



# Standard Linear and Logic Products Cross-Reference

## Introduction

This Standard Linear and Logic Products Cross-Reference will assist in finding a device made by Texas Instruments that is a drop-in or similar replacement to many of our competitors' standard linear and logic products.

The information in this document is derived from the Texas Instruments competitive cross-reference on the TI website at [www.ti.com/crossreference](http://www.ti.com/crossreference).

The Cross-Reference lists competitor's orderable part numbers in alpha-numeric order with the TI equivalent device following the competitor's device. A replacement code, available package types, and pin counts follow.

## Notice

The TI equivalent devices are designated by Replacement Code indicating their degree of suitability as a replacement. Great effort was made to insure the accuracy of this information but Texas Instruments does not guarantee or warrant that the cross-reference information is correct in all cases.

There are two Replacement Codes used:

**S** – Direct Replacement or drop-in part type

**Q** – Same functionality and pin-out but not an exact equivalent

**This Cross-Reference includes products with an “S” or “Q” designation. These codes must be used as a guide only.**

**Important:** Where so designated, Texas Instruments referenced devices are believed to be pin-for-pin electrically interchangeable. However, TI does not guarantee that interchangeability in a particular application is exact in all respects. Therefore, the applicable data sheets should be used to determine product interchangeability.

**Designers and others needing more comprehensive information about the full range of standard linear and logic products from Texas Instruments should visit the following internet sites:**

[www.ti.com/standardlinear](http://www.ti.com/standardlinear)  
[logic.ti.com](http://logic.ti.com)

**Additional publications and references can be found at these sites.**



© Copyright 2007 Texas Instruments



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74ABT125CMT	Fairchild Semiconductor		SN74ABT125PW		S	TSSOP	14
74ABT125CMTCX	Fairchild Semiconductor		SN74ABT125PWR		S	TSSOP	14
74ABT125CSC	Fairchild Semiconductor	Pb-Free	SN74ABT125D		S	SOIC	14
74ABT125CSCX	Fairchild Semiconductor	Pb-Free	SN74ABT125DR		S	SOIC	14
74ABT125CSJ	Fairchild Semiconductor	Pb-Free	SN74ABT125NSR		S	SOP-EIAJ-II	14
74ABT125CSJX	Fairchild Semiconductor	Pb-Free	SN74ABT125NSR		S	SOP-EIAJ-II	14
74ABT125D	NXP Semiconductor		SN74ABT125D		S	SOIC	14
74ABT125DB	NXP Semiconductor		SN74ABT125DBR		S	SSOP	14
74ABT125DB-T	NXP Semiconductor		SN74ABT125DBR		S	SSOP	14
74ABT125D-T	NXP Semiconductor		SN74ABT125DR		S	SOIC	14
74ABT125N	NXP Semiconductor		SN74ABT125N		S	PDIP	14
74ABT125PW	NXP Semiconductor		SN74ABT125PW		S	TSSOP	14
74ABT125PW-T	NXP Semiconductor		SN74ABT125PWR		S	TSSOP	14
74ABT126CMT	Fairchild Semiconductor		SN74ABT126PW		S	TSSOP	14
74ABT126CMTCX	Fairchild Semiconductor		SN74ABT126PWR		S	TSSOP	14
74ABT126CSC	Fairchild Semiconductor	Pb-Free	SN74ABT126D		S	SOIC	14
74ABT126CSCX	Fairchild Semiconductor	Pb-Free	SN74ABT126DR		S	SOIC	14
74ABT126CSJ	Fairchild Semiconductor	Pb-Free	SN74ABT126NSR		S	SOP-EIAJ-II	14
74ABT126CSJX	Fairchild Semiconductor	Pb-Free	SN74ABT126NSR		S	SOP-EIAJ-II	14
74ABT126D	NXP Semiconductor		SN74ABT126D		S	SOIC	14
74ABT126DB	NXP Semiconductor		SN74ABT126DBR		S	SSOP	14
74ABT126DB-T	NXP Semiconductor		SN74ABT126DBR		S	SSOP	14
74ABT126D-T	NXP Semiconductor		SN74ABT126DR		S	SOIC	14
74ABT126PW	NXP Semiconductor		SN74ABT126PW		S	TSSOP	14
74ABT126PW-T	NXP Semiconductor		SN74ABT126PWR		S	TSSOP	14
74ABT162244CMTD	Fairchild Semiconductor		SN74ABT162244DGGR		S	TSSOP	48
74ABT162244CSSC	Fairchild Semiconductor	Pb-Free	SN74ABT162244DL		S	SSOP	48
74ABT162244CSSX	Fairchild Semiconductor	Pb-Free	SN74ABT162244DLR		S	SSOP	48
74ABT162244DGG	NXP Semiconductor		SN74ABT162244DGGR		S	TSSOP	48
74ABT162244DGG-T	NXP Semiconductor		SN74ABT162244DGGR		S	TSSOP	48
74ABT162244DL	NXP Semiconductor		SN74ABT162244DL		S	SSOP	48
74ABT162244DL-T	NXP Semiconductor		SN74ABT162244DLR		S	SSOP	48
74ABT162244MTDX	Fairchild Semiconductor		SN74ABT162244DGGR		S	TSSOP	48
74ABT162245ADGG	NXP Semiconductor		SN74ABT162245DGGR		S	TSSOP	48
74ABT162245ADGG-T	NXP Semiconductor		SN74ABT162245DGGR		S	TSSOP	48
74ABT162245ADL	NXP Semiconductor		SN74ABT162245DL		S	SSOP	48
74ABT162245ADL-T	NXP Semiconductor		SN74ABT162245DLR		S	SSOP	48
74ABT16240ADGG	NXP Semiconductor		SN74ABT16240ADGGR		S	TSSOP	48
74ABT16240ADGG-T	NXP Semiconductor		SN74ABT16240ADGGR		S	TSSOP	48
74ABT16240ADL	NXP Semiconductor		SN74ABT16240ADL		S	SSOP	48
74ABT16240ADL-T	NXP Semiconductor		SN74ABT16240ADLR		S	SSOP	48
74ABT16241ADGG	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT16241ADGGR		S	TSSOP	48
74ABT16241ADGG-T	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT16241ADGGR		S	TSSOP	48
74ABT16241ADL	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT16241ADL		S	SSOP	48
74ABT16241ADL-T	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT16241ADLR		S	SSOP	48
74ABT16244ADGG	NXP Semiconductor		SN74ABT16244ADGGR		S	TSSOP	48
74ABT16244ADGG-T	NXP Semiconductor		SN74ABT16244ADGGR		S	TSSOP	48
74ABT16244ADL	NXP Semiconductor		SN74ABT16244ADL		S	SSOP	48
74ABT16244ADL-T	NXP Semiconductor		SN74ABT16244ADLR		S	SSOP	48
74ABT16244CMTD	Fairchild Semiconductor		SN74ABT16244ADGGR		S	TSSOP	48
74ABT16244CMTDX	Fairchild Semiconductor		SN74ABT16244ADGGR		S	TSSOP	48
74ABT16244CSSC	Fairchild Semiconductor	Pb-Free	SN74ABT16244ADL		S	SSOP	48
74ABT16244CSSCX	Fairchild Semiconductor	Pb-Free	SN74ABT16244ADLR		S	SSOP	48
74ABT16245BDGG	NXP Semiconductor		SN74ABT16245ADGGR		S	TSSOP	48
74ABT16245BDGG-T	NXP Semiconductor		SN74ABT16245ADGGR		S	TSSOP	48
74ABT16245BDL	NXP Semiconductor		SN74ABT16245ADL		S	SSOP	48
74ABT16245BDL-T	NXP Semiconductor		SN74ABT16245ADLR		S	SSOP	48
74ABT16245CMTD	Fairchild Semiconductor	tpd differs	SN74ABT16245ADGGR		S	TSSOP	48
74ABT16245CMTDX	Fairchild Semiconductor		SN74ABT16245ADGGR		S	TSSOP	48
74ABT16245CSSC	Fairchild Semiconductor	Pb-Free	SN74ABT16245ADL		S	SSOP	48
74ABT16245CSSCX	Fairchild Semiconductor	Pb-Free	SN74ABT16245ADLR		S	SSOP	48
74ABT16260DL	NXP Semiconductor		SN74ABTH16260DL	Bus-hold	Q	SSOP	56
74ABT16260DL-T	NXP Semiconductor		SN74ABTH16260DLR	Bus-hold	Q	SSOP	56
74ABT162827ADGG	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT162827ADGGR		S	TSSOP	56

74ABT125CMT — 74ABT162827ADGG

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74ABT162827ADGG-T	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT162827ADGGR		S	TSSOP	56
74ABT162827ADL	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT162827ADL		S	SSOP	56
74ABT162827ADL-T	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT162827ADLR		S	SSOP	56
74ABT16373BDGG	NXP Semiconductor		SN74ABT16373ADGGR		S	TSSOP	48
74ABT16373BDGG-T	NXP Semiconductor		SN74ABT16373ADGGR		S	TSSOP	48
74ABT16373BDL	NXP Semiconductor		SN74ABT16373ADL		S	SSOP	48
74ABT16373BDL-T	NXP Semiconductor		SN74ABT16373ADL		S	SSOP	48
74ABT16373BDL-T	NXP Semiconductor		SN74ABT16373ADLR		S	SSOP	48
74ABT16373CMTD	Fairchild Semiconductor		SN74ABT16373ADGGR		S	TSSOP	48
74ABT16373CMTDX	Fairchild Semiconductor		SN74ABT16373ADGGR		S	TSSOP	48
74ABT16373CSSC	Fairchild Semiconductor	Pb-Free	SN74ABT16373ADL		S	SSOP	48
74ABT16373CSSCX	Fairchild Semiconductor	Pb-Free	SN74ABT16373ADLR		S	SSOP	48
74ABT16374BDGG	NXP Semiconductor		SN74ABT16374ADGGR		S	TSSOP	48
74ABT16374BDGG-T	NXP Semiconductor		SN74ABT16374ADGGR		S	TSSOP	48
74ABT16374BDL	NXP Semiconductor		SN74ABT16374ADL		S	SSOP	48
74ABT16374BDL-T	NXP Semiconductor		SN74ABT16374ADLR		S	SSOP	48
74ABT16374CMTD	Fairchild Semiconductor		SN74ABT16374ADGGR		S	TSSOP	48
74ABT16374CMTDX	Fairchild Semiconductor		SN74ABT16374ADGGR		S	TSSOP	48
74ABT16374CSSC	Fairchild Semiconductor	Pb-Free	SN74ABT16374ADL		S	SSOP	48
74ABT16374CSSCX	Fairchild Semiconductor	Pb-Free	SN74ABT16374ADLR		S	SSOP	48
74ABT16500CDG	NXP Semiconductor		SN74ABT16500BDGGR		S	TSSOP	56
74ABT16500CDGG	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT16500BDGGR		S	TSSOP	56
74ABT16500CDGG-T	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT16500BDGGR		S	TSSOP	56
74ABT16500CDG-T	NXP Semiconductor		SN74ABT16500BDGGR		S	TSSOP	56
74ABT16500CDL	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT16500BDL		S	SSOP	56
74ABT16500CDL-T	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT16500BDLR		S	SSOP	56
74ABT16500CMD	Fairchild Semiconductor	tpd differs	SN74ABT16500BDGGR		S	TSSOP	56
74ABT16500CMDX	Fairchild Semiconductor		SN74ABT16500BDGGR		S	TSSOP	56
74ABT16500CSSC	Fairchild Semiconductor	Pb-Free	SN74ABT16500BDL		S	SSOP	56
74ABT16500CSSCX	Fairchild Semiconductor	Pb-Free	SN74ABT16500BDLR		S	SSOP	56
74ABT16501ADGG	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT16501DGGR		S	TSSOP	56
74ABT16501ADGG-T	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT16501DGGR		S	TSSOP	56
74ABT16501ADL	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT16501DL		S	SSOP	56
74ABT16501ADL-T	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT16501DLR		S	SSOP	56
74ABT16501CMD	Fairchild Semiconductor	tpd differs	SN74ABT16501DGGR		S	TSSOP	56
74ABT16501CMDX	Fairchild Semiconductor		SN74ABT16501DGGR		S	TSSOP	56
74ABT16501CSSC	Fairchild Semiconductor	Pb-Free	SN74ABT16501DL		S	SSOP	56
74ABT16501CSSCX	Fairchild Semiconductor	Pb-Free	SN74ABT16501DLR		S	SSOP	56
74ABT16541CMTD	Fairchild Semiconductor		SN74ABT16541ADGGR		S	TSSOP	48
74ABT16541CMTDX	Fairchild Semiconductor		SN74ABT16541ADGGR		S	TSSOP	48
74ABT16541CSSC	Fairchild Semiconductor	Pb-Free	SN74ABT16541ADL		S	SSOP	48
74ABT16541CSSCX	Fairchild Semiconductor	Pb-Free	SN74ABT16541ADLR		S	SSOP	48
74ABT16541DGG	NXP Semiconductor		SN74ABT16541ADGGR		S	TSSOP	48
74ABT16541DGG-T	NXP Semiconductor		SN74ABT16541ADGGR		S	TSSOP	48
74ABT16541DL	NXP Semiconductor		SN74ABT16541ADL		S	SSOP	48
74ABT16541DL-T	NXP Semiconductor		SN74ABT16541ADLR		S	SSOP	48
74ABT16543CMTD	Fairchild Semiconductor	tpd differs	SN74ABT16543DGGR		S	TSSOP	56
74ABT16543CMTDX	Fairchild Semiconductor		SN74ABT16543DGGR		S	TSSOP	56
74ABT16543CSSC	Fairchild Semiconductor	Pb-Free	SN74ABT16543DL		S	SSOP	56
74ABT16543CSSCX	Fairchild Semiconductor	Pb-Free	SN74ABT16543DLR		S	SSOP	56
74ABT16543DGG	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT16543DGGR		S	TSSOP	56
74ABT16543DGG-T	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT16543DGGR		S	TSSOP	56
74ABT16543DL	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT16543DL		S	SSOP	56
74ABT16543DL-T	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT16543DLR		S	SSOP	56
74ABT16646CMTD	Fairchild Semiconductor	tpd differs	SN74ABT16646DGGR		S	TSSOP	56
74ABT16646CMTDX	Fairchild Semiconductor		SN74ABT16646DGGR		S	TSSOP	56
74ABT16646CSSC	Fairchild Semiconductor	Pb-Free	SN74ABT16646DL		S	SSOP	56
74ABT16646CSSCX	Fairchild Semiconductor	Pb-Free	SN74ABT16646DLR		S	SSOP	56
74ABT16646DGG	NXP Semiconductor		SN74ABT16646DGGR		S	TSSOP	56
74ABT16646DGG-T	NXP Semiconductor		SN74ABT16646DGGR		S	TSSOP	56
74ABT16646DGG-T	NXP Semiconductor		SN74ABT16646DGGR		S	TSSOP	56
74ABT16646DL	NXP Semiconductor		SN74ABT16646DL		S	SSOP	56
74ABT16646DL-T	NXP Semiconductor		SN74ABT16646DLR		S	SSOP	56

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74ABT16652CSSC	Fairchild Semiconductor	Pb-Free	SN74ABT16652DL		S	SSOP	56
74ABT16652CSSCX	Fairchild Semiconductor	Pb-Free	SN74ABT16652DLR		S	SSOP	56
74ABT16652DL	NXP Semiconductor		SN74ABT16652DL		S	SSOP	56
74ABT16652DL-T	NXP Semiconductor		SN74ABT16652DLR		S	SSOP	56
74ABT16821ADGG	NXP Semiconductor		SN74ABT16821DGGR		S	TSSOP	56
74ABT16821ADGG-T	NXP Semiconductor		SN74ABT16821DGGR		S	TSSOP	56
74ABT16821ADL	NXP Semiconductor		SN74ABT16821DL		S	SSOP	56
74ABT16821ADL-T	NXP Semiconductor		SN74ABT16821DLR		S	SSOP	56
74ABT16825ADL	NXP Semiconductor		SN74ABT162825DL		S	SSOP	56
74ABT16825ADL	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT16825DL		S	SSOP	56
74ABT16825ADL-T	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT16825DLR		S	SSOP	56
74ABT16827ADL	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT16827DL		S	SSOP	56
74ABT16827ADL-T	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT16827DLR		S	SSOP	56
74ABT16841ADL	NXP Semiconductor		SN74ABT16841DL		S	SSOP	56
74ABT16841ADL-T	NXP Semiconductor		SN74ABT16841DLR		S	SSOP	56
74ABT16952CMTD	Fairchild Semiconductor	tpd differs	SN74ABT16952DGGR		S	TSSOP	56
74ABT16952CMTDX	Fairchild Semiconductor		SN74ABT16952DGGR		S	TSSOP	56
74ABT16952CSSC	Fairchild Semiconductor	Pb-Free	SN74ABT16952DL		S	SSOP	56
74ABT16952CSSCX	Fairchild Semiconductor	Pb-Free	SN74ABT16952DLR		S	SSOP	56
74ABT16952DG	NXP Semiconductor		SN74ABT16952DGGR		S	TSSOP	56
74ABT16952DGG	NXP Semiconductor		SN74ABT16952DGGR		S	TSSOP	56
74ABT16952DGG-T	NXP Semiconductor		SN74ABT16952DGGR		S	TSSOP	56
74ABT16952DGG-T	NXP Semiconductor		SN74ABT16952DGGR		S	TSSOP	56
74ABT16952DL	NXP Semiconductor		SN74ABT16952DL		S	SSOP	56
74ABT16952DL-T	NXP Semiconductor		SN74ABT16952DLR		S	SSOP	56
74ABT2240CMSA	Fairchild Semiconductor	Pb-Free	SN74ABT2240ADBR		S	SSOP	20
74ABT2240CMSAX	Fairchild Semiconductor	Pb-Free	SN74ABT2240ADBR		S	SSOP	20
74ABT2240CMTC	Fairchild Semiconductor		SN74ABT2240APW		S	TSSOP	20
74ABT2240CMTCX	Fairchild Semiconductor		SN74ABT2240APWR		S	TSSOP	20
74ABT2240CSC	Fairchild Semiconductor	Pb-Free	SN74ABT2240ADW		S	SOIC	20
74ABT2240CSCX	Fairchild Semiconductor	Pb-Free	SN74ABT2240ADWR		S	SOIC	20
74ABT2240CSJ	Fairchild Semiconductor	Pb-Free	SN74ABT2240ANSR		S	SOP-EIAJ-II	20
74ABT2240CSJX	Fairchild Semiconductor	Pb-Free	SN74ABT2240ANSR		S	SOP-EIAJ-II	20
74ABT2240D	NXP Semiconductor		SN74ABT2240ADW		S	SOIC	20
74ABT2240D-T	NXP Semiconductor		SN74ABT2240ADWR		S	SOIC	20
74ABT2240N	NXP Semiconductor		SN74ABT2240AN		S	PDIP	20
74ABT2240PW	NXP Semiconductor		SN74ABT2240APW		S	TSSOP	20
74ABT2240PW-T	NXP Semiconductor		SN74ABT2240APWR		S	TSSOP	20
74ABT2241D	NXP Semiconductor		SN74ABT2241DW		S	SOIC	20
74ABT2241DB	NXP Semiconductor		SN74ABT2241DBR		S	SSOP	20
74ABT2241DB-T	NXP Semiconductor		SN74ABT2241DBR		S	SSOP	20
74ABT2241D-T	NXP Semiconductor		SN74ABT2241DWR		S	SOIC	20
74ABT2241N	NXP Semiconductor		SN74ABT2241N		S	PDIP	20
74ABT2241PW	NXP Semiconductor		SN74ABT2241PWR		S	TSSOP	20
74ABT2241PW-T	NXP Semiconductor		SN74ABT2241PWR		S	TSSOP	20
74ABT2244CMSA	Fairchild Semiconductor	Pb-Free	SN74ABT2244ADBR		S	SSOP	20
74ABT2244CMSAX	Fairchild Semiconductor	Pb-Free	SN74ABT2244ADBR		S	SSOP	20
74ABT2244CMTC	Fairchild Semiconductor		SN74ABT2244APW		S	TSSOP	20
74ABT2244CMTCX	Fairchild Semiconductor		SN74ABT2244APWR		S	TSSOP	20
74ABT2244CPC	Fairchild Semiconductor	Pb-Free	SN74ABT2244AN		S	PDIP	20
74ABT2244CSC	Fairchild Semiconductor	Pb-Free	SN74ABT2244ADW		S	SOIC	20
74ABT2244CSCX	Fairchild Semiconductor	Pb-Free	SN74ABT2244ADWR		S	SOIC	20
74ABT2244CSJ	Fairchild Semiconductor	Pb-Free	SN74ABT2244ANSR		S	SOP-EIAJ-II	20
74ABT2244CSJX	Fairchild Semiconductor	Pb-Free	SN74ABT2244ANSR		S	SOP-EIAJ-II	20
74ABT2244D	NXP Semiconductor		SN74ABT2244ADW		S	SOIC	20
74ABT2244DB	NXP Semiconductor		SN74ABT2244ADBR		S	SSOP	20
74ABT2244DB-T	NXP Semiconductor		SN74ABT2244ADBR		S	SSOP	20
74ABT2244D-T	NXP Semiconductor		SN74ABT2244ADWR		S	SOIC	20
74ABT2244N	NXP Semiconductor		SN74ABT2244AN		S	PDIP	20
74ABT2244PW	NXP Semiconductor		SN74ABT2244APW		S	TSSOP	20
74ABT2244PW-T	NXP Semiconductor		SN74ABT2244APWR		S	TSSOP	20
74ABT2245D	NXP Semiconductor		SN74ABT2245DW		S	SOIC	20
74ABT2245DB	NXP Semiconductor		SN74ABT2245DBR		S	SSOP	20
74ABT2245DB-T	NXP Semiconductor		SN74ABT2245DBR		S	SSOP	20

74ABT16652CSSC — 74ABT2245DB-T

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74ABT2245D-T	NXP Semiconductor		SN74ABT2245DWR		S	SOIC	20
74ABT2245N	NXP Semiconductor		SN74ABT2245N		S	PDIP	20
74ABT2245PW	NXP Semiconductor		SN74ABT2245PW		S	TSSOP	20
74ABT2245PW-T	NXP Semiconductor		SN74ABT2245PWWR		S	TSSOP	20
74ABT240CMSA	Fairchild Semiconductor	Pb-Free	SN74ABT240ADBR		S	SSOP	20
74ABT240CMSAX	Fairchild Semiconductor	Pb-Free	SN74ABT240ADBR		S	SSOP	20
74ABT240CMTC	Fairchild Semiconductor		SN74ABT240APW		S	TSSOP	20
74ABT240CMTCX	Fairchild Semiconductor		SN74ABT240APWR		S	TSSOP	20
74ABT240CSC	Fairchild Semiconductor	Pb-Free	SN74ABT240ADW		S	SOIC	20
74ABT240CSCX	Fairchild Semiconductor	Pb-Free	SN74ABT240ADWR		S	SOIC	20
74ABT240CSJ	Fairchild Semiconductor	Pb-Free	SN74ABT240ANSR		S	SOP-EIAJ-II	20
74ABT240CSJX	Fairchild Semiconductor	Pb-Free	SN74ABT240ANSR		S	SOP-EIAJ-II	20
74ABT240D	NXP Semiconductor		SN74ABT240ADW		S	SOIC	20
74ABT240DB	NXP Semiconductor		SN74ABT240ADBR		S	SSOP	20
74ABT240DB-T	NXP Semiconductor		SN74ABT240ADBR		S	SSOP	20
74ABT240D-T	NXP Semiconductor		SN74ABT240ADWR		S	SOIC	20
74ABT240N	NXP Semiconductor		SN74ABT240AN		S	PDIP	20
74ABT240PW	NXP Semiconductor		SN74ABT240APW		S	TSSOP	20
74ABT240PW-T	NXP Semiconductor		SN74ABT240APWR		S	TSSOP	20
74ABT241CMSA	Fairchild Semiconductor	Pb-Free	SN74ABT241ADBR		S	SSOP	20
74ABT241CMSAX	Fairchild Semiconductor	Pb-Free	SN74ABT241ADBR		S	SSOP	20
74ABT241CMTC	Fairchild Semiconductor		SN74ABT241APW		S	TSSOP	20
74ABT241CMTCX	Fairchild Semiconductor		SN74ABT241APWR		S	TSSOP	20
74ABT241CSC	Fairchild Semiconductor	Pb-Free	SN74ABT241ADW		S	SOIC	20
74ABT241CSCX	Fairchild Semiconductor	Pb-Free	SN74ABT241ADWR		S	SOIC	20
74ABT241CSJ	Fairchild Semiconductor	Pb-Free	SN74ABT241ANSR		S	SOP-EIAJ-II	20
74ABT241CSJX	Fairchild Semiconductor	Pb-Free	SN74ABT241ANSR		S	SOP-EIAJ-II	20
74ABT241D	NXP Semiconductor		SN74ABT241ADW		S	SOIC	20
74ABT241DB	NXP Semiconductor		SN74ABT241ADBR		S	SSOP	20
74ABT241DB-T	NXP Semiconductor		SN74ABT241ADBR		S	SSOP	20
74ABT241D-T	NXP Semiconductor		SN74ABT241ADWR		S	SOIC	20
74ABT241N	NXP Semiconductor		SN74ABT241AN		S	PDIP	20
74ABT241PW	NXP Semiconductor		SN74ABT241APW		S	TSSOP	20
74ABT241PW-T	NXP Semiconductor		SN74ABT241APWR		S	TSSOP	20
74ABT244CMSA	Fairchild Semiconductor	Pb-Free	SN74ABT244ADBR		S	SSOP	20
74ABT244CMSAX	Fairchild Semiconductor	Pb-Free	SN74ABT244ADBR		S	SSOP	20
74ABT244CMTC	Fairchild Semiconductor		SN74ABT244APW		S	TSSOP	20
74ABT244CMTCX	Fairchild Semiconductor		SN74ABT244APWR		S	TSSOP	20
74ABT244CPC	Fairchild Semiconductor	Pb-Free	SN74ABT244AN		S	PDIP	20
74ABT244CSC	Fairchild Semiconductor	Pb-Free	SN74ABT244ADW		S	SOIC	20
74ABT244CSCX	Fairchild Semiconductor	Pb-Free	SN74ABT244ADWR		S	SOIC	20
74ABT244CSJ	Fairchild Semiconductor	Pb-Free	SN74ABT244ANSR		S	SOP-EIAJ-II	20
74ABT244CSJX	Fairchild Semiconductor	Pb-Free	SN74ABT244ANSR		S	SOP-EIAJ-II	20
74ABT244D	NXP Semiconductor		SN74ABT244ADW		S	SOIC	20
74ABT244DB	NXP Semiconductor		SN74ABT244ADBR		S	SSOP	20
74ABT244DB-T	NXP Semiconductor		SN74ABT244ADBR		S	SSOP	20
74ABT244D-T	NXP Semiconductor		SN74ABT244ADWR		S	SOIC	20
74ABT244N	NXP Semiconductor		SN74ABT244AN		S	PDIP	20
74ABT244PW	NXP Semiconductor		SN74ABT244APW		S	TSSOP	20
74ABT244PW-T	NXP Semiconductor		SN74ABT244APWR		S	TSSOP	20
74ABT245CMSA	Fairchild Semiconductor	tpd differs	SN74ABT245BDBR		S	SSOP	20
74ABT245CMSAX	Fairchild Semiconductor	Pb-Free	SN74ABT245BDBR		S	SSOP	20
74ABT245CMTC	Fairchild Semiconductor		SN74ABT245BPW		S	TSSOP	20
74ABT245CMTCX	Fairchild Semiconductor		SN74ABT245BPWR		S	TSSOP	20
74ABT245CPC	Fairchild Semiconductor	Pb-Free	SN74ABT245BN		S	PDIP	20
74ABT245CSC	Fairchild Semiconductor	Pb-Free	SN74ABT245BDW		S	SOIC	20
74ABT245CSCX	Fairchild Semiconductor	Pb-Free	SN74ABT245BDWR		S	SOIC	20
74ABT245CSJ	Fairchild Semiconductor	tpd differs	SN74ABT245BNSR		S	SOP	20
74ABT245CSJX	Fairchild Semiconductor	Pb-Free	SN74ABT245BNSR		S	SOP-EIAJ-II	20
74ABT245D	NXP Semiconductor		SN74ABT245BDW		S	SOIC	20
74ABT245DB	NXP Semiconductor		SN74ABT245BDBR		S	SSOP	20
74ABT245DB-T	NXP Semiconductor		SN74ABT245BDBR		S	SSOP	20
74ABT245D-T	NXP Semiconductor		SN74ABT245BDWR		S	SOIC	20
74ABT245PW	NXP Semiconductor		SN74ABT245BPW		S	TSSOP	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74ABT245PW-T	NXP Semiconductor		SN74ABT245BPWR		S	TSSOP	20
74ABT273AD	NXP Semiconductor		SN74ABT273DW		S	SOIC	20
74ABT273ADB	NXP Semiconductor		SN74ABT273DBR		S	SSOP	20
74ABT273ADB-T	NXP Semiconductor		SN74ABT273DBR		S	SSOP	20
74ABT273AD-T	NXP Semiconductor		SN74ABT273DWR		S	SOIC	20
74ABT273AN	NXP Semiconductor		SN74ABT273N		S	PDIP	20
74ABT273APW	NXP Semiconductor		SN74ABT273PW		S	TSSOP	20
74ABT273APW-T	NXP Semiconductor		SN74ABT273DWR		S	TSSOP	20
74ABT273CMSA	Fairchild Semiconductor	Pb-Free	SN74ABT273DBR		S	SSOP	20
74ABT273CMSAX	Fairchild Semiconductor	Pb-Free	SN74ABT273DBR		S	SSOP	20
74ABT273CMTC	Fairchild Semiconductor		SN74ABT273PW		S	TSSOP	20
74ABT273CMTCX	Fairchild Semiconductor		SN74ABT273PWR		S	TSSOP	20
74ABT273CSC	Fairchild Semiconductor	Pb-Free	SN74ABT273DW		S	SOIC	20
74ABT273CSCX	Fairchild Semiconductor	Pb-Free	SN74ABT273DWR		S	SOIC	20
74ABT273CSJ	Fairchild Semiconductor	Pb-Free	SN74ABT273NSR		S	SOP-EIAJ-II	20
74ABT273CSJX	Fairchild Semiconductor	Pb-Free	SN74ABT273NSR		S	SOP-EIAJ-II	20
74ABT2952CMSA	Fairchild Semiconductor	tpd differs	SN74ABT2952ADBR		S	SSOP	24
74ABT2952CMSAX	Fairchild Semiconductor	Pb-Free	SN74ABT2952ADBR		S	SSOP	24
74ABT2952CSC	Fairchild Semiconductor	Pb-Free	SN74ABT2952ADW		S	SOIC	24
74ABT2952CSCX	Fairchild Semiconductor	Pb-Free	SN74ABT2952ADWR		S	SOIC	24
74ABT2952D	NXP Semiconductor		SN74ABT2952ADW		S	SOIC	24
74ABT2952DB	NXP Semiconductor		SN74ABT2952ADBR		S	SSOP	24
74ABT2952DB-T	NXP Semiconductor		SN74ABT2952ADBR		S	SSOP	24
74ABT2952D-T	NXP Semiconductor		SN74ABT2952ADWR		S	SOIC	24
74ABT2952N	NXP Semiconductor		SN74ABT2952ANT		S	PDIP	24
74ABT373AD	NXP Semiconductor		SN74ABT373DW		S	SOIC	20
74ABT373ADB	NXP Semiconductor		SN74ABT373DBR		S	SSOP	20
74ABT373ADB-T	NXP Semiconductor		SN74ABT373DBR		S	SSOP	20
74ABT373AD-T	NXP Semiconductor		SN74ABT373DWR		S	SOIC	20
74ABT373AN	NXP Semiconductor		SN74ABT373N		S	PDIP	20
74ABT373APW	NXP Semiconductor		SN74ABT373PW		S	TSSOP	20
74ABT373APW-T	NXP Semiconductor		SN74ABT373PWR		S	TSSOP	20
74ABT373CMSA	Fairchild Semiconductor		SN74ABT373DBR		S	SSOP	20
74ABT373CMSAX	Fairchild Semiconductor	Pb-Free	SN74ABT373DBR		S	SSOP	20
74ABT373CMTC	Fairchild Semiconductor		SN74ABT373PW		S	TSSOP	20
74ABT373CMTCX	Fairchild Semiconductor		SN74ABT373PWR		S	TSSOP	20
74ABT373CPC	Fairchild Semiconductor	Pb-Free	SN74ABT373N		S	PDIP	20
74ABT373CSC	Fairchild Semiconductor	Pb-Free	SN74ABT373DW		S	SOIC	20
74ABT373CSCX	Fairchild Semiconductor	Pb-Free	SN74ABT373DWR		S	SOIC	20
74ABT373CSJ	Fairchild Semiconductor		SN74ABT373NSR		S	SOP	20
74ABT373CSJX	Fairchild Semiconductor	Pb-Free	SN74ABT373NSR		S	SOP-EIAJ-II	20
74ABT374AD	NXP Semiconductor		SN74ABT374ADW		S	SOIC	20
74ABT374AD	NXP Semiconductor		SN74ABT374ADWE4		S	SOIC	20
74ABT374ADB	NXP Semiconductor		SN74ABT374ADBR		S	SSOP	20
74ABT374ADB-T	NXP Semiconductor		SN74ABT374ADBR		S	SSOP	20
74ABT374ADB-T	NXP Semiconductor		SN74ABT374ADBRE4		S	SSOP	20
74ABT374AD-T	NXP Semiconductor		SN74ABT374ADWR		S	SOIC	20
74ABT374AD-T	NXP Semiconductor		SN74ABT374ADWRE4		S	SOIC	20
74ABT374AN	NXP Semiconductor		SN74ABT374AN		S	PDIP	20
74ABT374APW	NXP Semiconductor		SN74ABT374APW		S	TSSOP	20
74ABT374APW-T	NXP Semiconductor		SN74ABT374APWR		S	TSSOP	20
74ABT374CMSA	Fairchild Semiconductor	Pb-Free	SN74ABT374ADBR		S	SSOP	20
74ABT374CMSAX	Fairchild Semiconductor	Pb-Free	SN74ABT374ADBR		S	SSOP	20
74ABT374CMSAX	Fairchild Semiconductor	tpd differs	SN74ABT374ADBRE4		S	SSOP	20
74ABT374CMTC	Fairchild Semiconductor		SN74ABT374APW		S	TSSOP	20
74ABT374CMTCX	Fairchild Semiconductor		SN74ABT374APWR		S	TSSOP	20
74ABT374CPC	Fairchild Semiconductor	Pb-Free	SN74ABT374AN		S	PDIP	20
74ABT374CSC	Fairchild Semiconductor	Pb-Free	SN74ABT374ADW		S	SOIC	20
74ABT374CSC	Fairchild Semiconductor	tpd differs	SN74ABT374ADWE4		S	SOIC	20
74ABT374CSCX	Fairchild Semiconductor	Pb-Free	SN74ABT374ADWR		S	SOIC	20
74ABT374CSCX	Fairchild Semiconductor	tpd differs	SN74ABT374ADWRE4		S	SOIC	20
74ABT374CSJ	Fairchild Semiconductor	Pb-Free	SN74ABT374ANSR		S	SOP-EIAJ-II	20
74ABT374CSJX	Fairchild Semiconductor	Pb-Free	SN74ABT374ANSR		S	SOP-EIAJ-II	20
74ABT377AD	NXP Semiconductor		SN74ABT377ADW		S	SOIC	20

74ABT245PW-T — 74ABT377AD

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74ABT377ADB	NXP Semiconductor		SN74ABT377ADBR		S	SSOP	20
74ABT377ADB-T	NXP Semiconductor		SN74ABT377ADBR		S	SSOP	20
74ABT377AD-T	NXP Semiconductor		SN74ABT377ADWR		S	SOIC	20
74ABT377AN	NXP Semiconductor		SN74ABT377AN		S	PDIP	20
74ABT377APW	NXP Semiconductor		SN74ABT377APW		S	TSSOP	20
74ABT377APW-T	NXP Semiconductor		SN74ABT377APWR		S	TSSOP	20
74ABT377CMSA	Fairchild Semiconductor	Pb-Free	SN74ABT377ADBR		S	SSOP	20
74ABT377CMSA	Fairchild Semiconductor	tpd differs	SN74ABT377ADWE4		S	SSOP	20
74ABT377CMSAX	Fairchild Semiconductor	Pb-Free	SN74ABT377ADBR		S	SSOP	20
74ABT377CMSAX	Fairchild Semiconductor	tpd differs	SN74ABT377ADBRE4		S	SSOP	20
74ABT377CMT	Fairchild Semiconductor		SN74ABT377APW		S	TSSOP	20
74ABT377CMTCX	Fairchild Semiconductor		SN74ABT377APWR		S	TSSOP	20
74ABT377CSC	Fairchild Semiconductor	Pb-Free	SN74ABT377ADW		S	SOIC	20
74ABT377CSCX	Fairchild Semiconductor	Pb-Free	SN74ABT377ADWR		S	SOIC	20
74ABT377CSJ	Fairchild Semiconductor	Pb-Free	SN74ABT377ANSR		S	SOP-EIAJ-II	20
74ABT377CSJX	Fairchild Semiconductor	Pb-Free	SN74ABT377ANSR		S	SOP-EIAJ-II	20
74ABT534AD	NXP Semiconductor		SN74ABT534ADWE4		S	SOIC	20
74ABT534AD	NXP Semiconductor		SN74ABT534ADW		S	SOIC	20
74ABT534ADB	NXP Semiconductor		SN74ABT534ADBR		S	SSOP	20
74ABT534ADB-T	NXP Semiconductor		SN74ABT534ADBR		S	SSOP	20
74ABT534ADB-T	NXP Semiconductor		SN74ABT534ADBRE4		S	SSOP	20
74ABT534AD-T	NXP Semiconductor		SN74ABT534ADWR		S	SOIC	20
74ABT534AD-T	NXP Semiconductor		SN74ABT534ADWRE4		S	SOIC	20
74ABT534AN	NXP Semiconductor		SN74ABT534AN		S	PDIP	20
74ABT534APW	NXP Semiconductor		SN74ABT534APW		S	TSSOP	20
74ABT534APW-T	NXP Semiconductor		SN74ABT534APWR		S	TSSOP	20
74ABT534PW	NXP Semiconductor		SN74ABT534APW		S	TSSOP	20
74ABT534PW-T	NXP Semiconductor		SN74ABT534APWR		S	TSSOP	20
74ABT540D	NXP Semiconductor		SN74ABT540DW		S	SOIC	20
74ABT540DB	NXP Semiconductor		SN74ABT540DBR		S	SSOP	20
74ABT540DB-T	NXP Semiconductor		SN74ABT540DBR		S	SSOP	20
74ABT540D-T	NXP Semiconductor		SN74ABT540DWR		S	SOIC	20
74ABT540N	NXP Semiconductor		SN74ABT540N		S	PDIP	20
74ABT541CMSA	Fairchild Semiconductor	Pb-Free	SN74ABT541BDBR		S	SSOP	20
74ABT541CMSAX	Fairchild Semiconductor	Pb-Free	SN74ABT541BDBR		S	SSOP	20
74ABT541CMT	Fairchild Semiconductor		SN74ABT541BPW		S	TSSOP	20
74ABT541CMTCX	Fairchild Semiconductor		SN74ABT541BPWR		S	TSSOP	20
74ABT541CPC	Fairchild Semiconductor	Pb-Free	SN74ABT541BN		S	PDIP	20
74ABT541CSC	Fairchild Semiconductor	Pb-Free	SN74ABT541BDW		S	SOIC	20
74ABT541CSCX	Fairchild Semiconductor	Pb-Free	SN74ABT541BDWR		S	SOIC	20
74ABT541CSJ	Fairchild Semiconductor	Pb-Free	SN74ABT541BNSR		S	SOP-EIAJ-II	20
74ABT541CSJX	Fairchild Semiconductor	Pb-Free	SN74ABT541BNSR		S	SOP-EIAJ-II	20
74ABT541D	NXP Semiconductor		SN74ABT541BDW		S	SOIC	20
74ABT541DB	NXP Semiconductor		SN74ABT541BDBR		S	SSOP	20
74ABT541DB-T	NXP Semiconductor		SN74ABT541BDBR		S	SSOP	20
74ABT541D-T	NXP Semiconductor		SN74ABT541BDWR		S	SOIC	20
74ABT541N	NXP Semiconductor		SN74ABT541BN		S	PDIP	20
74ABT541PW	NXP Semiconductor		SN74ABT541BPW		S	TSSOP	20
74ABT541PW-T	NXP Semiconductor		SN74ABT541BPWR		S	TSSOP	20
74ABT543AD	NXP Semiconductor		SN74ABT543ADW		S	SOIC	24
74ABT543ADB	NXP Semiconductor		SN74ABT543ADBR		S	SSOP	24
74ABT543ADB-T	NXP Semiconductor		SN74ABT543ADBR		S	SSOP	24
74ABT543AD-T	NXP Semiconductor		SN74ABT543ADWR		S	SOIC	24
74ABT543AN	NXP Semiconductor		SN74ABT543ANT		S	PDIP	24
74ABT543APW	NXP Semiconductor		SN74ABT543APW		S	TSSOP	24
74ABT543APW-T	NXP Semiconductor		SN74ABT543APWR		S	TSSOP	24
74ABT543CMSA	Fairchild Semiconductor	tpd differs	SN74ABT543ADBR		S	SSOP	24
74ABT543CMSAX	Fairchild Semiconductor	Pb-Free	SN74ABT543ADBR		S	SSOP	24
74ABT543CMT	Fairchild Semiconductor		SN74ABT543APW		S	TSSOP	24
74ABT543CMTCX	Fairchild Semiconductor		SN74ABT543APWR		S	TSSOP	24
74ABT543CSC	Fairchild Semiconductor	Pb-Free	SN74ABT543ADW		S	SOIC	24
74ABT543CSCX	Fairchild Semiconductor	Pb-Free	SN74ABT543ADWR		S	SOIC	24
74ABT573AD	NXP Semiconductor		SN74ABT573ADW		S	SOIC	20
74ABT573ADB	NXP Semiconductor		SN74ABT573ADBR		S	SSOP	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74ABT573ADB-T	NXP Semiconductor		SN74ABT573ADBR		S	SSOP	20
74ABT573AD-T	NXP Semiconductor		SN74ABT573ADWR		S	SOIC	20
74ABT573AN	NXP Semiconductor		SN74ABT573AN		S	PDIP	20
74ABT573APW	NXP Semiconductor		SN74ABT573APW		S	TSSOP	20
74ABT573APW-T	NXP Semiconductor		SN74ABT573APWR		S	TSSOP	20
74ABT573CMSA	Fairchild Semiconductor		SN74ABT573ADBR		S	SSOP	20
74ABT573CMSAX	Fairchild Semiconductor	Pb-Free	SN74ABT573ADBR		S	SSOP	20
74ABT573CMTC	Fairchild Semiconductor		SN74ABT573APW		S	TSSOP	20
74ABT573CMTCX	Fairchild Semiconductor		SN74ABT573APWR		S	TSSOP	20
74ABT573CPC	Fairchild Semiconductor	Pb-Free	SN74ABT573AN		S	PDIP	20
74ABT573CSC	Fairchild Semiconductor	Pb-Free	SN74ABT573ADW		S	SOIC	20
74ABT573CSCX	Fairchild Semiconductor	Pb-Free	SN74ABT573ADWR		S	SOIC	20
74ABT573CSJ	Fairchild Semiconductor		SN74ABT573ANSR		S	SOP	20
74ABT573CSJX	Fairchild Semiconductor	Pb-Free	SN74ABT573ANSR		S	SOP-EIAJ-II	20
74ABT574AD	NXP Semiconductor		SN74ABT574ADW		S	SOIC	20
74ABT574AD	NXP Semiconductor		SN74ABT574ADWE4		S	SOIC	20
74ABT574ADB	NXP Semiconductor		SN74ABT574ADBR		S	SSOP	20
74ABT574ADB-T	NXP Semiconductor		SN74ABT574ADBR		S	SSOP	20
74ABT574ADB-T	NXP Semiconductor		SN74ABT574ADBRE4		S	SSOP	20
74ABT574AD-T	NXP Semiconductor		SN74ABT574ADWR		S	SOIC	20
74ABT574AD-T	NXP Semiconductor		SN74ABT574ADWRE4		S	SOIC	20
74ABT574AN	NXP Semiconductor		SN74ABT574AN		S	PDIP	20
74ABT574APW	NXP Semiconductor		SN74ABT574APW		S	TSSOP	20
74ABT574APW-T	NXP Semiconductor		SN74ABT574APWR		S	TSSOP	20
74ABT574CMSA	Fairchild Semiconductor	Pb-Free	SN74ABT574ADBR		S	SSOP	20
74ABT574CMSAX	Fairchild Semiconductor	Pb-Free	SN74ABT574ADBR		S	SSOP	20
74ABT574CMSAX	Fairchild Semiconductor	tpd differs	SN74ABT574ADBRE4		S	SSOP	20
74ABT574CMTC	Fairchild Semiconductor		SN74ABT574APW		S	TSSOP	20
74ABT574CMTCX	Fairchild Semiconductor		SN74ABT574APWR		S	TSSOP	20
74ABT574CSC	Fairchild Semiconductor	Pb-Free	SN74ABT574ADW		S	SOIC	20
74ABT574CSC	Fairchild Semiconductor	tpd differs	SN74ABT574ADWE4		S	SOIC	20
74ABT574CSCX	Fairchild Semiconductor	Pb-Free	SN74ABT574ADWR		S	SOIC	20
74ABT574CSCX	Fairchild Semiconductor	tpd differs	SN74ABT574ADWRE4		S	SOIC	20
74ABT574CSJ	Fairchild Semiconductor	Pb-Free	SN74ABT574ANSR		S	SOP-EIAJ-II	20
74ABT574CSJX	Fairchild Semiconductor	Pb-Free	SN74ABT574ANSR		S	SOP-EIAJ-II	20
74ABT620D	NXP Semiconductor		SN74ABT620DW		S	SOIC	20
74ABT620DB	NXP Semiconductor		SN74ABT620DBR		S	SSOP	20
74ABT620DB-T	NXP Semiconductor		SN74ABT620DBR		S	SSOP	20
74ABT620D-T	NXP Semiconductor		SN74ABT620DWR		S	SOIC	20
74ABT620N	NXP Semiconductor		SN74ABT620N		S	PDIP	20
74ABT623D	NXP Semiconductor		SN74ABT623DW		S	SOIC	20
74ABT623DB	NXP Semiconductor		SN74ABT623DBR		S	SSOP	20
74ABT623DB-T	NXP Semiconductor		SN74ABT623DBR		S	SSOP	20
74ABT623D-T	NXP Semiconductor		SN74ABT623DWR		S	SOIC	20
74ABT623N	NXP Semiconductor		SN74ABT623N		S	PDIP	20
74ABT623PW	NXP Semiconductor		SN74ABT623PW		S	TSSOP	20
74ABT623PW-T	NXP Semiconductor		SN74ABT623PWR		S	TSSOP	20
74ABT640D	NXP Semiconductor		SN74ABT640DW		S	SOIC	20
74ABT640DB	NXP Semiconductor		SN74ABT640DBR		S	SSOP	20
74ABT640DB-T	NXP Semiconductor		SN74ABT640DBR		S	SSOP	20
74ABT640D-T	NXP Semiconductor		SN74ABT640DWR		S	SOIC	20
74ABT640N	NXP Semiconductor		SN74ABT640N		S	PDIP	20
74ABT640PW	NXP Semiconductor		SN74ABT640PW		S	TSSOP	20
74ABT640PW-T	NXP Semiconductor		SN74ABT640PWR		S	TSSOP	20
74ABT646AD	NXP Semiconductor		SN74ABT646ADW		S	SOIC	24
74ABT646ADB	NXP Semiconductor		SN74ABT646ADBR		S	SSOP	24
74ABT646ADB-T	NXP Semiconductor		SN74ABT646ADBR		S	SSOP	24
74ABT646AD-T	NXP Semiconductor		SN74ABT646ADWR		S	SOIC	24
74ABT646AN	NXP Semiconductor		SN74ABT646ANT		S	PDIP	24
74ABT646APW	NXP Semiconductor		SN74ABT646APW		S	TSSOP	24
74ABT646APW-T	NXP Semiconductor		SN74ABT646APWR		S	TSSOP	24
74ABT646CMSA	Fairchild Semiconductor	tpd differs	SN74ABT646DBR		S	SSOP	24
74ABT646CMSAX	Fairchild Semiconductor	Pb-Free	SN74ABT646DBR		S	SSOP	24
74ABT646CMTC	Fairchild Semiconductor		SN74ABT646PW		S	TSSOP	24

74ABT573ADB-T — 74ABT646CMTC

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74ABT646CMTCX	Fairchild Semiconductor		SN74ABT646PWR		S	TSSOP	24
74ABT646CSC	Fairchild Semiconductor	Pb-Free	SN74ABT646DW		S	SOIC	24
74ABT646CSCX	Fairchild Semiconductor	Pb-Free	SN74ABT646DWR		S	SOIC	24
74ABT651D	NXP Semiconductor		SN74ABT651DW		S	SOIC	24
74ABT651D-T	NXP Semiconductor		SN74ABT651DWR		S	SOIC	24
74ABT651N	NXP Semiconductor		SN74ABT651NT		S	PDIP	24
74ABT652AD	NXP Semiconductor		SN74ABT652ADW		S	SOIC	24
74ABT652ADB	NXP Semiconductor		SN74ABT652ADBR		S	SSOP	24
74ABT652ADB-T	NXP Semiconductor		SN74ABT652ADBR		S	SSOP	24
74ABT652AD-T	NXP Semiconductor		SN74ABT652ADWR		S	SOIC	24
74ABT652AN	NXP Semiconductor		SN74ABT652ANT		S	PDIP	24
74ABT652CMSA	Fairchild Semiconductor	tpd differs	SN74ABT652ADBR		S	SSOP	24
74ABT652CMSAX	Fairchild Semiconductor	Pb-Free	SN74ABT652ADBR		S	SSOP	24
74ABT652CSC	Fairchild Semiconductor	Pb-Free	SN74ABT652ADW		S	SOIC	24
74ABT652CSCX	Fairchild Semiconductor	Pb-Free	SN74ABT652ADWR		S	SOIC	24
74ABT657D	NXP Semiconductor		SN74ABT657ADW		S	SOIC	24
74ABT657DB	NXP Semiconductor		SN74ABT657ADBR		S	SSOP	24
74ABT657DB-T	NXP Semiconductor		SN74ABT657ADBR		S	SSOP	24
74ABT657D-T	NXP Semiconductor		SN74ABT657ADWR		S	SOIC	24
74ABT657N	NXP Semiconductor		SN74ABT657ANT		S	PDIP	24
74ABT821D	NXP Semiconductor		SN74ABT821ADW		S	SOIC	24
74ABT821DB	NXP Semiconductor		SN74ABT821ADBR		S	SSOP	24
74ABT821DB-T	NXP Semiconductor		SN74ABT821ADBR		S	SSOP	24
74ABT821DB-T	NXP Semiconductor		SN74ABT821ADBRE4		S	SSOP	24
74ABT821D-T	NXP Semiconductor		SN74ABT821ADWR		S	SOIC	24
74ABT821N	NXP Semiconductor		SN74ABT821ANT		S	PDIP	24
74ABT823D	NXP Semiconductor		SN74ABT823DW		S	SOIC	24
74ABT823DB	NXP Semiconductor		SN74ABT823DBR		S	SSOP	24
74ABT823DB-T	NXP Semiconductor		SN74ABT823DBR		S	SSOP	24
74ABT823D-T	NXP Semiconductor		SN74ABT823DWR		S	SOIC	24
74ABT823N	NXP Semiconductor		SN74ABT823NT		S	PDIP	24
74ABT833D	NXP Semiconductor		SN74ABT833DW		S	SOIC	24
74ABT833D-T	NXP Semiconductor		SN74ABT833DWR		S	SOIC	24
74ABT841D	NXP Semiconductor		SN74ABT841ADW		S	SOIC	24
74ABT841DB	NXP Semiconductor		SN74ABT841ADBR		S	SSOP	24
74ABT841DB-T	NXP Semiconductor		SN74ABT841ADBR		S	SSOP	24
74ABT841D-T	NXP Semiconductor		SN74ABT841ADWR		S	SOIC	24
74ABT841N	NXP Semiconductor		SN74ABT841ANT		S	PDIP	24
74ABT841PW	NXP Semiconductor		SN74ABT841APW		S	TSSOP	24
74ABT841PW-T	NXP Semiconductor		SN74ABT841APWR		S	TSSOP	24
74ABT843D	NXP Semiconductor		SN74ABT843DW		S	SOIC	24
74ABT843DB	NXP Semiconductor		SN74ABT843DBR		S	SSOP	24
74ABT843DB-T	NXP Semiconductor		SN74ABT843DBR		S	SSOP	24
74ABT843D-T	NXP Semiconductor		SN74ABT843DWR		S	SOIC	24
74ABT843N	NXP Semiconductor		SN74ABT843NT		S	PDIP	24
74ABT853D	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT853DW		S	SOIC	24
74ABT853DB	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT853DBR		S	SSOP	24
74ABT853DB-T	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT853DBR		S	SSOP	24
74ABT853D-T	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT853DWR		S	SOIC	24
74ABT853N	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT853NT		S	PDIP	24
74ABT853PW	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT853PW		S	TSSOP	24
74ABT853PW-T	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT853PWR		S	TSSOP	24
74ABT861D	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT861DW		S	SOIC	24
74ABT861D-T	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT861DWR		S	SOIC	24
74ABT861N	NXP Semiconductor	Discontinued DN-54A, 12/31/2004	SN74ABT861NT		S	PDIP	24
74ABT863D	NXP Semiconductor		SN74ABT863DW		S	SOIC	24
74ABT863DB	NXP Semiconductor		SN74ABT863DBR		S	SSOP	24
74ABT863DB-T	NXP Semiconductor		SN74ABT863DBR		S	SSOP	24
74ABT863D-T	NXP Semiconductor		SN74ABT863DWR		S	SOIC	24
74ABT863N	NXP Semiconductor		SN74ABT863NT		S	PDIP	24
74ABTH162244DGG	NXP Semiconductor		SN74ABT162244DGG	No bus-hold,	Q	TSSOP	48
74ABTH162244DGG-T	NXP Semiconductor		SN74ABT162244DGG	No bus-hold	Q	TSSOP	48
74ABTH162244DL	NXP Semiconductor		SN74ABT162244DL	No bus-hold	Q	SSOP	48
74ABTH162244DL-T	NXP Semiconductor		SN74ABT162244DLR	No bus-hold	Q	SSOP	48

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74ABTH162245ADGG	NXP Semiconductor		SN74ABTH162245DGGR		S	TSSOP	48
74ABTH162245ADL	NXP Semiconductor		SN74ABTH162245DL		S	SSOP	48
74ABTH162245ADGG	NXP Semiconductor		SN74ABTH162245DGGR		S	TSSOP	48
74ABTH162245ADGG-T	NXP Semiconductor		SN74ABTH162245DGGR		S	TSSOP	48
74ABTH162245ADL	NXP Semiconductor		SN74ABTH162245DL		S	SSOP	48
74ABTH162245ADL-T	NXP Semiconductor		SN74ABTH162245DLR		S	SSOP	48
74ABTH16240ADGG	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16240ADGGR	No bus-hold,	Q	TSSOP	48
74ABTH16240ADGG-T	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16240ADGGR	No bus-hold	Q	TSSOP	48
74ABTH16240ADL	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16240ADL	No bus-hold	Q	SSOP	48
74ABTH16240ADL-T	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16240ADLR	No bus-hold	Q	SSOP	48
74ABTH16241ADGG	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16241ADGGR	No bus-hold,	Q	TSSOP	48
74ABTH16241ADGG-T	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16241ADGGR	No bus-hold	Q	TSSOP	48
74ABTH16241ADL	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16241ADL	No bus-hold	Q	SSOP	48
74ABTH16241ADL-T	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16241ADLR	No bus-hold	Q	SSOP	48
74ABTH16244ADGG	NXP Semiconductor		SN74ABTH16244DGGR		S	TSSOP	48
74ABTH16244ADGG-T	NXP Semiconductor		SN74ABTH16244DGGR		S	TSSOP	48
74ABTH16244ADL	NXP Semiconductor		SN74ABTH16244DL		S	SSOP	48
74ABTH16244ADL-T	NXP Semiconductor		SN74ABTH16244DLR		S	SSOP	48
74ABTH16245BDGG	NXP Semiconductor		SN74ABTH16245DGGR		S	TSSOP	48
74ABTH16245BDL	NXP Semiconductor		SN74ABTH16245DL		S	SSOP	48
74ABTH16245BDL-T	NXP Semiconductor		SN74ABTH16245DLR		S	SSOP	48
74ABTH16373BDGG	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16373ADGGR	No bus-hold,	Q	TSSOP	48
74ABTH16373BDGG-T	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16373ADGGR	No bus-hold	Q	TSSOP	48
74ABTH16373BDL	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16373ADL	No bus-hold	Q	SSOP	48
74ABTH16373BDL-T	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16373ADLR	No bus-hold	Q	SSOP	48
74ABTH16374BDGG	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16374ADGGR	No bus-hold,	Q	TSSOP	48
74ABTH16374BDGG-T	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16374ADGGR	No bus-hold	Q	TSSOP	48
74ABTH16374BDL	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16374ADL	No bus-hold	Q	SSOP	48
74ABTH16374BDL-T	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16374ADLR	No bus-hold	Q	SSOP	48
74ABTH16500CDGG	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16500BDGGR	No bus-hold,	Q	TSSOP	56
74ABTH16500CDGG-T	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16500BDGGR	No bus-hold	Q	TSSOP	56
74ABTH16500CDL	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16500BDL	No bus-hold	Q	SSOP	56
74ABTH16500CDL-T	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16500BDLR	No bus-hold	Q	SSOP	56
74ABTH16541DGG	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16541ADGGR	No bus-hold,	Q	TSSOP	48
74ABTH16541DGG-T	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16541ADGGR	No bus-hold	Q	TSSOP	48
74ABTH16541DL	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16541ADL	No bus-hold	Q	SSOP	48
74ABTH16541DL-T	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16541ADLR	No bus-hold	Q	SSOP	48
74ABTH16646DGG	NXP Semiconductor		SN74ABT16646DGGR	No bus-hold,	Q	TSSOP	56
74ABTH16646DGG-T	NXP Semiconductor		SN74ABT16646DGGR	No bus-hold	Q	TSSOP	56
74ABTH16646DL	NXP Semiconductor		SN74ABT16646DL	No bus-hold	Q	SSOP	56
74ABTH16646DL-T	NXP Semiconductor		SN74ABT16646DLR	No bus-hold	Q	SSOP	56
74ABTH16821ADGG	NXP Semiconductor		SN74ABT16821DGGR	No bus-hold,	Q	TSSOP	56
74ABTH16821ADGG-T	NXP Semiconductor		SN74ABT16821DGGR	No bus-hold	Q	TSSOP	56
74ABTH16823ADL-T	NXP Semiconductor		SN74ABTH16823DLR		S	SSOP	56
74ABTH16825ADL	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16825DL	No bus-hold	Q	SSOP	56
74ABTH16825ADL-T	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16825DLR	No bus-hold	Q	SSOP	56
74ABTH16841ADL	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16841DL	No bus-hold	Q	SSOP	56
74ABTH16841ADL-T	NXP Semiconductor	Bus-Hold, discontinued DN54A, 12/31/04	SN74ABT16841DLR	No bus-hold	Q	SSOP	56
74AC00B	ST Microelectronics (STM)		CD74AC00E		S	PDIP	14
74AC00M	ST Microelectronics (STM)		CD74AC00M		S	SOIC	14
74AC00MTC	Fairchild Semiconductor		SN74AC00PW		S	TSSOP	14
74AC00MTCX	Fairchild Semiconductor		SN74AC00PWR		S	TSSOP	14
74AC00MTR	ST Microelectronics (STM)		CD74AC00M96		S	SOIC	14
74AC00PC	Fairchild Semiconductor	tpd differs	CD74AC00E		S	PDIP	14
74AC00SC	Fairchild Semiconductor	tpd differs	CD74AC00M		S	SOIC	14
74AC00SC	Fairchild Semiconductor		SN74AC00D		S	SOIC	14
74AC00SC	Fairchild Semiconductor		SN74AC00DE4		S	SOIC	14
74AC00SCX	Fairchild Semiconductor	tpd differs	CD74AC00M96		S	SOIC	14
74AC00SCX	Fairchild Semiconductor		SN74AC00DR		S	SOIC	14
74AC00SCX	Fairchild Semiconductor		SN74AC00DRE4		S	SOIC	14
74AC00SJ	Fairchild Semiconductor		SN74AC00NSR		S	SOP-EIAJ-II	14
74AC00SJX	Fairchild Semiconductor		SN74AC00NSR		S	SOP-EIAJ-II	14
74AC00TTR	ST Microelectronics (STM)		SN74AC00PWR		S	TSSOP	14
74AC02B	ST Microelectronics (STM)		CD74AC02E		S	PDIP	14

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74AC02M	ST Microelectronics (STM)		CD74AC02M		S	SOIC	14
74AC02MTR	ST Microelectronics (STM)		CD74AC02M96		S	SOIC	14
74AC02PC	Fairchild Semiconductor		CD74AC02E		S	PDIP	14
74AC02SC	Fairchild Semiconductor		CD74AC02M		S	SOIC	14
74AC02SCX	Fairchild Semiconductor		CD74AC02M96		S	SOIC	14
74AC04B	ST Microelectronics (STM)		CD74AC04E		S	PDIP	14
74AC04M	ST Microelectronics (STM)		CD74AC04M		S	SOIC	14
74AC04MTC	Fairchild Semiconductor		SN74AC04PW		S	TSSOP	14
74AC04MTCX	Fairchild Semiconductor		SN74AC04PWR		S	TSSOP	14
74AC04MTR	ST Microelectronics (STM)		CD74AC04M96		S	SOIC	14
74AC04PC	Fairchild Semiconductor		CD74AC04E		S	PDIP	14
74AC04SC	Fairchild Semiconductor		CD74AC04M		S	SOIC	14
74AC04SCX	Fairchild Semiconductor		CD74AC04M96		S	SOIC	14
74AC04SJ	Fairchild Semiconductor		SN74AC04NSR		S	SOP	14
74AC04SJX	Fairchild Semiconductor		SN74AC04NSR		S	SOP-EIAJ-II	14
74AC04TTR	ST Microelectronics (STM)		SN74AC04PWR		S	TSSOP	14
74AC05SC	Fairchild Semiconductor		CD74AC05M		S	SOIC	14
74AC05SCX	Fairchild Semiconductor		CD74AC05M96		S	SOIC	14
74AC08B	ST Microelectronics (STM)		CD74AC08E		S	PDIP	14
74AC08M	ST Microelectronics (STM)		CD74AC08M		S	SOIC	14
74AC08MTC	Fairchild Semiconductor		SN74AC08PW		S	TSSOP	14
74AC08MTCX	Fairchild Semiconductor		SN74AC08PWR		S	TSSOP	14
74AC08MTR	ST Microelectronics (STM)		CD74AC08M96		S	SOIC	14
74AC08PC	Fairchild Semiconductor	tpd, Vs differ	CD74AC08E		S	PDIP	14
74AC08SC	Fairchild Semiconductor	tpd, Vs differ	CD74AC08M		S	SOIC	14
74AC08SCX	Fairchild Semiconductor	tpd, Vs differ	CD74AC08M96		S	SOIC	14
74AC08SJ	Fairchild Semiconductor		SN74AC08NSR		S	SOP-EIAJ-II	14
74AC08SJX	Fairchild Semiconductor		SN74AC08NSR		S	SOP-EIAJ-II	14
74AC08TTR	ST Microelectronics (STM)		SN74AC08PWR		S	TSSOP	14
74AC109PC	Fairchild Semiconductor		CD74AC109E		S	PDIP	16
74AC109SC	Fairchild Semiconductor		CD74AC109M96		S	SOIC	16
74AC109SCX	Fairchild Semiconductor		CD74AC109M96		S	SOIC	16
74AC109SCX	Fairchild Semiconductor	tpd differs	CD74AC109M96E4		S	SOIC	16
74AC109SCX_NL	Fairchild Semiconductor	tpd differs	CD74AC109M96E4		S	SOIC	16
74AC10B	ST Microelectronics (STM)		CD74AC10E		S	PDIP	14
74AC10M	ST Microelectronics (STM)		CD74AC10M		S	SOIC	14
74AC10MTC	Fairchild Semiconductor		SN74AC10PW		S	TSSOP	14
74AC10MTC	Fairchild Semiconductor		SN74AC10PWE4		S	TSSOP	14
74AC10MTCX	Fairchild Semiconductor		SN74AC10PWR		S	TSSOP	14
74AC10MTCX	Fairchild Semiconductor		SN74AC10PWRE4		S	TSSOP	14
74AC10MTR	ST Microelectronics (STM)		CD74AC10M96		S	SOIC	14
74AC10PC	Fairchild Semiconductor	tpd differs	CD74AC10E		S	PDIP	14
74AC10PC	Fairchild Semiconductor		SN74AC10N		S	PDIP	14
74AC10PC_NL	Fairchild Semiconductor		SN74AC10N		S	PDIP	14
74AC10SC	Fairchild Semiconductor	tpd differs	CD74AC10M		S	SOIC	14
74AC10SC	Fairchild Semiconductor		SN74AC10D		S	SOIC	14
74AC10SC	Fairchild Semiconductor		SN74AC10DE4		S	SOIC	14
74AC10SCX	Fairchild Semiconductor	tpd differs	CD74AC10M96		S	SOIC	14
74AC10SCX	Fairchild Semiconductor		SN74AC10DR		S	SOIC	14
74AC10SCX	Fairchild Semiconductor		SN74AC10DRE4		S	SOIC	14
74AC10SJ	Fairchild Semiconductor		SN74AC10NSR		S	SOP-EIAJ-II	14
74AC10SJX	Fairchild Semiconductor		SN74AC10NSR		S	SOP-EIAJ-II	14
74AC10SJX	Fairchild Semiconductor		SN74AC10NSRE4		S	SOP-EIAJ-II	14
74AC10TTR	ST Microelectronics (STM)		SN74AC10PWR		S	TSSOP	14
74AC11B	ST Microelectronics (STM)		SN74AC11N		S	PDIP	14
74AC11M	ST Microelectronics (STM)		SN74AC11D		S	SOIC	14
74AC11M	ST Microelectronics (STM)	tpd differs	SN74AC11DE4		S	SOIC	14
74AC11MTC	Fairchild Semiconductor		SN74AC11PW		S	TSSOP	14
74AC11MTCX	Fairchild Semiconductor		SN74AC11PWR		S	TSSOP	14
74AC11MTR	ST Microelectronics (STM)		SN74AC11DR		S	SOIC	14
74AC11MTR	ST Microelectronics (STM)	tpd differs	SN74AC11DRE4		S	SOIC	14
74AC11PC	Fairchild Semiconductor		SN74AC11N		S	PDIP	14
74AC11SC	Fairchild Semiconductor		SN74AC11D		S	SOIC	14
74AC11SC	Fairchild Semiconductor		SN74AC11DE4		S	SOIC	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74AC11SCX	Fairchild Semiconductor		SN74AC11DR		S	SOIC	14
74AC11SCX	Fairchild Semiconductor		SN74AC11DRE4		S	SOIC	14
74AC11SJ	Fairchild Semiconductor		SN74AC11NSR		S	SOP-EIAJ-II	14
74AC11SJX	Fairchild Semiconductor		SN74AC11NSR		S	SOP-EIAJ-II	14
74AC11TTR	ST Microelectronics (STM)		SN74AC11PWR		S	TSSOP	14
74AC138B	ST Microelectronics (STM)		CD74AC138E		S	PDIP	16
74AC138M	ST Microelectronics (STM)		CD74AC138M		S	SOIC	16
74AC138MTR	ST Microelectronics (STM)		CD74AC138M96		S	SOIC	16
74AC138PC	Fairchild Semiconductor		CD74AC138E		S	PDIP	16
74AC138SC	Fairchild Semiconductor		CD74AC138M		S	SOIC	16
74AC138SCX	Fairchild Semiconductor		CD74AC138M96		S	SOIC	16
74AC139PC	Fairchild Semiconductor		CD74AC139E		S	PDIP	16
74AC139SC	Fairchild Semiconductor		CD74AC139M		S	SOIC	16
74AC139SCX	Fairchild Semiconductor		CD74AC139M96		S	SOIC	16
74AC14B	ST Microelectronics (STM)		CD74AC14E		S	PDIP	14
74AC14M	ST Microelectronics (STM)		CD74AC14M		S	SOIC	14
74AC14MTC	Fairchild Semiconductor		SN74AC14PW		S	TSSOP	14
74AC14MTCX	Fairchild Semiconductor		SN74AC14PWR		S	TSSOP	14
74AC14MTR	ST Microelectronics (STM)		CD74AC14M96		S	SOIC	14
74AC14PC	Fairchild Semiconductor		CD74AC14E		S	PDIP	14
74AC14SC	Fairchild Semiconductor		CD74AC14M		S	SOIC	14
74AC14SCX	Fairchild Semiconductor		CD74AC14M96		S	SOIC	14
74AC14SJ	Fairchild Semiconductor		SN74AC14NSR		S	SOP	14
74AC14SJX	Fairchild Semiconductor		SN74AC14NSR		S	SOP-EIAJ-II	14
74AC14TTR	ST Microelectronics (STM)		SN74AC14PWR		S	TSSOP	14
74AC151PC	Fairchild Semiconductor		CD74AC151E		S	PDIP	16
74AC151SC	Fairchild Semiconductor	tpd differs	CD74AC151M96		S	SOIC	16
74AC151SCX	Fairchild Semiconductor		CD74AC151M96		S	SOIC	16
74AC153PC	Fairchild Semiconductor		CD74AC153E		S	PDIP	16
74AC153SC	Fairchild Semiconductor		CD74AC153M		S	SOIC	16
74AC153SCX	Fairchild Semiconductor		CD74AC153M96		S	SOIC	16
74AC157B	ST Microelectronics (STM)		CD74AC157E		S	PDIP	16
74AC157M	ST Microelectronics (STM)		CD74AC157M		S	SOIC	16
74AC157MTR	ST Microelectronics (STM)		CD74AC157M96		S	SOIC	16
74AC157PC	Fairchild Semiconductor		CD74AC157E		S	PDIP	16
74AC157SC	Fairchild Semiconductor		CD74AC157M		S	SOIC	16
74AC157SCX	Fairchild Semiconductor		CD74AC157M96		S	SOIC	16
74AC158M	ST Microelectronics (STM)		CD74AC158M		S	SOIC	16
74AC158MTR	ST Microelectronics (STM)	tpd differs	CD74AC158M		S	SOIC	16
74AC161B	ST Microelectronics (STM)		CD74AC161E		S	PDIP	16
74AC161M	ST Microelectronics (STM)		CD74AC161M		S	SOIC	16
74AC161M	ST Microelectronics (STM)	tpd differs	CD74AC161M96		S	SOIC	16
74AC161MTR	ST Microelectronics (STM)		CD74AC161M96		S	SOIC	16
74AC161PC	Fairchild Semiconductor		CD74AC161E		S	PDIP	16
74AC161SC	Fairchild Semiconductor		CD74AC161M		S	SOIC	16
74AC161SCX	Fairchild Semiconductor		CD74AC161M96		S	SOIC	16
74AC16244SSC	Fairchild Semiconductor		74AC16244DL		S	SSOP	48
74AC16244SSCX	Fairchild Semiconductor		74AC16244DLR		S	SSOP	48
74AC16244TTR	ST Microelectronics (STM)		74AC16244DGGR		S	TSSOP	48
74AC163B	ST Microelectronics (STM)		CD74AC163E		S	PDIP	16
74AC163M	ST Microelectronics (STM)		CD74AC163M		S	SOIC	16
74AC163M	ST Microelectronics (STM)	tpd differs	CD74AC163M96		S	SOIC	16
74AC163MTR	ST Microelectronics (STM)		CD74AC163M96		S	SOIC	16
74AC163PC	Fairchild Semiconductor		CD74AC163E		S	PDIP	16
74AC163SC	Fairchild Semiconductor		CD74AC163M		S	SOIC	16
74AC163SCX	Fairchild Semiconductor		CD74AC163M96		S	SOIC	16
74AC174B	ST Microelectronics (STM)		CD74AC174E		S	PDIP	16
74AC174M	ST Microelectronics (STM)		CD74AC174M		S	SOIC	16
74AC174M	ST Microelectronics (STM)	tpd differs	CD74AC174ME4		S	SOIC	16
74AC174MTR	ST Microelectronics (STM)		CD74AC174M96		S	SOIC	16
74AC174MTR	ST Microelectronics (STM)	tpd differs	CD74AC174M96E4		S	SOIC	16
74AC174PC	Fairchild Semiconductor		CD74AC174E		S	PDIP	16
74AC174SC	Fairchild Semiconductor		CD74AC174M		S	SOIC	16
74AC174SC	Fairchild Semiconductor	tpd differs	CD74AC174ME4		S	SOIC	16

74AC11SCX — 74AC174SC

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74AC174SCX	Fairchild Semiconductor		CD74AC174M96		S	SOIC	16
74AC174SCX	Fairchild Semiconductor	tpd differs	CD74AC174M96E4		S	SOIC	16
74AC174SCX_NL	Fairchild Semiconductor	tpd differs	CD74AC174M96		S	SOIC	16
74AC174SCX_NL	Fairchild Semiconductor	tpd differs	CD74AC174M96E4		S	SOIC	16
74AC175SC	Fairchild Semiconductor		CD74AC175M		S	SOIC	16
74AC175SC	Fairchild Semiconductor	tpd differs	CD74AC175M96		S	SOIC	16
74AC175SC	Fairchild Semiconductor	tpd differs	CD74AC175ME4		S	SOIC	16
74AC175SCX	Fairchild Semiconductor		CD74AC175M96		S	SOIC	16
74AC175SCX	Fairchild Semiconductor	tpd differs	CD74AC175M96E4		S	SOIC	16
74AC175SCX_NL	Fairchild Semiconductor	tpd differs	CD74AC175M96		S	SOIC	16
74AC175SCX_NL	Fairchild Semiconductor	tpd differs	CD74AC175M96E4		S	SOIC	16
74AC175SJ	Fairchild Semiconductor		CD74AC175NSR		S	SOP-EIAJ-II	16
74AC175JX	Fairchild Semiconductor		CD74AC175NSR		S	SOP-EIAJ-II	16
74AC20B	ST Microelectronics (STM)		CD74AC20E		S	PDIP	14
74AC20M	ST Microelectronics (STM)		CD74AC20M		S	SOIC	14
74AC20MTR	ST Microelectronics (STM)		CD74AC20M96		S	SOIC	14
74AC20PC	Fairchild Semiconductor		CD74AC20E		S	PDIP	14
74AC20SC	Fairchild Semiconductor		CD74AC20M		S	SOIC	14
74AC20SCX	Fairchild Semiconductor		CD74AC20M96		S	SOIC	14
74AC240B	ST Microelectronics (STM)		CD74AC240E		S	PDIP	20
74AC240B	ST Microelectronics (STM)		SN74AC240N		S	PDIP	20
74AC240B	ST Microelectronics (STM)		SN74AC240NE4		S	PDIP	20
74AC240M	ST Microelectronics (STM)		CD74AC240M		S	SOIC	20
74AC240M	ST Microelectronics (STM)		SN74AC240DW		S	SOIC	20
74AC240MTC	Fairchild Semiconductor		SN74AC240PW		S	TSSOP	20
74AC240MTCX	Fairchild Semiconductor		SN74AC240PWR		S	TSSOP	20
74AC240MTR	ST Microelectronics (STM)		CD74AC240M96		S	SOIC	20
74AC240MTR	ST Microelectronics (STM)		SN74AC240DWR		S	SOIC	20
74AC240PC	Fairchild Semiconductor	tpd, Vs differ	CD74AC240E		S	PDIP	20
74AC240PC	Fairchild Semiconductor		SN74AC240N		S	PDIP	20
74AC240SC	Fairchild Semiconductor	tpd, Vs differ	CD74AC240M		S	SOIC	20
74AC240SC	Fairchild Semiconductor		SN74AC240DW		S	SOIC	20
74AC240SCX	Fairchild Semiconductor	tpd, Vs differ	CD74AC240M96		S	SOIC	20
74AC240SCX	Fairchild Semiconductor		SN74AC240DWR		S	SOIC	20
74AC240SJ	Fairchild Semiconductor		SN74AC240NSR		S	SOP-EIAJ-II	20
74AC240SJX	Fairchild Semiconductor		SN74AC240NSR		S	SOP-EIAJ-II	20
74AC240TTR	ST Microelectronics (STM)		SN74AC240PWR		S	TSSOP	20
74AC241MTC	Fairchild Semiconductor		SN74AC241PW		S	TSSOP	20
74AC241MTCX	Fairchild Semiconductor		SN74AC241PWR		S	TSSOP	20
74AC241PC	Fairchild Semiconductor		SN74AC241N		S	PDIP	20
74AC241SC	Fairchild Semiconductor		SN74AC241DW		S	SOIC	20
74AC241SCX	Fairchild Semiconductor		SN74AC241DWR		S	SOIC	20
74AC241SJ	Fairchild Semiconductor		SN74AC241NSR		S	SOP-EIAJ-II	20
74AC241SJX	Fairchild Semiconductor		SN74AC241NSR		S	SOP-EIAJ-II	20
74AC244B	ST Microelectronics (STM)		CD74AC244E		S	PDIP	20
74AC244B	ST Microelectronics (STM)		SN74AC244N		S	PDIP	20
74AC244M	ST Microelectronics (STM)		CD74AC244M		S	SOIC	20
74AC244M	ST Microelectronics (STM)		SN74AC244DW		S	SOIC	20
74AC244MTC	Fairchild Semiconductor		SN74AC244PW		S	TSSOP	20
74AC244MTCX	Fairchild Semiconductor		SN74AC244PWR		S	TSSOP	20
74AC244MTR	ST Microelectronics (STM)		CD74AC244M96		S	SOIC	20
74AC244MTR	ST Microelectronics (STM)		SN74AC244DWR		S	SOIC	20
74AC244PC	Fairchild Semiconductor	tpd differs	CD74AC244E		S	PDIP	20
74AC244PC	Fairchild Semiconductor		SN74AC244N		S	PDIP	20
74AC244PC_NL	Fairchild Semiconductor		SN74AC244N		S	PDIP	20
74AC244SC	Fairchild Semiconductor	tpd differs	CD74AC244M		S	SOIC	20
74AC244SC	Fairchild Semiconductor		SN74AC244DW		S	SOIC	20
74AC244SCX	Fairchild Semiconductor	tpd differs	CD74AC244M96		S	SOIC	20
74AC244SCX	Fairchild Semiconductor		SN74AC244DWR		S	SOIC	20
74AC244SJ	Fairchild Semiconductor		SN74AC244NSR		S	SOP-EIAJ-II	20
74AC244SJX	Fairchild Semiconductor		SN74AC244NSR		S	SOP-EIAJ-II	20
74AC244TTR	ST Microelectronics (STM)		SN74AC244PWR		S	TSSOP	20
74AC245B	ST Microelectronics (STM)		CD74AC245E		S	PDIP	20
74AC245B	ST Microelectronics (STM)		SN74AC245N		S	PDIP	20

#### Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74AC245M	ST Microelectronics (STM)		CD74AC245M		S	SOIC	20
74AC245MTC	Fairchild Semiconductor		SN74AC245PW		S	TSSOP	20
74AC245MTCX	Fairchild Semiconductor		SN74AC245PWR		S	TSSOP	20
74AC245MTR	ST Microelectronics (STM)		CD74AC245M96		S	SOIC	20
74AC245PC	Fairchild Semiconductor	tpd differs	CD74AC245E		S	PDIP	20
74AC245PC	Fairchild Semiconductor		SN74AC245N		S	PDIP	20
74AC245SC	Fairchild Semiconductor	tpd differs	CD74AC245M		S	SOIC	20
74AC245SC	Fairchild Semiconductor		SN74AC245DW		S	SOIC	20
74AC245SCX	Fairchild Semiconductor	tpd differs	CD74AC245M96		S	SOIC	20
74AC245SCX	Fairchild Semiconductor		SN74AC245DWR		S	SOIC	20
74AC245SJ	Fairchild Semiconductor		SN74AC245NSR		S	SOP	20
74AC245SJX	Fairchild Semiconductor		SN74AC245NSR		S	SOP-EIAJ-II	20
74AC245TTR	ST Microelectronics (STM)		SN74AC245PWR		S	TSSOP	20
74AC251SC	Fairchild Semiconductor		CD74AC251M		S	SOIC	16
74AC251SCX	Fairchild Semiconductor		CD74AC251M96		S	SOIC	16
74AC253SC	Fairchild Semiconductor		CD74AC253M		S	SOIC	16
74AC253SCX	Fairchild Semiconductor		CD74AC253M96		S	SOIC	16
74AC257B	ST Microelectronics (STM)		CD74AC257E		S	PDIP	16
74AC257M	ST Microelectronics (STM)		CD74AC257M		S	SOIC	16
74AC257MTR	ST Microelectronics (STM)		CD74AC257M96		S	SOIC	16
74AC257PC	Fairchild Semiconductor		CD74AC257E		S	PDIP	16
74AC257SC	Fairchild Semiconductor		CD74AC257M		S	SOIC	16
74AC257SCX	Fairchild Semiconductor		CD74AC257M96		S	SOIC	16
74AC273B	ST Microelectronics (STM)		CD74AC273E		S	PDIP	20
74AC273M	ST Microelectronics (STM)		CD74AC273M		S	SOIC	20
74AC273M	ST Microelectronics (STM)	tpd differs	CD74AC273ME4		S	SOIC	20
74AC273MTR	ST Microelectronics (STM)		CD74AC273M96		S	SOIC	20
74AC273MTR	ST Microelectronics (STM)	tpd differs	CD74AC273M96E4		S	SOIC	20
74AC273PC	Fairchild Semiconductor		CD74AC273E		S	PDIP	20
74AC273SC	Fairchild Semiconductor		CD74AC273M		S	SOIC	20
74AC273SC	Fairchild Semiconductor	tpd differs	CD74AC273ME4		S	SOIC	20
74AC273SCX	Fairchild Semiconductor		CD74AC273M96		S	SOIC	20
74AC273SCX	Fairchild Semiconductor	tpd differs	CD74AC273M96E4		S	SOIC	20
74AC280B	ST Microelectronics (STM)		CD74AC280E		S	PDIP	14
74AC280M	ST Microelectronics (STM)		CD74AC280M		S	SOIC	14
74AC280MTR	ST Microelectronics (STM)		CD74AC280M96		S	SOIC	14
74AC280SC	Fairchild Semiconductor		CD74AC280M		S	SOIC	14
74AC280SCX	Fairchild Semiconductor		CD74AC280M96		S	SOIC	14
74AC299M	ST Microelectronics (STM)		CD74AC299M96		S	SOIC	20
74AC299MTR	ST Microelectronics (STM)		CD74AC299M96		S	SOIC	20
74AC299SC	Fairchild Semiconductor		CD74AC299M96		S	SOIC	20
74AC299SCX	Fairchild Semiconductor		CD74AC299M96		S	SOIC	20
74AC32B	ST Microelectronics (STM)		CD74AC32E		S	PDIP	14
74AC32M	ST Microelectronics (STM)		CD74AC32M		S	SOIC	14
74AC32MTC	Fairchild Semiconductor		SN74AC32PW		S	TSSOP	14
74AC32MTCX	Fairchild Semiconductor		SN74AC32PWR		S	TSSOP	14
74AC32MTR	ST Microelectronics (STM)		CD74AC32M96		S	SOIC	14
74AC32PC	Fairchild Semiconductor	tpd, Vs differ	CD74AC32E		S	PDIP	14
74AC32SC	Fairchild Semiconductor	tpd, Vs differ	CD74AC32M		S	SOIC	14
74AC32SCX	Fairchild Semiconductor	tpd, Vs differ	CD74AC32M96		S	SOIC	14
74AC32SJ	Fairchild Semiconductor		SN74AC32NSR		S	SOP-EIAJ-II	14
74AC32SJX	Fairchild Semiconductor		SN74AC32NSR		S	SOP-EIAJ-II	14
74AC32TTR	ST Microelectronics (STM)		SN74AC32PWR		S	TSSOP	14
74AC373B	ST Microelectronics (STM)		CD74AC373E		S	PDIP	20
74AC373B	ST Microelectronics (STM)		SN74AC373N		S	PDIP	20
74AC373M	ST Microelectronics (STM)		CD74AC373M		S	SOIC	20
74AC373M	ST Microelectronics (STM)		SN74AC373DW		S	SOP	20
74AC373MTC	Fairchild Semiconductor		SN74AC373PW		S	TSSOP	20
74AC373MTCX	Fairchild Semiconductor		SN74AC373PWR		S	TSSOP	20
74AC373MTR	ST Microelectronics (STM)		CD74AC373M96		S	SOIC	20
74AC373MTR	ST Microelectronics (STM)		SN74AC373DWR		S	SOP	20
74AC373PC	Fairchild Semiconductor		CD74AC373E		S	PDIP	20
74AC373PC	Fairchild Semiconductor		SN74AC373N		S	PDIP	20
74AC373SC	Fairchild Semiconductor		CD74AC373M		S	SOIC	20

74AC245M — 74AC373SC

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74AC373SC	Fairchild Semiconductor		SN74AC373DWW		S	SOIC	20
74AC373SCX	Fairchild Semiconductor		CD74AC373M96		S	SOP	20
74AC373SCX	Fairchild Semiconductor		SN74AC373DWR		S	SOP	20
74AC373SJ	Fairchild Semiconductor		SN74AC373NSR		S	SOP	20
74AC373SJX	Fairchild Semiconductor		SN74AC373NSR		S	SOP-EIAJ-II	20
74AC373TTR	ST Microelectronics (STM)		SN74AC373PWR		S	TSSOP	20
74AC374B	ST Microelectronics (STM)		CD74AC374E		S	PDIP	20
74AC374B	ST Microelectronics (STM)	tpd differs	SN74AC374N		S	PDIP	20
74AC374M	ST Microelectronics (STM)		CD74AC374M		S	SOIC	20
74AC374M	ST Microelectronics (STM)	tpd differs	CD74AC374ME4		S	SOIC	20
74AC374M	ST Microelectronics (STM)	tpd differs	SN74AC374DW		S	SOIC	20
74AC374M	ST Microelectronics (STM)	tpd differs	SN74AC574DWW		S	SOIC	20
74AC374MTC	Fairchild Semiconductor		SN74AC374PW		S	TSSOP	20
74AC374MTC	Fairchild Semiconductor	tpd differs	SN74AC564PW		S	TSSOP	20
74AC374MTCX	Fairchild Semiconductor		SN74AC374PWR		S	TSSOP	20
74AC374MTR	ST Microelectronics (STM)		CD74AC374M96		S	SOIC	20
74AC374MTR	ST Microelectronics (STM)	tpd differs	CD74AC374M96E4		S	SOIC	20
74AC374MTR	ST Microelectronics (STM)	tpd differs	SN74AC374DWR		S	SOIC	20
74AC374PC	Fairchild Semiconductor		CD74AC374E		S	PDIP	20
74AC374PC	Fairchild Semiconductor		SN74AC374N		S	PDIP	20
74AC374PC	Fairchild Semiconductor	tpd differs	SN74AC574N		S	PDIP	20
74AC374PC_NL	Fairchild Semiconductor		SN74AC374N		S	PDIP	20
74AC374PC_NL	Fairchild Semiconductor	tpd differs	SN74AC574N		S	PDIP	20
74AC374SC	Fairchild Semiconductor		CD74AC374M		S	SOIC	20
74AC374SC	Fairchild Semiconductor		CD74AC374ME4		S	SOIC	20
74AC374SC	Fairchild Semiconductor		SN74AC374DWW		S	SOIC	20
74AC374SC	Fairchild Semiconductor		SN74AC374DWE4		S	SOIC	20
74AC374SC	Fairchild Semiconductor	tpd differs	SN74AC574DW		S	SOIC	20
74AC374SCX	Fairchild Semiconductor		CD74AC374M96		S	SOIC	20
74AC374SCX	Fairchild Semiconductor		CD74AC374M96E4		S	SOIC	20
74AC374SCX	Fairchild Semiconductor		SN74AC374DWR		S	SOIC	20
74AC374SCX	Fairchild Semiconductor		SN74AC374DWRE4		S	SOIC	20
74AC374SCX	Fairchild Semiconductor	tpd differs	SN74AC574DWR		S	SOIC	20
74AC374SCX_NL	Fairchild Semiconductor		CD74AC374M96E4		S	SOIC	20
74AC374SCX_NL	Fairchild Semiconductor		SN74AC374DWR		S	SOIC	20
74AC374SCX_NL	Fairchild Semiconductor		SN74AC374DWRE4		S	SOIC	20
74AC374SCX_NL	Fairchild Semiconductor	tpd differs	SN74AC574DWR		S	SOIC	20
74AC374SJ	Fairchild Semiconductor		SN74AC374NSR		S	SOP-EIAJ-II	20
74AC374SJX	Fairchild Semiconductor		SN74AC374NSR		S	SOP-EIAJ-II	20
74AC374TTR	ST Microelectronics (STM)		SN74AC374PWR		S	TSSOP	20
74AC540SC	Fairchild Semiconductor		CD74AC540M		S	SOIC	20
74AC540SCX	Fairchild Semiconductor		CD74AC540M	Not available reeled, use tubed	S	SOIC	20
74AC541B	ST Microelectronics (STM)		CD74AC541E		S	PDIP	20
74AC541M	ST Microelectronics (STM)		CD74AC541M		S	SOIC	20
74AC541MTR	ST Microelectronics (STM)		CD74AC541M96		S	SOIC	20
74AC541PC	Fairchild Semiconductor		CD74AC541E		S	PDIP	20
74AC541SC	Fairchild Semiconductor		CD74AC541M		S	SOIC	20
74AC541SCX	Fairchild Semiconductor		CD74AC541M96		S	SOIC	20
74AC573B	ST Microelectronics (STM)		CD74AC573E		S	PDIP	20
74AC573B	ST Microelectronics (STM)		SN74AC573N		S	PDIP	20
74AC573M	ST Microelectronics (STM)		CD74AC573M		S	SOIC	20
74AC573MTC	Fairchild Semiconductor		SN74AC573PW		S	TSSOP	20
74AC573MTCX	Fairchild Semiconductor		SN74AC573PWR		S	TSSOP	20
74AC573MTR	ST Microelectronics (STM)		CD74AC573M96		S	SOIC	20
74AC573MTR	ST Microelectronics (STM)		SN74AC573DWR		S	SOP	20
74AC573PC	Fairchild Semiconductor		CD74AC573E		S	PDIP	20
74AC573PC	Fairchild Semiconductor		SN74AC573N		S	PDIP	20
74AC573SC	Fairchild Semiconductor		CD74AC573M		S	SOIC	20
74AC573SC	Fairchild Semiconductor		SN74AC573DWW		S	SOIC	20
74AC573SCX	Fairchild Semiconductor		CD74AC573M96		S	SOP	20
74AC573SCX	Fairchild Semiconductor		SN74AC573DWR		S	SOP	20
74AC573SJ	Fairchild Semiconductor		SN74AC573NSR		S	SOP	20
74AC573SJX	Fairchild Semiconductor		SN74AC573NSR		S	SOP-EIAJ-II	20
74AC573TTR	ST Microelectronics (STM)		SN74AC573PWR		S	TSSOP	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74AC574B	ST Microelectronics (STM)		CD74AC574E		S	PDIP	20
74AC574B	ST Microelectronics (STM)	tpd differs	SN74AC574N		S	PDIP	20
74AC574M	ST Microelectronics (STM)		CD74AC574M		S	SOIC	20
74AC574M	ST Microelectronics (STM)	tpd differs	CD74AC574ME4		S	SOIC	20
74AC574M	ST Microelectronics (STM)	tpd differs	SN74AC374DW		S	SOIC	20
74AC574M	ST Microelectronics (STM)	tpd differs	SN74AC574DW		S	SOIC	20
74AC574MTC	Fairchild Semiconductor	tpd differs	SN74AC564PW		S	TSSOP	20
74AC574MTC	Fairchild Semiconductor		SN74AC574PW		S	TSSOP	20
74AC574MTCX	Fairchild Semiconductor		SN74AC574PWR		S	TSSOP	20
74AC574MTR	ST Microelectronics (STM)		CD74AC574M96		S	SOIC	20
74AC574MTR	ST Microelectronics (STM)	tpd differs	CD74AC574M96E4		S	SOIC	20
74AC574MTR	ST Microelectronics (STM)	tpd differs	SN74AC374DWR		S	SOIC	20
74AC574MTR	ST Microelectronics (STM)	tpd differs	SN74AC574DWR		S	SOIC	20
74AC574PC	Fairchild Semiconductor	tpd differs	CD74AC574E		S	PDIP	20
74AC574PC	Fairchild Semiconductor		SN74AC374N		S	PDIP	20
74AC574PC	Fairchild Semiconductor	tpd differs	SN74AC574N		S	PDIP	20
74AC574PCX	Fairchild Semiconductor		SN74AC374N		S	PDIP	20
74AC574PCX	Fairchild Semiconductor	tpd differs	SN74AC574N		S	PDIP	20
74AC574SC	Fairchild Semiconductor	tpd differs	CD74AC574M		S	SOIC	20
74AC574SC	Fairchild Semiconductor	tpd differs	CD74AC574ME4		S	SOIC	20
74AC574SC	Fairchild Semiconductor		SN74AC374DW		S	SOIC	20
74AC574SC	Fairchild Semiconductor	tpd differs	SN74AC574DW		S	SOIC	20
74AC574SCX	Fairchild Semiconductor	tpd differs	CD74AC574M96E4		S	SOIC	20
74AC574SCX	Fairchild Semiconductor		SN74AC374DWR		S	SOIC	20
74AC574SCX	Fairchild Semiconductor	tpd differs	SN74AC574DWR		S	SOIC	20
74AC574SJ	Fairchild Semiconductor		SN74AC574NSR		S	SOP-EIAJ-II	20
74AC574SJX	Fairchild Semiconductor		SN74AC574NSR		S	SOP-EIAJ-II	20
74AC574TTR	ST Microelectronics (STM)		SN74AC574PWR		S	TSSOP	20
74AC646SC	Fairchild Semiconductor		CD74AC646M		S	SOIC	24
74AC646SCX	Fairchild Semiconductor		CD74AC646M96		S	SOIC	24
74AC74B	ST Microelectronics (STM)		CD74AC74E		S	PDIP	14
74AC74DCQR	National Semiconductor (NSC)	tpd differs	CD74AC74E	PDIP not CDIP	S	CDIP	14
74AC74DCQR	National Semiconductor (NSC)	tpd differs	SN74AC74N	PDIP not CDIP	S	CDIP	14
74AC74M	ST Microelectronics (STM)		CD74AC74M		S	SOIC	14
74AC74M	ST Microelectronics (STM)	tpd differs	SN74AC74D		S	SOIC	14
74AC74MTR	ST Microelectronics (STM)		CD74AC74M96		S	SOIC	14
74AC74MTR	ST Microelectronics (STM)		SN74AC74DR		S	SOIC	14
74AC74TTR	ST Microelectronics (STM)		SN74AC74PWR		S	TSSOP	14
74AC86B	ST Microelectronics (STM)		CD74AC86E		S	PDIP	14
74AC86M	ST Microelectronics (STM)		CD74AC86M		S	SOIC	14
74AC86MTC	Fairchild Semiconductor		SN74AC86PW		S	TSSOP	14
74AC86MTCX	Fairchild Semiconductor		SN74AC86PWR		S	TSSOP	14
74AC86MTR	ST Microelectronics (STM)		CD74AC86M96		S	SOIC	14
74AC86PC	Fairchild Semiconductor	tpd differs	CD74AC86E		S	PDIP	14
74AC86SC	Fairchild Semiconductor	tpd differs	CD74AC86M		S	SOIC	14
74AC86SCX	Fairchild Semiconductor	tpd differs	CD74AC86M96		S	SOIC	14
74AC86SJ	Fairchild Semiconductor		SN74AC86NSR		S	SOP-EIAJ-II	14
74AC86SJX	Fairchild Semiconductor		SN74AC86NSR		S	SOP-EIAJ-II	14
74AC86TTR	ST Microelectronics (STM)		SN74AC86PWR		S	TSSOP	14
74ACQ240PC	Fairchild Semiconductor	Quiet output	CD74AC240E	Not "Quiet" outputs, but otherwise drop-in	Q	PDIP	20
74ACQ240PC	Fairchild Semiconductor	Quiet output	SN74AC240N	Not "Quiet" outputs, but otherwise drop-in	S	PDIP	20
74ACQ240SC	Fairchild Semiconductor	Quiet output	CD74AC240M	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACQ240SC	Fairchild Semiconductor	Quiet output	SN74AC240DW	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACQ240SCX	Fairchild Semiconductor	Quiet output	CD74AC240M96	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACQ240SJ	Fairchild Semiconductor	Quiet output	SN74AC240NSR	Not "Quiet" outputs, but otherwise drop-in	Q	SOP-EIAJ-II	20
74ACQ240SJX	Fairchild Semiconductor	Quiet output	SN74AC240NSR	Not "Quiet" outputs, but otherwise drop-in	Q	SOP-EIAJ-II	20
74ACQ241PC	Fairchild Semiconductor	Quiet output	SN74AC241N	Not "Quiet" outputs, but otherwise drop-in	Q	PDIP	20
74ACQ241SC	Fairchild Semiconductor	Quiet output	SN74AC241DW	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACQ241SCX	Fairchild Semiconductor	Quiet output	SN74AC241DWR	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACQ244PC	Fairchild Semiconductor	Quiet output	CD74AC244E	Not "Quiet" outputs, but otherwise drop-in	Q	PDIP	20
74ACQ244PC	Fairchild Semiconductor	Quiet output	SN74AC244N	Not "Quiet" outputs, but otherwise drop-in	Q	PDIP	20
74ACQ244SC	Fairchild Semiconductor	Quiet output	CD74AC244M	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACQ244SC	Fairchild Semiconductor	Quiet output	SN74AC244DW	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACQ244SCX	Fairchild Semiconductor	Quiet output	CD74AC244M96	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74ACQ244SCX	Fairchild Semiconductor	Quiet output	SN74AC244DWR	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACQ244SJ	Fairchild Semiconductor	Quiet output	SN74AC244NSR	Not "Quiet" outputs, but otherwise drop-in	Q	SOP-EIAJ-II	20
74ACQ244SJX	Fairchild Semiconductor	Quiet output	SN74AC244NSR	Not "Quiet" outputs, but otherwise drop-in	Q	SOP-EIAJ-II	20
74ACQ245PC	Fairchild Semiconductor	Quiet output	CD74AC245E	Not "Quiet" outputs, but otherwise drop-in	Q	PDIP	20
74ACQ245SC	Fairchild Semiconductor	Quiet output	CD74AC245M	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACQ245SCX	Fairchild Semiconductor	Quiet output	CD74AC245M96	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACQ245SJ	Fairchild Semiconductor	Quiet output	SN74AC245NSR	Not "Quiet" outputs, but otherwise drop-in	Q	SOP-EIAJ-II	20
74ACQ245SJX	Fairchild Semiconductor	Quiet output	SN74AC245NSR	Not "Quiet" outputs, but otherwise drop-in	Q	SOP-EIAJ-II	20
74ACQ373PC	Fairchild Semiconductor	Quiet output	CD74AC373E	Not "Quiet" outputs, but otherwise drop-in	Q	PDIP	20
74ACQ373SC	Fairchild Semiconductor	Quiet output	CD74AC373M	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACQ373SCX	Fairchild Semiconductor	Quiet output	CD74AC373M96	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACQ373SJ	Fairchild Semiconductor	Quiet output	SN74AC373NSR	Not "Quiet" outputs, but otherwise drop-in	Q	SOP-EIAJ-II	20
74ACQ373SJX	Fairchild Semiconductor	Quiet output	SN74AC373NSR	Not "Quiet" outputs, but otherwise drop-in	Q	SOP-EIAJ-II	20
74ACQ374PC	Fairchild Semiconductor	Quiet output	CD74AC374E	Not "Quiet" outputs, but otherwise drop-in	Q	PDIP	20
74ACQ374SC	Fairchild Semiconductor	Quiet output	CD74AC374M	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACQ374SCX	Fairchild Semiconductor	Quiet output	CD74AC374M96	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACQ374SJ	Fairchild Semiconductor	Quiet output	SN74AC374NSR	Not "Quiet" outputs, but otherwise drop-in	Q	SOP-EIAJ-II	20
74ACQ374SJX	Fairchild Semiconductor	Quiet output	SN74AC374NSR	Not "Quiet" outputs, but otherwise drop-in	Q	SOP-EIAJ-II	20
74ACQ573MTC	Fairchild Semiconductor	Quiet output	SN74AC573PW	Not "Quiet" outputs, but otherwise drop-in	Q	TSSOP	20
74ACQ573MTCX	Fairchild Semiconductor	Quiet output	SN74AC573PWR	Not "Quiet" outputs, but otherwise drop-in	Q	TSSOP	20
74ACQ573PC	Fairchild Semiconductor	Quiet output	CD74AC573E	Not "Quiet" outputs, but otherwise drop-in	Q	PDIP	20
74ACQ573PC	Fairchild Semiconductor	Discontinued, Quiet output	SN74AC573N	Not Quiet outputs, but otherwise drop-in	Q	PDIP	20
74ACQ573SC	Fairchild Semiconductor	Quiet output	CD74AC573M	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACQ573SC	Fairchild Semiconductor	Quiet output	SN74AC573DW	Not Quiet outputs, but otherwise drop-in	Q	SOIC	20
74ACQ573SCX	Fairchild Semiconductor	Quiet output	CD74AC573M96	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACQ573SCX	Fairchild Semiconductor	Quiet output	SN74AC573DWR	Not Quiet outputs, but otherwise drop-in	Q	SOIC	20
74ACQ573SCX_NL	Fairchild Semiconductor	Pb-Free, Quiet output	SN74AC573DWR	Not Quiet outputs, but otherwise drop-in	Q	SOIC	20
74ACQ573SJ	Fairchild Semiconductor	Quiet output	SN74AC573NSR	Not "Quiet" outputs, but otherwise drop-in	Q	SOP-EIAJ-II	20
74ACQ573SJX	Fairchild Semiconductor	Quiet output	SN74AC573NSR	Not "Quiet" outputs, but otherwise drop-in	Q	SOP-EIAJ-II	20
74ACQ574PC	Fairchild Semiconductor	Quiet output	CD74AC574E	Not "Quiet" outputs, but otherwise drop-in	Q	PDIP	20
74ACQ574SC	Fairchild Semiconductor	Quiet output	CD74AC574M	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACQ574SCX	Fairchild Semiconductor	Quiet output	CD74AC574M96	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACQ574SJ	Fairchild Semiconductor	Quiet output	SN74AC574NSR	Not "Quiet" outputs, but otherwise drop-in	Q	SOP-EIAJ-II	20
74ACQ574SJX	Fairchild Semiconductor	Quiet output	SN74AC574NSR	Not "Quiet" outputs, but otherwise drop-in	Q	SOP-EIAJ-II	20
74ACQ646SC	Fairchild Semiconductor	Quiet output	CD74AC646M	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	24
74ACQ646SCX	Fairchild Semiconductor	Quiet output	CD74AC646M96	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	24
74ACT00B	ST Microelectronics (STM)		CD74ACT00E		S	PDIP	14
74ACT00M	ST Microelectronics (STM)		CD74ACT00M		S	SOIC	14
74ACT00MTC	Fairchild Semiconductor		SN74ACT00PW		S	TSSOP	14
74ACT00MTCX	Fairchild Semiconductor		SN74ACT00PWWR		S	TSSOP	14
74ACT00MTR	ST Microelectronics (STM)		CD74ACT00M96		S	SOIC	14
74ACT00PC	Fairchild Semiconductor	tpd differs	CD74ACT00E		S	PDIP	14
74ACT00SC	Fairchild Semiconductor		CD74ACT00M		S	SOIC	14
74ACT00SCX	National Semiconductor (NSC)		CD74ACT00M96		S	SOIC	14
74ACT00SCX	Fairchild Semiconductor	tpd differs	CD74ACT00M96		S	SOIC	14
74ACT00SJ	Fairchild Semiconductor		SN74ACT00NSR		S	SOP-EIAJ-II	14
74ACT00SJX	Fairchild Semiconductor		SN74ACT00NSR		S	SOP-EIAJ-II	14
74ACT00TTR	ST Microelectronics (STM)		SN74ACT00PWWR		S	TSSOP	14
74ACT02B	ST Microelectronics (STM)		CD74ACT02E		S	PDIP	14
74ACT02M	ST Microelectronics (STM)		CD74ACT02M		S	SOIC	14
74ACT02MTR	ST Microelectronics (STM)		CD74ACT02M96		S	SOIC	14
74ACT02PC	Fairchild Semiconductor		CD74ACT02E		S	PDIP	14
74ACT02SC	Fairchild Semiconductor		CD74ACT02M		S	SOIC	14
74ACT02SCX	Fairchild Semiconductor		CD74ACT02M96		S	SOIC	14
74ACT04B	ST Microelectronics (STM)		CD74ACT04E		S	PDIP	14
74ACT04M	ST Microelectronics (STM)		CD74ACT04M		S	SOIC	14
74ACT04MTC	Fairchild Semiconductor		SN74ACT04PW		S	TSSOP	14
74ACT04MTCX	Fairchild Semiconductor		SN74ACT04PWR		S	TSSOP	14
74ACT04MTR	ST Microelectronics (STM)		CD74ACT04M96		S	SOIC	14
74ACT04PC	Fairchild Semiconductor		CD74ACT04E		S	PDIP	14
74ACT04SC	Fairchild Semiconductor		CD74ACT04M		S	SOIC	14
74ACT04SCX	Fairchild Semiconductor		CD74ACT04M96		S	SOIC	14
74ACT04SJ	Fairchild Semiconductor		SN74ACT04NSR		S	SOP-EIAJ-II	14
74ACT04SJX	Fairchild Semiconductor		SN74ACT04NSR		S	SOP-EIAJ-II	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74ACT04TTR	ST Microelectronics (STM)		SN74ACT04PWR		S	TSSOP	14
74ACT08B	ST Microelectronics (STM)		CD74ACT08E		S	PDIP	14
74ACT08M	ST Microelectronics (STM)		CD74ACT08M		S	SOIC	14
74ACT08MTC	Fairchild Semiconductor		SN74ACT08PW		S	TSSOP	14
74ACT08MTCX	Fairchild Semiconductor		SN74ACT08PWR		S	TSSOP	14
74ACT08MTR	ST Microelectronics (STM)		CD74ACT08M96		S	SOIC	14
74ACT08PC	Fairchild Semiconductor	tpd differs	CD74ACT08E		S	PDIP	14
74ACT08SC	Fairchild Semiconductor		CD74ACT08M		S	SOIC	14
74ACT08SCX	Fairchild Semiconductor	tpd differs	CD74ACT08M96		S	SOIC	14
74ACT08TTR	ST Microelectronics (STM)		SN74ACT08PWR		S	TSSOP	14
74ACT109PC	Fairchild Semiconductor		CD74ACT109E		S	PDIP	16
74ACT109SC	Fairchild Semiconductor		CD74ACT109M		S	SOIC	16
74ACT109SCX	Fairchild Semiconductor	tpd differs	CD74ACT109ME4		S	SOIC	16
74ACT109SCX	Fairchild Semiconductor		CD74ACT109M96		S	SOIC	16
74ACT109SCX	Fairchild Semiconductor	tpd differs	CD74ACT109M96E4		S	SOIC	16
74ACT109SCX_NL	Fairchild Semiconductor	tpd differs	CD74ACT109M96E4		S	SOIC	16
74ACT10B	ST Microelectronics (STM)		CD74ACT10E		S	PDIP	14
74ACT10M	ST Microelectronics (STM)		CD74ACT10M		S	SOIC	14
74ACT10MTC	Fairchild Semiconductor		SN74ACT10PW		S	TSSOP	14
74ACT10MTCX	Fairchild Semiconductor		SN74ACT10PWR		S	TSSOP	14
74ACT10MTCX	Fairchild Semiconductor		SN74ACT10PWRE4		S	TSSOP	14
74ACT10MTR	ST Microelectronics (STM)		CD74ACT10M96		S	SOIC	14
74ACT10PC	Fairchild Semiconductor	tpd differs	CD74ACT10E		S	PDIP	14
74ACT10PC	Fairchild Semiconductor		SN74ACT10N		S	PDIP	14
74ACT10SC	Fairchild Semiconductor	tpd differs	CD74ACT10M		S	SOIC	14
74ACT10SC	Fairchild Semiconductor	tpd differs	CD74ACT10ME4		S	SOIC	14
74ACT10SC	Fairchild Semiconductor		SN74ACT10D		S	SOIC	14
74ACT10SC	Fairchild Semiconductor		SN74ACT10DE4		S	SOIC	14
74ACT10SCX	Fairchild Semiconductor	tpd differs	CD74ACT10M96		S	SOIC	14
74ACT10SCX	Fairchild Semiconductor	tpd differs	CD74ACT10M96E4		S	SOIC	14
74ACT10SCX	Fairchild Semiconductor		SN74ACT10DR		S	SOIC	14
74ACT10SCX	Fairchild Semiconductor		SN74ACT10DRE4		S	SOIC	14
74ACT10TTR	ST Microelectronics (STM)		SN74ACT10PWR		S	TSSOP	14
74ACT11B	ST Microelectronics (STM)		SN74ACT11N		S	PDIP	14
74ACT11M	ST Microelectronics (STM)		SN74ACT11D		S	SOIC	14
74ACT11MTR	ST Microelectronics (STM)		SN74ACT11DR		S	SOIC	14
74ACT11TTR	ST Microelectronics (STM)		SN74ACT11PWR		S	TSSOP	14
74ACT1284MSA	Fairchild Semiconductor		SN74ACT1284DBR		S	SSOP	20
74ACT1284MSAX	Fairchild Semiconductor		SN74ACT1284DBR		S	SSOP	20
74ACT1284MTC	Fairchild Semiconductor		SN74ACT1284PW		S	TSSOP	20
74ACT1284MTCX	Fairchild Semiconductor		SN74ACT1284PWR		S	TSSOP	20
74ACT1284SC	Fairchild Semiconductor		SN74ACT1284DW		S	SOIC	20
74ACT1284SCX	Fairchild Semiconductor		SN74ACT1284DWR		S	SOIC	20
74ACT138B	ST Microelectronics (STM)		CD74ACT138E		S	PDIP	16
74ACT138M	ST Microelectronics (STM)		CD74ACT138M		S	SOIC	16
74ACT138MTR	ST Microelectronics (STM)		CD74ACT138M96		S	SOIC	16
74ACT138PC	Fairchild Semiconductor		CD74ACT138E		S	PDIP	16
74ACT138SC	Fairchild Semiconductor		CD74ACT138M		S	SOIC	16
74ACT138SCX	Fairchild Semiconductor		CD74ACT138M96		S	SOIC	16
74ACT139PC	Fairchild Semiconductor		CD74ACT139E		S	PDIP	16
74ACT139SC	Fairchild Semiconductor		CD74ACT139M		S	SOIC	16
74ACT139SCX	Fairchild Semiconductor		CD74ACT139M96		S	SOIC	16
74ACT14B	ST Microelectronics (STM)		CD74ACT14E		S	PDIP	14
74ACT14M	ST Microelectronics (STM)		CD74ACT14M		S	SOIC	14
74ACT14MTC	Fairchild Semiconductor		SN74ACT14PW		S	TSSOP	14
74ACT14MTC	Fairchild Semiconductor		SN74ACT14PWRG4		S	TSSOP	14
74ACT14MTCX	Fairchild Semiconductor		SN74ACT14PWR		S	TSSOP	14
74ACT14MTR	ST Microelectronics (STM)		CD74ACT14M96		S	SOIC	14
74ACT14PC	Fairchild Semiconductor		CD74ACT14E		S	PDIP	14
74ACT14SC	Fairchild Semiconductor		CD74ACT14M		S	SOIC	14
74ACT14SC	Fairchild Semiconductor		SN74ACT14DRE4		S	SOIC	14
74ACT14SCX	Fairchild Semiconductor		CD74ACT14M96		S	SOIC	14
74ACT14TTR	ST Microelectronics (STM)		SN74ACT14PWR		S	TSSOP	14
74ACT151SC	Fairchild Semiconductor	tpd differs	CD74ACT151M96		S	SOIC	16

74ACT04TTR — 74ACT151SC

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74ACT151SCX	Fairchild Semiconductor		CD74ACT151M96		S	SOIC	16
74ACT153SC	Fairchild Semiconductor		CD74ACT153M		S	SOIC	16
74ACT153SCX	Fairchild Semiconductor		CD74ACT153M96		S	SOIC	16
74ACT157B	ST Microelectronics (STM)		CD74ACT157E		S	PDIP	16
74ACT157M	ST Microelectronics (STM)		CD74ACT157M		S	SOIC	16
74ACT157MTC	Fairchild Semiconductor		CD74ACT157PW		S	TSSOP	16
74ACT157MTCX	Fairchild Semiconductor		CD74ACT157PWR		S	TSSOP	16
74ACT157MTR	ST Microelectronics (STM)		CD74ACT157M96		S	SOIC	16
74ACT157PC	Fairchild Semiconductor		CD74ACT157E		S	PDIP	16
74ACT157SC	Fairchild Semiconductor		CD74ACT157M		S	SOIC	16
74ACT157SCX	Fairchild Semiconductor		CD74ACT157M96		S	SOIC	16
74ACT157TTR	ST Microelectronics (STM)		CD74ACT157PWR		S	TSSOP	16
74ACT158M	ST Microelectronics (STM)		CD74ACT158M96		S	SOIC	16
74ACT158MTR	ST Microelectronics (STM)		CD74ACT158M96		S	SOIC	16
74ACT158SC	Fairchild Semiconductor		CD74ACT158M96		S	SOIC	16
74ACT158SCX	Fairchild Semiconductor		CD74ACT158M96		S	SOIC	16
74ACT161B	ST Microelectronics (STM)		CD74ACT161E		S	PDIP	16
74ACT161M	ST Microelectronics (STM)		CD74ACT161M		S	SOIC	16
74ACT161M	ST Microelectronics (STM)	tpd differs	CD74ACT161M96		S	SOIC	16
74ACT161MTR	ST Microelectronics (STM)		CD74ACT161M96		S	SOIC	16
74ACT161PC	Fairchild Semiconductor		CD74ACT161E		S	PDIP	16
74ACT161SC	Fairchild Semiconductor		CD74ACT161M		S	SOIC	16
74ACT161SCX	Fairchild Semiconductor		CD74ACT161M96		S	SOIC	16
74ACT16240SSC	Fairchild Semiconductor		74ACT16240DL		S	SSOP	48
74ACT16240SSCX	Fairchild Semiconductor		74ACT16240DLR		S	SSOP	48
74ACT16244MTD	Fairchild Semiconductor		74ACT16244DGGR		S	TSSOP	48
74ACT16244MTDX	Fairchild Semiconductor		74ACT16244DGGR		S	TSSOP	48
74ACT16244SSC	Fairchild Semiconductor		74ACT16244DL		S	SSOP	48
74ACT16244SSCX	Fairchild Semiconductor		74ACT16244DLR		S	SSOP	48
74ACT16244TTR	ST Microelectronics (STM)		74ACT16244DGGR		S	TSSOP	48
74ACT16245MTD	Fairchild Semiconductor	tpd differs	74ACT16245DGGR		S	TSSOP	48
74ACT16245MTD	Fairchild Semiconductor	tpd differs	74ACT16245DGGRE4		S	TSSOP	48
74ACT16245MTDX	Fairchild Semiconductor		74ACT16245DGGR		S	TSSOP	48
74ACT16245SSC	Fairchild Semiconductor		74ACT16245DL		S	SSOP	48
74ACT16245SSC	Fairchild Semiconductor	tpd differs	74ACT16245DLRG4		S	SSOP	48
74ACT16245SSCX	Fairchild Semiconductor		74ACT16245DLR		S	SSOP	48
74ACT16245TTR	ST Microelectronics (STM)		74ACT16245DGGR		S	TSSOP	48
74ACT16373SSC	Fairchild Semiconductor		74ACT16373DL		S	SSOP	48
74ACT16373SSCX	Fairchild Semiconductor		74ACT16373DLR		S	SSOP	48
74ACT16374SSC	Fairchild Semiconductor		74ACT16374DL		S	SSOP	48
74ACT16374SSCX	Fairchild Semiconductor		74ACT16374DLR		S	SSOP	48
74ACT163B	ST Microelectronics (STM)		CD74ACT163E		S	PDIP	16
74ACT163M	ST Microelectronics (STM)		CD74ACT163M		S	SOIC	16
74ACT163M	ST Microelectronics (STM)	tpd differs	CD74ACT163M96		S	SOIC	16
74ACT163MTR	ST Microelectronics (STM)		CD74ACT163M96		S	SOIC	16
74ACT163PC	Fairchild Semiconductor		CD74ACT163E		S	PDIP	16
74ACT163SC	Fairchild Semiconductor		CD74ACT163M		S	SOIC	16
74ACT163SCX	Fairchild Semiconductor		CD74ACT163M96		S	SOIC	16
74ACT16541SSC	Fairchild Semiconductor		74ACT16541DL		S	SSOP	48
74ACT16541SSCX	Fairchild Semiconductor		74ACT16541DLR		S	SSOP	48
74ACT16543MTD	Fairchild Semiconductor	tpd differs	74ACT16543DGGR		S	TSSOP	56
74ACT16543MTDX	Fairchild Semiconductor		74ACT16543DGGR		S	TSSOP	56
74ACT16543SSC	Fairchild Semiconductor		74ACT16543DL		S	SSOP	56
74ACT16543SSCX	Fairchild Semiconductor		74ACT16543DLR		S	SSOP	56
74ACT16646SSC	Fairchild Semiconductor		74ACT16646DL		S	SSOP	56
74ACT16646SSCX	Fairchild Semiconductor		74ACT16646DLR		S	SSOP	56
74ACT174B	ST Microelectronics (STM)		CD74ACT174E		S	PDIP	16
74ACT174M	ST Microelectronics (STM)		CD74ACT174M		S	SOIC	16
74ACT174M	ST Microelectronics (STM)	tpd differs	CD74ACT174ME4		S	SOIC	16
74ACT174MTR	ST Microelectronics (STM)		CD74ACT174M96		S	SOIC	16
74ACT174MTR	ST Microelectronics (STM)	tpd differs	CD74ACT174M96E4		S	SOIC	16
74ACT174PC	Fairchild Semiconductor		CD74ACT174E		S	PDIP	16
74ACT174SC	Fairchild Semiconductor		CD74ACT174M		S	SOIC	16
74ACT174SC	Fairchild Semiconductor	tpd differs	CD74ACT174ME4		S	SOIC	16

#### Replacement Codes

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74ACT174SCX	Fairchild Semiconductor		CD74ACT174M96		S	SOIC	16
74ACT174SCX	Fairchild Semiconductor	tpd differs	CD74ACT174M96E4		S	SOIC	16
74ACT174SCX_NL	Fairchild Semiconductor	tpd differs	CD74ACT174M96E4		S	SOIC	16
74ACT175PC	Fairchild Semiconductor		CD74ACT175E		S	PDIP	16
74ACT175SC	Fairchild Semiconductor		CD74ACT175M		S	SOIC	16
74ACT175SC	Fairchild Semiconductor	tpd differs	CD74ACT175ME4		S	SOIC	16
74ACT175SCX	Fairchild Semiconductor		CD74ACT175M96		S	SOIC	16
74ACT175SCX	Fairchild Semiconductor	tpd differs	CD74ACT175M96E4		S	SOIC	16
74ACT175SCX_NL	Fairchild Semiconductor	tpd differs	CD74ACT175M96E4		S	SOIC	16
74ACT20B	ST Microelectronics (STM)		CD74ACT20E		S	PDIP	14
74ACT20M	ST Microelectronics (STM)		CD74ACT20M		S	SOIC	14
74ACT20MTR	ST Microelectronics (STM)		CD74ACT20M96		S	SOIC	14
74ACT240B	ST Microelectronics (STM)		CD74ACT240E		S	PDIP	20
74ACT240B	ST Microelectronics (STM)		SN74ACT240N		S	PDIP	20
74ACT240M	ST Microelectronics (STM)		CD74ACT240M		S	SOIC	20
74ACT240MTC	Fairchild Semiconductor		SN74ACT240PW		S	TSSOP	20
74ACT240MTCX	Fairchild Semiconductor		SN74ACT240PWR		S	TSSOP	20
74ACT240MTR	ST Microelectronics (STM)		CD74ACT240M96		S	SOIC	20
74ACT240MTR	ST Microelectronics (STM)		SN74ACT240DWR		S	SOIC	20
74ACT240PC	Fairchild Semiconductor	tpd differs	CD74ACT240E		S	PDIP	20
74ACT240PC	Fairchild Semiconductor		SN74ACT240N		S	PDIP	20
74ACT240SC	Fairchild Semiconductor	tpd differs	CD74ACT240M		S	SOIC	20
74ACT240SCX	Fairchild Semiconductor	tpd differs	CD74ACT240M96		S	SOIC	20
74ACT240SCX	Fairchild Semiconductor		SN74ACT240DWR		S	SOIC	20
74ACT240SJ	Fairchild Semiconductor		SN74ACT240NSR		S	SOP-EIAJ-II	20
74ACT240SJX	Fairchild Semiconductor		SN74ACT240NSR		S	SOP-EIAJ-II	20
74ACT240TTR	ST Microelectronics (STM)		SN74ACT240PWR		S	TSSOP	20
74ACT241MTC	Fairchild Semiconductor		SN74ACT241PW		S	TSSOP	20
74ACT241MTCX	Fairchild Semiconductor		SN74ACT241PWR		S	TSSOP	20
74ACT241PC	Fairchild Semiconductor	tpd differs	CD74ACT241E		S	PDIP	20
74ACT241PC	Fairchild Semiconductor	tpd differs	SN74ACT241N		S	PDIP	20
74ACT241SC	Fairchild Semiconductor		SN74ACT241DW		S	SOIC	20
74ACT241SCX	Fairchild Semiconductor	tpd differs	CD74ACT241M96		S	SOIC	20
74ACT241SCX	Fairchild Semiconductor	tpd differs	SN74ACT241DWR		S	SOIC	20
74ACT241SJ	Fairchild Semiconductor		SN74ACT241NSR		S	SOP-EIAJ-II	20
74ACT241SJX	Fairchild Semiconductor		SN74ACT241NSR		S	SOP-EIAJ-II	20
74ACT244B	ST Microelectronics (STM)		CD74ACT244E		S	PDIP	20
74ACT244M	ST Microelectronics (STM)		CD74ACT244M		S	SOIC	20
74ACT244M	ST Microelectronics (STM)		SN74ACT244DW		S	SOIC	20
74ACT244MSA	Fairchild Semiconductor		CD74ACT244SM96		S	SSOP	20
74ACT244MSA	Fairchild Semiconductor		SN74ACT244DBR		S	SSOP	20
74ACT244MSAX	Fairchild Semiconductor		CD74ACT244SM96		S	SSOP	20
74ACT244MSAX	Fairchild Semiconductor		SN74ACT244DBR		S	SSOP	20
74ACT244MTC	Fairchild Semiconductor		SN74ACT244PW		S	TSSOP	20
74ACT244MTCX	Fairchild Semiconductor		SN74ACT244PWR		S	TSSOP	20
74ACT244MTR	ST Microelectronics (STM)		CD74ACT244M96		S	SOIC	20
74ACT244MTR	ST Microelectronics (STM)		SN74ACT244DWR		S	SOIC	20
74ACT244PC	Fairchild Semiconductor		CD74ACT244E		S	PDIP	20
74ACT244SC	Fairchild Semiconductor		CD74ACT244M		S	SOIC	20
74ACT244SCX	Fairchild Semiconductor		SN74ACT244DW		S	SOIC	20
74ACT244SCX	Fairchild Semiconductor		CD74ACT244M96		S	SOIC	20
74ACT244SCX	Fairchild Semiconductor		SN74ACT244DWR		S	SOIC	20
74ACT244SJ	Fairchild Semiconductor		SN74ACT244NSR		S	SOP-EIAJ-II	20
74ACT244SJX	Fairchild Semiconductor		SN74ACT244NSR		S	SOP-EIAJ-II	20
74ACT244TTR	ST Microelectronics (STM)		SN74ACT244PWR		S	TSSOP	20
74ACT245B	ST Microelectronics (STM)		CD74ACT245E		S	PDIP	20
74ACT245M	ST Microelectronics (STM)		CD74ACT245M		S	SOIC	20
74ACT245MSA	Fairchild Semiconductor		CD74ACT245SM96		S	SSOP	20
74ACT245MSAX	Fairchild Semiconductor		CD74ACT245SM96		S	SSOP	20
74ACT245MTC	Fairchild Semiconductor		SN74ACT245PW		S	TSSOP	20
74ACT245MTCX	Fairchild Semiconductor		SN74ACT245PWR		S	TSSOP	20
74ACT245MTR	ST Microelectronics (STM)		CD74ACT245M96		S	SOIC	20
74ACT245PC	Fairchild Semiconductor		CD74ACT245E		S	PDIP	20
74ACT245SC	Fairchild Semiconductor		CD74ACT245M		S	SOIC	20

74ACT174SCX — 74ACT245SC

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74ACT245SCX	Fairchild Semiconductor		CD74ACT245M96		S	SOIC	20
74ACT245SJ	Fairchild Semiconductor		SN74ACT245NSR		S	SOP	20
74ACT245SJX	Fairchild Semiconductor		SN74ACT245NSR		S	SOP-EIAJ-II	20
74ACT245TTR	ST Microelectronics (STM)		SN74ACT245PWR		S	TSSOP	20
74ACT253PC	Fairchild Semiconductor		CD74ACT253E		S	PDIP	16
74ACT253SC	Fairchild Semiconductor		CD74ACT253M		S	SOIC	16
74ACT253SCX	Fairchild Semiconductor		CD74ACT253M96		S	SOIC	16
74ACT257B	ST Microelectronics (STM)		CD74ACT257E		S	PDIP	16
74ACT257M	ST Microelectronics (STM)		CD74ACT257M		S	SOIC	16
74ACT257MTR	ST Microelectronics (STM)		CD74ACT257M96		S	SOIC	16
74ACT257PC	Fairchild Semiconductor		CD74ACT257E		S	PDIP	16
74ACT257SC	Fairchild Semiconductor		CD74ACT257M		S	SOIC	16
74ACT257SCX	Fairchild Semiconductor		CD74ACT257M96		S	SOIC	16
74ACT258SC	Fairchild Semiconductor		CD74ACT258M		S	SOIC	16
74ACT258SCX	Fairchild Semiconductor		CD74ACT258M96		S	SOIC	16
74ACT273B	ST Microelectronics (STM)		CD74ACT273E		S	PDIP	20
74ACT273M	ST Microelectronics (STM)		CD74ACT273M		S	SOIC	20
74ACT273M	ST Microelectronics (STM)	tpd differs	CD74ACT273ME4		S	SOIC	20
74ACT273MTC	Fairchild Semiconductor		CD74ACT273PW		S	TSSOP	20
74ACT273MTC	Fairchild Semiconductor	tpd differs	CD74ACT273PWE4		S	TSSOP	20
74ACT273MTCX	Fairchild Semiconductor		CD74ACT273PWR		S	TSSOP	20
74ACT273MTCX	Fairchild Semiconductor	tpd differs	CD74ACT273PWRE4		S	TSSOP	20
74ACT273MTR	ST Microelectronics (STM)		CD74ACT273M96		S	SOIC	20
74ACT273MTR	ST Microelectronics (STM)	tpd differs	CD74ACT273M96E4		S	SOIC	20
74ACT273PC	Fairchild Semiconductor		CD74ACT273E		S	PDIP	20
74ACT273SC	Fairchild Semiconductor		CD74ACT273M		S	SOIC	20
74ACT273SC	Fairchild Semiconductor	tpd differs	CD74ACT273ME4		S	SOIC	20
74ACT273SCX	Fairchild Semiconductor		CD74ACT273M96		S	SOIC	20
74ACT273SCX	Fairchild Semiconductor	tpd differs	CD74ACT273M96E4		S	SOIC	20
74ACT273T	ST Microelectronics (STM)	tpd differs	CD74ACT273PWRE4		S	TSSOP	20
74ACT273TTR	ST Microelectronics (STM)		CD74ACT273PWR		S	TSSOP	20
74ACT273TTR	ST Microelectronics (STM)	tpd differs	CD74ACT273PWRE4		S	TSSOP	20
74ACT280B	ST Microelectronics (STM)		CD74ACT280E		S	PDIP	14
74ACT280M	ST Microelectronics (STM)		CD74ACT280M		S	SOIC	14
74ACT280MTR	ST Microelectronics (STM)		CD74ACT280M96		S	SOIC	14
74ACT280SC	Fairchild Semiconductor		CD74ACT280M		S	SOIC	14
74ACT299M	ST Microelectronics (STM)		CD74ACT299M		S	SOIC	20
74ACT299M	ST Microelectronics (STM)		CD74ACT299M96		S	SOIC	20
74ACT299MTR	ST Microelectronics (STM)		CD74ACT299M96		S	SOIC	20
74ACT299SC	Fairchild Semiconductor		CD74ACT299M		S	SOIC	20
74ACT299SCX	Fairchild Semiconductor		CD74ACT299M96		S	SOIC	20
74ACT32B	ST Microelectronics (STM)		CD74ACT32E		S	PDIP	14
74ACT32M	ST Microelectronics (STM)		CD74ACT32M		S	SOIC	14
74ACT32MTC	Fairchild Semiconductor		SN74ACT32PW		S	TSSOP	14
74ACT32MTCX	Fairchild Semiconductor		SN74ACT32PWR		S	TSSOP	14
74ACT32MTR	ST Microelectronics (STM)		CD74ACT32M96		S	SOIC	14
74ACT32PC	Fairchild Semiconductor	tpd differs	CD74ACT32E		S	PDIP	14
74ACT32SC	Fairchild Semiconductor	tpd differs	CD74ACT32M		S	SOIC	14
74ACT32SCX	Fairchild Semiconductor	tpd differs	CD74ACT32M96		S	SOIC	14
74ACT32TTR	ST Microelectronics (STM)		SN74ACT32PWR		S	TSSOP	14
74ACT373B	ST Microelectronics (STM)		CD74ACT373E		S	PDIP	20
74ACT373B	ST Microelectronics (STM)		SN74ACT373N		S	PDIP	20
74ACT373M	ST Microelectronics (STM)		CD74ACT373M		S	SOIC	20
74ACT373M	ST Microelectronics (STM)		SN74ACT373DW		S	SOP	20
74ACT373MSA	Fairchild Semiconductor		SN74ACT373DBR		S	SSOP	20
74ACT373MSAX	Fairchild Semiconductor		SN74ACT373DBR		S	SSOP	20
74ACT373MTC	Fairchild Semiconductor		SN74ACT373PW		S	TSSOP	20
74ACT373MTCX	Fairchild Semiconductor		SN74ACT373PWR		S	TSSOP	20
74ACT373MTR	ST Microelectronics (STM)		CD74ACT373M96		S	SOIC	20
74ACT373MTR	ST Microelectronics (STM)		SN74ACT373DWR		S	SOP	20
74ACT373PC	Fairchild Semiconductor		CD74ACT373E		S	PDIP	20
74ACT373SC	Fairchild Semiconductor		CD74ACT373M		S	SOIC	20
74ACT373SC	Fairchild Semiconductor		SN74ACT373DW		S	SOIC	20
74ACT373SCX	Fairchild Semiconductor		CD74ACT373M96		S	SOIC	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74ACT373SJ	Fairchild Semiconductor		SN74ACT373NSR		S	SOP	20
74ACT373SJX	Fairchild Semiconductor		SN74ACT373NSR		S	SOP-EIAJ-II	20
74ACT373TTR	ST Microelectronics (STM)		SN74ACT373PWR		S	TSSOP	20
74ACT374B	ST Microelectronics (STM)		CD74ACT374E		S	PDIP	20
74ACT374B	ST Microelectronics (STM)	tpd differs	SN74ACT374N		S	PDIP	20
74ACT374M	ST Microelectronics (STM)		CD74ACT374M		S	SOIC	20
74ACT374M	ST Microelectronics (STM)		CD74ACT374ME4		S	SOIC	20
74ACT374M	ST Microelectronics (STM)	tpd differs	SN74ACT374DW		S	SOIC	20
74ACT374MSA	Fairchild Semiconductor		SN74ACT374DBR		S	SSOP	20
74ACT374MSA	Fairchild Semiconductor	tpd differs	SN74ACT574DBR		S	SSOP	20
74ACT374MSAX	Fairchild Semiconductor		SN74ACT374DBR		S	SSOP	20
74ACT374MSAX	National Semiconductor (NSC)	tpd differs	SN74ACT374DBRE4		S	SSOP	20
74ACT374MSAX	Fairchild Semiconductor	tpd differs	SN74ACT374DBRE4		S	SSOP	20
74ACT374MT	ST Microelectronics (STM)	tpd differs	CD74ACT374M96E4		S	SOIC	20
74ACT374MTC	Fairchild Semiconductor		SN74ACT374PW		S	TSSOP	20
74ACT374MTCX	Fairchild Semiconductor		SN74ACT374PWR		S	TSSOP	20
74ACT374MTR	ST Microelectronics (STM)		CD74ACT374M96		S	SOIC	20
74ACT374MTR	ST Microelectronics (STM)		CD74ACT374M96E4		S	SOIC	20
74ACT374MTR	ST Microelectronics (STM)	tpd differs	SN74ACT374DWR		S	SOIC	20
74ACT374PC	Fairchild Semiconductor	tpd differs	CD74ACT374E		S	PDIP	20
74ACT374PC	National Semiconductor (NSC)	tpd differs	SN74ACT374N		S	PDIP	20
74ACT374PC	Fairchild Semiconductor	tpd differs	SN74ACT374N		S	PDIP	20
74ACT374PC	Fairchild Semiconductor	tpd differs	SN74ACT574N		S	PDIP	20
74ACT374SC	Fairchild Semiconductor	tpd differs	CD74ACT374M		S	SOIC	20
74ACT374SC	National Semiconductor (NSC)	tpd differs	CD74ACT374ME4		S	SOIC	20
74ACT374SC	Fairchild Semiconductor	tpd differs	CD74ACT374ME4		S	SOIC	20
74ACT374SC	National Semiconductor (NSC)		SN74ACT374DW		S	SOIC	20
74ACT374SC	Fairchild Semiconductor	tpd differs	SN74ACT374DW		S	SOIC	20
74ACT374SC	Fairchild Semiconductor	tpd differs	SN74ACT374DWE4		S	SOIC	20
74ACT374SC	Fairchild Semiconductor	tpd differs	SN74ACT574DW		S	SOIC	20
74ACT374SCX	Fairchild Semiconductor	tpd differs	CD74ACT374M96		S	SOIC	20
74ACT374SCX	National Semiconductor (NSC)	tpd differs	CD74ACT374M96E4		S	SOIC	20
74ACT374SCX	Fairchild Semiconductor	tpd differs	CD74ACT374M96E4		S	SOIC	20
74ACT374SCX	National Semiconductor (NSC)	tpd differs	SN74ACT374DWR		S	SOIC	20
74ACT374SCX	Fairchild Semiconductor	tpd differs	SN74ACT374DWR		S	SOIC	20
74ACT374SCX	National Semiconductor (NSC)	tpd differs	SN74ACT374DWRE4		S	SOIC	20
74ACT374SCX	Fairchild Semiconductor	tpd differs	SN74ACT374DWRE4		S	SOIC	20
74ACT374SCX	Fairchild Semiconductor	tpd differs	SN74ACT574DWR		S	SOIC	20
74ACT374SJ	Fairchild Semiconductor		SN74ACT374NSR		S	SOP-EIAJ-II	20
74ACT374SJ	National Semiconductor (NSC)	tpd differs	SN74ACT374NSR		S	SOP-EIAJ-II	20
74ACT374SJX	National Semiconductor (NSC)	tpd differs	CD74ACT374M96E4		S	SOIC	20
74ACT374SJX	National Semiconductor (NSC)	tpd differs	SN74ACT374DWR		S	SOIC	20
74ACT374SJX	National Semiconductor (NSC)	tpd differs	SN74ACT374DWRE4		S	SOIC	20
74ACT374SJX	Fairchild Semiconductor		SN74ACT374NSR		S	SOP-EIAJ-II	20
74ACT374TTR	ST Microelectronics (STM)		SN74ACT374PWR		S	TSSOP	20
74ACT533MTCX	Fairchild Semiconductor	tpd differs	SN74ACT533PWR		S	TSSOP	20
74ACT533PC	Fairchild Semiconductor	tpd differs	SN74ACT533N		S	PDIP	20
74ACT533SC	Fairchild Semiconductor	tpd differs	SN74ACT533DW		S	SOIC	20
74ACT533SCX	Fairchild Semiconductor	tpd differs	SN74ACT533DWR		S	SOP	20
74ACT534PC	Fairchild Semiconductor		SN74ACT534N		S	PDIP	20
74ACT534SC	Fairchild Semiconductor		SN74ACT534DW		S	SOIC	20
74ACT534SCX	Fairchild Semiconductor		SN74ACT534DWR		S	SOIC	20
74ACT534SJ	Fairchild Semiconductor		SN74ACT534NSR		S	SOP-EIAJ-II	20
74ACT534SJ	Fairchild Semiconductor	tpd differs	SN74ACT564NSR		S	SOP-EIAJ-II	20
74ACT534SJX	Fairchild Semiconductor		SN74ACT534NSR		S	SOP-EIAJ-II	20
74ACT541B	ST Microelectronics (STM)		CD74ACT541E		S	PDIP	20
74ACT541M	ST Microelectronics (STM)		CD74ACT541M		S	SOIC	20
74ACT541M	ST Microelectronics (STM)	tpd differs	SN74ACT244DW		S	SOIC	20
74ACT541MTR	ST Microelectronics (STM)		CD74ACT541M96		S	SOIC	20
74ACT563SC	Fairchild Semiconductor		SN74ACT563DW		S	SOIC	20
74ACT573B	ST Microelectronics (STM)		CD74ACT573E		S	PDIP	20
74ACT573B	ST Microelectronics (STM)		SN74ACT573N		S	PDIP	20
74ACT573M	ST Microelectronics (STM)		CD74ACT573M		S	SOIC	20
74ACT573M	ST Microelectronics (STM)		SN74ACT573DW		S	SOP	20

74ACT373SJ — 74ACT573M

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74ACT573MTC	Fairchild Semiconductor		SN74ACT573PW		S	TSSOP	20
74ACT573MTCX	Fairchild Semiconductor		SN74ACT573PWR		S	TSSOP	20
74ACT573MTR	ST Microelectronics (STM)		CD74ACT573M96		S	SOIC	20
74ACT573MTR	ST Microelectronics (STM)		SN74ACT573DWR		S	SOP	20
74ACT573PC	Fairchild Semiconductor		CD74ACT573E		S	PDIP	20
74ACT573PC	Fairchild Semiconductor		SN74ACT573N		S	PDIP	20
74ACT573SC	Fairchild Semiconductor		CD74ACT573M		S	SOIC	20
74ACT573SCX	Fairchild Semiconductor		CD74ACT573M96		S	SOIC	20
74ACT573SCX	Fairchild Semiconductor		SN74ACT573DWR		S	SOIC	20
74ACT573SJ	Fairchild Semiconductor		SN74ACT573NSR		S	SOP	20
74ACT573SJX	Fairchild Semiconductor		SN74ACT573NSR		S	SOP-EIAJ-II	20
74ACT573TTR	ST Microelectronics (STM)		SN74ACT573PWR		S	TSSOP	20
74ACT574B	ST Microelectronics (STM)		CD74ACT574E		S	PDIP	20
74ACT574B	ST Microelectronics (STM)	tpd differs	SN74ACT574N		S	PDIP	20
74ACT574M	ST Microelectronics (STM)		CD74ACT574M		S	SOIC	20
74ACT574M	ST Microelectronics (STM)	tpd differs	CD74ACT574ME4		S	SOIC	20
74ACT574M	ST Microelectronics (STM)	tpd differs	SN74ACT374DW		S	SOIC	20
74ACT574M	ST Microelectronics (STM)	tpd differs	SN74ACT574DW		S	SOIC	20
74ACT574M	ST Microelectronics (STM)	tpd differs	SN74ACT574DWE4		S	SOIC	20
74ACT574MTC	Fairchild Semiconductor		SN74ACT574PW		S	TSSOP	20
74ACT574MTCX	Fairchild Semiconductor		SN74ACT574PWR		S	TSSOP	20
74ACT574MTCX_NL	Fairchild Semiconductor	Pb-Free	SN74ACT574PWR		S	TSSOP	20
74ACT574MTR	ST Microelectronics (STM)		CD74ACT574M96		S	SOIC	20
74ACT574MTR	ST Microelectronics (STM)	tpd differs	CD74ACT574M96E4		S	SOIC	20
74ACT574MTR	ST Microelectronics (STM)	tpd differs	SN74ACT574DWR		S	SOIC	20
74ACT574MTR	ST Microelectronics (STM)	tpd differs	SN74ACT574DWRE4		S	SOIC	20
74ACT574PC	Fairchild Semiconductor		CD74ACT574E		S	PDIP	20
74ACT574PC	Fairchild Semiconductor	tpd differs	SN74ACT374N		S	PDIP	20
74ACT574PC	Fairchild Semiconductor	tpd differs	SN74ACT574N		S	PDIP	20
74ACT574SC	Fairchild Semiconductor		CD74ACT574M		S	SOIC	20
74ACT574SC	Fairchild Semiconductor	tpd differs	CD74ACT574ME4		S	SOIC	20
74ACT574SC	Fairchild Semiconductor	tpd differs	SN74ACT374DW		S	SOIC	20
74ACT574SC	Fairchild Semiconductor	tpd differs	SN74ACT574DW		S	SOIC	20
74ACT574SCX	Fairchild Semiconductor		CD74ACT574M96		S	SOIC	20
74ACT574SCX	Fairchild Semiconductor	tpd differs	CD74ACT574M96E4		S	SOIC	20
74ACT574SCX	Fairchild Semiconductor	tpd differs	SN74ACT574DWR		S	SOIC	20
74ACT574SJ	Fairchild Semiconductor		SN74ACT574NSR		S	SOP-EIAJ-II	20
74ACT574SJX	Fairchild Semiconductor		SN74ACT574NSR		S	SOP-EIAJ-II	20
74ACT574SJX_NL	Fairchild Semiconductor	Pb-Free	SN74ACT574NSR		S	SOP-EIAJ-II	20
74ACT574TTR	ST Microelectronics (STM)		SN74ACT574PWR		S	TSSOP	20
74ACT652SC	Fairchild Semiconductor		CD74ACT652M		S	SOIC	24
74ACT652SCX	Fairchild Semiconductor		CD74ACT652M96		S	SOIC	24
74ACT652SPC	Fairchild Semiconductor		CD74ACT652EN		S	PDIP	24
74ACT74DCQR	National Semiconductor (NSC)	tpd differs	CD74ACT74E	PDIP not CDIP	S	CDIP	14
74ACT74DCQR	National Semiconductor (NSC)	tpd differs	SN74ACT74N	PDIP not CDIP	S	CDIP	14
74ACT86B	ST Microelectronics (STM)		CD74ACT86E		S	PDIP	14
74ACT86B	ST Microelectronics (STM)		SN74ACT86N		S	PDIP	14
74ACT86M	ST Microelectronics (STM)		CD74ACT86M		S	SOIC	14
74ACT86M	ST Microelectronics (STM)		SN74ACT86D		S	SOIC	14
74ACT86MTR	ST Microelectronics (STM)		CD74ACT86M96		S	SOIC	14
74ACT86MTR	ST Microelectronics (STM)		SN74ACT86DR		S	SOIC	14
74ACT86TTR	ST Microelectronics (STM)		SN74ACT86PWR		S	TSSOP	14
74ACTQ00PC	Fairchild Semiconductor	Quiet output	CD74ACT00E	Not "Quiet" outputs, but otherwise drop-in	Q	PDIP	14
74ACTQ00SC	Fairchild Semiconductor	Quiet output	CD74ACT00M	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	14
74ACTQ00SCX	Fairchild Semiconductor	Quiet output	CD74ACT00M96	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	14
74ACTQ02SC	Fairchild Semiconductor	Quiet output	CD74ACT02M	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	14
74ACTQ02SCX	Fairchild Semiconductor	Quiet output	CD74ACT02M96	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	14
74ACTQ04SC	Fairchild Semiconductor	Quiet output	CD74ACT04M	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	14
74ACTQ04SCX	Fairchild Semiconductor	Quiet output	CD74ACT04M96	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	14
74ACTQ08SC	Fairchild Semiconductor	Quiet output	CD74ACT08M	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	14
74ACTQ08SCX	Fairchild Semiconductor	Quiet output	CD74ACT08M96	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	14
74ACTQ10SC	Fairchild Semiconductor	Quiet output	CD74ACT10M	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	14
74ACTQ10SCX	Fairchild Semiconductor	Quiet output	CD74ACT10M96	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	14
74ACTQ14SC	Fairchild Semiconductor	Quiet output	CD74ACT14M	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74ACTQ14SCX	Fairchild Semiconductor	Quiet output	CD74ACT14M96	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	14
74ACTQ153SC	Fairchild Semiconductor	Quiet output	CD74ACT153M	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	16
74ACTQ153SCX	Fairchild Semiconductor	Quiet output	CD74ACT153M96	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	16
74ACTQ16244SSC	Fairchild Semiconductor	Quiet output	74ACT16244DL	Not "Quiet" outputs, but otherwise drop-in	Q	SSOP	48
74ACTQ16244SSCX	Fairchild Semiconductor	Quiet output	74ACT16244DLR	Not "Quiet" outputs, but otherwise drop-in	Q	SSOP	48
74ACTQ16245SSC	Fairchild Semiconductor	Quiet output	74ACT16245DL	Not "Quiet" outputs, but otherwise drop-in	Q	SSOP	48
74ACTQ16245SSCX	Fairchild Semiconductor	Quiet output	74ACT16245DLR	Not "Quiet" outputs, but otherwise drop-in	Q	SSOP	48
74ACTQ16374SSC	Fairchild Semiconductor	Quiet output	74ACT16374DL	Not "Quiet" outputs, but otherwise drop-in	Q	SSOP	20
74ACTQ16374SSCX	Fairchild Semiconductor	Quiet output	74ACT16374DLR	Not "Quiet" outputs, but otherwise drop-in	Q	SSOP	20
74ACTQ16541SSCX	Fairchild Semiconductor	Quiet output	74ACT16541DLR	Not "Quiet" outputs, but otherwise drop-in	Q	SSOP	48
74ACTQ16543SSC	Fairchild Semiconductor	Quiet output, tpd differs	74ACT16543DL	Not "Quiet" outputs but otherwise drop-in	Q	SSOP	56
74ACTQ16543SSCX	Fairchild Semiconductor	Quiet output	74ACT16543DLR	Not "Quiet" outputs, but otherwise drop-in	Q	SSOP	20
74ACTQ16543SSCX	Fairchild Semiconductor	Quiet output	74ACT16543DL	Not "Quiet" outputs, but otherwise drop-in	Q	SSOP	20
74ACTQ16543SSCX	Fairchild Semiconductor	Quiet output, tpd differs	74ACT16543DLR	Not "Quiet" outputs but otherwise drop-in	Q	SSOP	56
74ACTQ240SC	Fairchild Semiconductor	Quiet output	SN74ACT240DW	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACTQ240SCX	Fairchild Semiconductor	Quiet output	CD74ACT240M96	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACTQ244MSA	Fairchild Semiconductor	Quiet output	CD74ACT244SM96	Not Quiet outputs, but otherwise drop-in	Q	SSOP	20
74ACTQ244MSAX	Fairchild Semiconductor	Quiet output	CD74ACT244SM96	Not Quiet outputs, but otherwise drop-in	Q	SSOP	20
74ACTQ244MSAX_NL	Fairchild Semiconductor	Pb-Free, Quiet output	CD74ACT244SM96	Not Quiet outputs, but otherwise drop-in	Q	SSOP	20
74ACTQ244PC	Fairchild Semiconductor	Quiet output	CD74ACT244E	Not "Quiet" outputs, but otherwise drop-in	Q	PDIP	20
74ACTQ244PC	Fairchild Semiconductor	Discontinued, Quiet output	SN74ACT244N	Not Quiet outputs, but otherwise drop-in	Q	PDIP	20
74ACTQ244SC	Fairchild Semiconductor	Quiet output	CD74ACT244M	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACTQ244SC	Fairchild Semiconductor	Quiet output	SN74ACT244DW	Not Quiet outputs, but otherwise drop-in	Q	SOIC	20
74ACTQ244SC_NL	Fairchild Semiconductor	Pb-Free, Quiet output	SN74ACT244DW	Not Quiet outputs, but otherwise drop-in	Q	SOIC	20
74ACTQ244SCX	Fairchild Semiconductor	Quiet output	CD74ACT244M96	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACTQ244SCX	Fairchild Semiconductor	Quiet output	SN74ACT244DWR	Not Quiet outputs, but otherwise drop-in	Q	SOIC	20
74ACTQ244SCX_NL	Fairchild Semiconductor	Pb-Free, Quiet output	SN74ACT244DW	Not Quiet outputs, but otherwise drop-in	Q	SOIC	20
74ACTQ244SJ	Fairchild Semiconductor	Quiet output	SN74ACT244NSR	Not Quiet outputs, but otherwise drop-in	Q	SOP-EIAJ-II	20
74ACTQ244SJX	Fairchild Semiconductor	Quiet output	SN74ACT244NSR	Not Quiet outputs, but otherwise drop-in	Q	SOP-EIAJ-II	20
74ACTQ245MSA	Fairchild Semiconductor	Quiet output	SN74ACT245DBR	Not "Quiet" outputs but otherwise drop-in	Q	SSOP	20
74ACTQ245MSAX	Fairchild Semiconductor	Quiet output	SN74ACT245DBR	Not "Quiet" outputs, but otherwise drop-in	Q	SSOP	20
74ACTQ245MTC	Fairchild Semiconductor	Quiet output	SN74ACT245PW	Not "Quiet" outputs, but otherwise drop-in	Q	TSSOP	20
74ACTQ245MTCX	Fairchild Semiconductor	Quiet output	SN74ACT245PWR	Not "Quiet" outputs, but otherwise drop-in	Q	TSSOP	20
74ACTQ245PC	Fairchild Semiconductor	Quiet output	SN74ACT245N	Not "Quiet" outputs, but otherwise drop-in	Q	PDIP	20
74ACTQ245SC	Fairchild Semiconductor	Quiet output	SN74ACT245DW	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACTQ245SCX	Fairchild Semiconductor	Quiet output	SN74ACT245DWR	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACTQ245SJ	Fairchild Semiconductor	Quiet output	SN74ACT245NSR	Not "Quiet" outputs but otherwise drop-in	Q	SOP	20
74ACTQ245SJX	Fairchild Semiconductor	Quiet output	SN74ACT245NSR	Not "Quiet" outputs, but otherwise drop-in	Q	SOP-EIAJ-II	20
74ACTQ273PC	Fairchild Semiconductor	Quiet output	CD74ACT273E	Not "Quiet" outputs, but otherwise drop-in	Q	PDIP	20
74ACTQ273SC	Fairchild Semiconductor	Quiet output	CD74ACT273M	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACTQ273SCX	Fairchild Semiconductor	Quiet output	CD74ACT273M96	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACTQ32SC	Fairchild Semiconductor	Quiet output	CD74ACT32M	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	14
74ACTQ32SCX	Fairchild Semiconductor	Quiet output	CD74ACT32M96	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	14
74ACTQ373PC	Fairchild Semiconductor	Quiet output	CD74ACT373E	Not "Quiet" outputs but otherwise drop-in	Q	PDIP	20
74ACTQ374SC	Fairchild Semiconductor	Quiet output	CD74ACT374M	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACTQ374SCX	Fairchild Semiconductor	Quiet output	CD74ACT374M96	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACTQ541SC	Fairchild Semiconductor	Quiet output	CD74ACT541M	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACTQ541SCX	Fairchild Semiconductor	Quiet output	CD74ACT541M96	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACTQ573MTC	Fairchild Semiconductor	Discontinued, Quiet output	SN74ACT573PW	Not Quiet outputs, but otherwise drop-in	Q	TSSOP	20
74ACTQ573MTCX	Fairchild Semiconductor	Quiet output	SN74ACT573PWR	Not Quiet outputs, but otherwise drop-in	Q	TSSOP	20
74ACTQ573PC	Fairchild Semiconductor	Discontinued, Quiet output	SN74ACT573N	Not Quiet outputs, but otherwise drop-in	Q	PDIP	20
74ACTQ573SC	Fairchild Semiconductor	Quiet output	SN74ACT573DW	Not Quiet outputs, but otherwise drop-in	Q	SOIC	20
74ACTQ573SCX	Fairchild Semiconductor	Quiet output	SN74ACT573DWR	Not Quiet outputs, but otherwise drop-in	Q	SOIC	20
74ACTQ573SJ	Fairchild Semiconductor	Quiet output	SN74ACT573NSR	Not Quiet outputs, but otherwise drop-in	Q	SOP-EIAJ-II	20
74ACTQ574SC	Fairchild Semiconductor	Quiet output	CD74ACT574M	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACTQ574SCX	Fairchild Semiconductor	Quiet output	CD74ACT574M96	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	20
74ACTQ646SC	Fairchild Semiconductor	Quiet output	CD74ACT646M	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	24
74ACTQ646SCX	Fairchild Semiconductor	Quiet output	CD74ACT646M96	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	24
74ACTQ74SC	Fairchild Semiconductor	Quiet output	CD74ACT74M	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	14
74ACTQ74SCX	Fairchild Semiconductor	Quiet output	CD74ACT74M96	Not "Quiet" outputs, but otherwise drop-in	Q	SOIC	14
74AHC00D	NXP Semiconductor		SN74AHC00D		S	SOIC	14
74AHC00D-T	NXP Semiconductor		SN74AHC00DR		S	SOIC	14
74AHC00PW	NXP Semiconductor		SN74AHC00PW		S	TSSOP	14
74AHC00PW-T	NXP Semiconductor		SN74AHC00PWR		S	TSSOP	14

74ACT014SCX — 74AHC00PW-T

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74AHC02D	NXP Semiconductor		SN74AHC02D		S	SOIC	14
74AHC02D	NXP Semiconductor		SN74AHC02DE4		S	SOIC	14
74AHC02D-T	NXP Semiconductor		SN74AHC02DR		S	SOIC	14
74AHC02PW	NXP Semiconductor		SN74AHC02PW		S	TSSOP	14
74AHC02PW-T	NXP Semiconductor		SN74AHC02PWR		S	TSSOP	14
74AHC04D	NXP Semiconductor		SN74AHC04D		S	SOIC	14
74AHC04D-T	NXP Semiconductor		SN74AHC04DR		S	SOIC	14
74AHC04PW	NXP Semiconductor		SN74AHC04PW		S	TSSOP	14
74AHC04PW-T	NXP Semiconductor		SN74AHC04PWR		S	TSSOP	14
74AHC08D	NXP Semiconductor		SN74AHC08D		S	SOIC	14
74AHC08D-T	NXP Semiconductor		SN74AHC08DR		S	SOIC	14
74AHC08PW	NXP Semiconductor		SN74AHC08PW		S	TSSOP	14
74AHC08PW-T	NXP Semiconductor		SN74AHC08PWR		S	TSSOP	14
74AHC123AD	NXP Semiconductor		SN74AHC123AD		S	SOIC	16
74AHC123AD-T	NXP Semiconductor		SN74AHC123ADR		S	SOIC	16
74AHC123APW	NXP Semiconductor	tpd differs	SN74AHC123APWR		S	TSSOP	16
74AHC123APW	NXP Semiconductor		SN74AHC123APWR		S	TSSOP	16
74AHC123APW-T	NXP Semiconductor		SN74AHC123APWR		S	TSSOP	16
74AHC125D	NXP Semiconductor		SN74AHC125D		S	SOIC	14
74AHC125D-T	NXP Semiconductor		SN74AHC125DR		S	SOIC	14
74AHC125PW	NXP Semiconductor		SN74AHC125PW		S	TSSOP	14
74AHC125PW-T	NXP Semiconductor		SN74AHC125PWR		S	TSSOP	14
74AHC126D	NXP Semiconductor		SN74AHC126D		S	SOIC	14
74AHC126D-T	NXP Semiconductor		SN74AHC126DR		S	SOIC	14
74AHC126PW	NXP Semiconductor		SN74AHC126DGVR		S	TSSOP	14
74AHC126PW	NXP Semiconductor		SN74AHC126PW		S	TSSOP	14
74AHC126PWDH	NXP Semiconductor		SN74AHC126DGVR		S	TSSOP	14
74AHC126PW-T	NXP Semiconductor		SN74AHC126PWR		S	TSSOP	14
74AHC132D	NXP Semiconductor		SN74AHC132D		S	SOIC	14
74AHC132D-T	NXP Semiconductor		SN74AHC132DR		S	SOIC	14
74AHC132PW	NXP Semiconductor		SN74AHC132PW		S	TSSOP	14
74AHC132PW-T	NXP Semiconductor		SN74AHC132PWR		S	TSSOP	14
74AHC138D	NXP Semiconductor		SN74AHC138D		S	SOIC	16
74AHC138D-T	NXP Semiconductor		SN74AHC138DR		S	SOIC	16
74AHC138PW	NXP Semiconductor		SN74AHC138PW		S	TSSOP	16
74AHC138PW-T	NXP Semiconductor		SN74AHC138PWR		S	TSSOP	16
74AHC139D	NXP Semiconductor		SN74AHC139D		S	SOIC	16
74AHC139D-T	NXP Semiconductor		SN74AHC139DR		S	SOIC	16
74AHC139PW	NXP Semiconductor		SN74AHC139PW		S	TSSOP	16
74AHC139PW-T	NXP Semiconductor		SN74AHC139PWR		S	TSSOP	16
74AHC14D	NXP Semiconductor		SN74AHC14D		S	SOIC	14
74AHC14D-T	NXP Semiconductor		SN74AHC14DR		S	SOIC	14
74AHC14PW	NXP Semiconductor		SN74AHC14PW		S	TSSOP	14
74AHC14PW-T	NXP Semiconductor		SN74AHC14PWR		S	TSSOP	14
74AHC157D	NXP Semiconductor		SN74AHC157D		S	SOIC	16
74AHC157D-T	NXP Semiconductor		SN74AHC157DR		S	SOIC	16
74AHC157PW	NXP Semiconductor		SN74AHC157PW		S	TSSOP	16
74AHC157PW-T	NXP Semiconductor		SN74AHC157PWR		S	TSSOP	16
74AHC164D	NXP Semiconductor		SN74LV164AD		S	SOIC	14
74AHC164D-T	NXP Semiconductor		SN74LV164ADR		S	SOIC	14
74AHC164PW	NXP Semiconductor		SN74LV164APW		S	TSSOP	14
74AHC164PW-T	NXP Semiconductor		SN74LV164APWR		S	TSSOP	14
74AHC1G00GV	NXP Semiconductor		SN74AHC1G00DBVR		S	SOT753	5
74AHC1G00GW	NXP Semiconductor		SN74AHC1G00DCKR		S	SC-70	5
74AHC1G00GW-G	NXP Semiconductor	Green	SN74AHC1G00DCKR		S	SC-70/EIAJSC88	5
74AHC1G02GV	NXP Semiconductor		SN74AHC1G02DBVR		S	SOT753	5
74AHC1G02GW	NXP Semiconductor		SN74AHC1G02DCKR		S	SC-70	5
74AHC1G02GW-G	NXP Semiconductor	Green	SN74AHC1G02DCKR		S	SC-70/EIAJSC88	5
74AHC1G04GV	NXP Semiconductor		SN74AHC1G04DBVR		S	SOT753	5
74AHC1G04GW	NXP Semiconductor		SN74AHC1G04DCKR		S	SC-88A	5
74AHC1G04GW-G	NXP Semiconductor	Green	SN74AHC1G04DCKR		S	SC-70/EIAJSC88	5
74AHC1G08GV	NXP Semiconductor		SN74AHC1G08DBVR		S	SOT753	5
74AHC1G08GW	NXP Semiconductor		SN74AHC1G08DCKR		S	SOT-353	5
74AHC1G08GW-G	NXP Semiconductor	Green	SN74AHC1G08DCKR		S	SC-70/EIAJSC88	5

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74AHC1G125GV	NXP Semiconductor		SN74AHC1G125DBVR		S	SOT753	5
74AHC1G125GW	NXP Semiconductor		SN74AHC1G125DCKR		S	SC-88A	5
74AHC1G125GW-G	NXP Semiconductor	Green	SN74AHC1G125DCKR		S	SC-70/EIAJSC88	5
74AHC1G126GV	NXP Semiconductor		SN74AHC1G126DBVR		S	SOT753	5
74AHC1G126GW	NXP Semiconductor		SN74AHC1G126DCKR		S	SC-88A	5
74AHC1G126GW-G	NXP Semiconductor	Green	SN74AHC1G126DCKR		S	SC-70/EIAJSC88	5
74AHC1G14GV	NXP Semiconductor		SN74AHC1G14DBVR		S	SOT753	5
74AHC1G14GW	NXP Semiconductor		SN74AHC1G14DCKR		S	SC-88	5
74AHC1G14GW-G	NXP Semiconductor	Green	SN74AHC1G14DCKR		S	SC-70/EIAJSC88	5
74AHC1G32GV	NXP Semiconductor		SN74AHC1G32DBVR		S	SOT753	5
74AHC1G32GW	NXP Semiconductor		SN74AHC1G32DCKR		S	SC-70	5
74AHC1G32GW-G	NXP Semiconductor	Green	SN74AHC1G32DCKR		S	SC-70/EIAJSC88	5
74AHC1G86GV	NXP Semiconductor		SN74AHC1G86DBVR		S	SOT753	5
74AHC1G86GW	NXP Semiconductor		SN74AHC1G86DCKR		S	SC-70	5
74AHC1G86GW-G	NXP Semiconductor	Green	SN74AHC1G86DCKR		S	SC-70/EIAJSC88	5
74AHC1GU04GV	NXP Semiconductor		SN74AHC1GU04DBVR		S	SC-74	5
74AHC1GU04GW	NXP Semiconductor		SN74AHC1GU04DCKR		S	SC-88	5
74AHC1GU04GW-G	NXP Semiconductor	Green	SN74AHC1GU04DCKR		S	SC-70/EIAJSC88	5
74AHC244D	NXP Semiconductor		SN74AHC244DW		S	SOIC	20
74AHC244D-T	NXP Semiconductor		SN74AHC244DWR		S	SOIC	20
74AHC244PW	NXP Semiconductor		SN74AHC244PW		S	TSSOP	20
74AHC244PW-T	NXP Semiconductor		SN74AHC244PWR		S	TSSOP	20
74AHC245D	NXP Semiconductor		SN74AHC245DW		S	SOIC	20
74AHC245D-T	NXP Semiconductor		SN74AHC245DWR		S	SOIC	20
74AHC245PW	NXP Semiconductor		SN74AHC245PW		S	TSSOP	20
74AHC245PW-T	NXP Semiconductor		SN74AHC245PWR		S	TSSOP	20
74AHC273D	NXP Semiconductor		SN74AHC273DW		S	SOIC	20
74AHC273D-T	NXP Semiconductor		SN74AHC273DWR		S	SOIC	20
74AHC273PW	NXP Semiconductor		SN74AHC273PW		S	TSSOP	20
74AHC273PW-T	NXP Semiconductor		SN74AHC273PWR		S	TSSOP	20
74AHC32D	NXP Semiconductor		SN74AHC32D		S	SOIC	14
74AHC32D-T	NXP Semiconductor		SN74AHC32DR		S	SOIC	14
74AHC32PW	NXP Semiconductor		SN74AHC32PW		S	TSSOP	14
74AHC32PW-T	NXP Semiconductor		SN74AHC32PWR		S	TSSOP	14
74AHC373D	NXP Semiconductor		SN74AHC373DW		S	SOIC	20
74AHC373D-T	NXP Semiconductor		SN74AHC373DWR		S	SOIC	20
74AHC373PW	NXP Semiconductor		SN74AHC373PW		S	TSSOP	20
74AHC373PW-T	NXP Semiconductor		SN74AHC373PWR		S	TSSOP	20
74AHC374D	NXP Semiconductor		SN74AHC374DW		S	SOIC	20
74AHC374D-T	NXP Semiconductor		SN74AHC374DWR		S	SOIC	20
74AHC374PW	NXP Semiconductor		SN74AHC374PW		S	TSSOP	20
74AHC374PW-T	NXP Semiconductor		SN74AHC374PWR		S	TSSOP	20
74AHC541D	NXP Semiconductor		SN74AHC541DW		S	SOIC	20
74AHC541D-T	NXP Semiconductor		SN74AHC541DWR		S	SOIC	20
74AHC541PW	NXP Semiconductor		SN74AHC541PW		S	TSSOP	20
74AHC541PW-T	NXP Semiconductor		SN74AHC541PWR		S	TSSOP	20
74AHC573D	NXP Semiconductor		SN74AHC573DW		S	SOIC	20
74AHC573D-T	NXP Semiconductor		SN74AHC573DWR		S	SOIC	20
74AHC573PW	NXP Semiconductor		SN74AHC573PW		S	TSSOP	20
74AHC573PW-T	NXP Semiconductor		SN74AHC573PWR		S	TSSOP	20
74AHC574D	NXP Semiconductor		SN74AHC574DW		S	SOIC	20
74AHC574D-T	NXP Semiconductor		SN74AHC574DWR		S	SOIC	20
74AHC574PW	NXP Semiconductor		SN74AHC574PW		S	TSSOP	20
74AHC574PW-T	NXP Semiconductor		SN74AHC574PWR		S	TSSOP	20
74AHC595D	NXP Semiconductor		SN74AHC595D		S	SOIC	16
74AHC595D-T	NXP Semiconductor		SN74AHC595DR		S	SOIC	16
74AHC595PW	NXP Semiconductor		SN74AHC595PW		S	TSSOP	16
74AHC595PW-T	NXP Semiconductor		SN74AHC595PWR		S	TSSOP	16
74AHC74D	NXP Semiconductor		SN74AHC74D		S	SOIC	14
74AHC74D-T	NXP Semiconductor		SN74AHC74DR		S	SOIC	14
74AHC74PW	NXP Semiconductor		SN74AHC74PW		S	TSSOP	14
74AHC74PW-T	NXP Semiconductor		SN74AHC74PWR		S	TSSOP	14
74AHC86D	NXP Semiconductor		SN74AHC86D		S	SOIC	14
74AHC86D-T	NXP Semiconductor		SN74AHC86DR		S	SOIC	14

74AHC1G125GV — 74AHC86D-T

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74AHC86PW	NXP Semiconductor		SN74AHC86PW		S	TSSOP	14
74AHC86PW-T	NXP Semiconductor		SN74AHC86PWR		S	TSSOP	14
74AHCT00D	NXP Semiconductor		SN74AHCT00D		S	SOIC	14
74AHCT00D-T	NXP Semiconductor		SN74AHCT00DR		S	SOIC	14
74AHCT00PW	NXP Semiconductor		SN74AHCT00PW		S	TSSOP	14
74AHCT00PW-T	NXP Semiconductor		SN74AHCT00PWR		S	TSSOP	14
74AHCT02D	NXP Semiconductor		SN74AHCT02D		S	SOIC	14
74AHCT02D-T	NXP Semiconductor		SN74AHCT02DR		S	SOIC	14
74AHCT02PW	NXP Semiconductor		SN74AHCT02PW		S	TSSOP	14
74AHCT02PW-T	NXP Semiconductor		SN74AHCT02PWR		S	TSSOP	14
74AHCT04D	NXP Semiconductor		SN74AHCT04D		S	SOIC	14
74AHCT04D-T	NXP Semiconductor		SN74AHCT04DR		S	SOIC	14
74AHCT04PW	NXP Semiconductor		SN74AHCT04PW		S	TSSOP	14
74AHCT04PW-T	NXP Semiconductor		SN74AHCT04PWR		S	TSSOP	14
74AHCT08D	NXP Semiconductor		SN74AHCT08D		S	SOIC	14
74AHCT08D-T	NXP Semiconductor		SN74AHCT08DR		S	SOIC	14
74AHCT08PW	NXP Semiconductor		SN74AHCT08PW		S	TSSOP	14
74AHCT08PW-T	NXP Semiconductor		SN74AHCT08PWR		S	TSSOP	14
74AHCT123AD	NXP Semiconductor		SN74AHCT123AD		S	SOIC	16
74AHCT123AD-T	NXP Semiconductor		SN74AHCT123ADR		S	SOIC	16
74AHCT123APW	NXP Semiconductor	tpd differs	SN74AHCT123APWR		S	TSSOP	16
74AHCT123APW-T	NXP Semiconductor		SN74AHCT123APWR		S	TSSOP	16
74AHCT123APW-T	NXP Semiconductor		SN74AHCT123APWR		S	TSSOP	16
74AHCT125D	NXP Semiconductor		SN74AHCT125D		S	SOIC	14
74AHCT125D-T	NXP Semiconductor		SN74AHCT125DR		S	SOIC	14
74AHCT125PW	NXP Semiconductor		SN74AHCT125PW		S	TSSOP	14
74AHCT125PW-T	NXP Semiconductor		SN74AHCT125PWR		S	TSSOP	14
74AHCT126D	NXP Semiconductor		SN74AHCT126D		S	SOIC	14
74AHCT126D-T	NXP Semiconductor		SN74AHCT126DR		S	SOIC	14
74AHCT126PW	NXP Semiconductor		SN74AHCT126PW		S	TSSOP	14
74AHCT126PW-T	NXP Semiconductor		SN74AHCT126PWR		S	TSSOP	14
74AHCT132D	NXP Semiconductor		SN74AHCT132D		S	SOIC	14
74AHCT132D-T	NXP Semiconductor		SN74AHCT132DR		S	SOIC	14
74AHCT132PW	NXP Semiconductor		SN74AHCT132PWR		S	TSSOP	14
74AHCT132PW-T	NXP Semiconductor		SN74AHCT132PWR		S	TSSOP	14
74AHCT138D	NXP Semiconductor		SN74AHCT138D		S	SOIC	16
74AHCT138D-T	NXP Semiconductor		SN74AHCT138DR		S	SOIC	16
74AHCT138PW	NXP Semiconductor		SN74AHCT138PW		S	TSSOP	16
74AHCT138PW-T	NXP Semiconductor		SN74AHCT138PWR		S	TSSOP	16
74AHCT139D	NXP Semiconductor		SN74AHCT139D		S	SOIC	16
74AHCT139D-T	NXP Semiconductor		SN74AHCT139DR		S	SOIC	16
74AHCT139PW	NXP Semiconductor		SN74AHCT139PW		S	TSSOP	16
74AHCT139PW-T	NXP Semiconductor		SN74AHCT139PWR		S	TSSOP	16
74AHCT14D	NXP Semiconductor		SN74AHCT14D		S	SOIC	14
74AHCT14D-T	NXP Semiconductor		SN74AHCT14DR		S	SOIC	14
74AHCT14PW	NXP Semiconductor		SN74AHCT14PW		S	TSSOP	14
74AHCT14PWDH	NXP Semiconductor		SN74AHCT14PW		S	TSSOP	14
74AHCT14PW-T	NXP Semiconductor		SN74AHCT14PWR		S	TSSOP	14
74AHCT157D	NXP Semiconductor		SN74AHCT157D		S	SOIC	16
74AHCT157D-T	NXP Semiconductor		SN74AHCT157DR		S	SOIC	16
74AHCT157PW	NXP Semiconductor		SN74AHCT157PW		S	TSSOP	16
74AHCT157PW-T	NXP Semiconductor		SN74AHCT157PWR		S	TSSOP	16
74AHCT1G00GV	NXP Semiconductor		SN74AHCT1G00DBVR		S	SOT753	5
74AHCT1G00GW	NXP Semiconductor		SN74AHCT1G00DCKR		S	SC-70	5
74AHCT1G00GW-G	NXP Semiconductor	Green	SN74AHCT1G00DCKR		S	SC-70/EIAJSC88	5
74AHCT1G02GV	NXP Semiconductor		SN74AHCT1G02DBVR		S	SOT753	5
74AHCT1G02GW	NXP Semiconductor		SN74AHCT1G02DCKR		S	SC-70	5
74AHCT1G02GW-G	NXP Semiconductor	Green	SN74AHCT1G02DCKR		S	SC-70/EIAJSC88	5
74AHCT1G04GV	NXP Semiconductor		SN74AHCT1G04DBVR		S	SOT753	5
74AHCT1G04GW	NXP Semiconductor		SN74AHCT1G04DCKR		S	SC-88A	5
74AHCT1G04GW-G	NXP Semiconductor	Green	SN74AHCT1G04DCKR		S	SC-70/EIAJSC88	5
74AHCT1G08GV	NXP Semiconductor		SN74AHCT1G08DBVR		S	SOT753	5
74AHCT1G08GW	NXP Semiconductor		SN74AHCT1G08DCKR		S	SC-88A	5
74AHCT1G08GW-G	NXP Semiconductor	Green	SN74AHCT1G08DCKR		S	SC-70/EIAJSC88	5

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74AHCT1G125GV	NXP Semiconductor		SN74AHCT1G125DBVR		S	SOT753	5
74AHCT1G125GW	NXP Semiconductor		SN74AHCT1G125DCKR		S	SC-88A	5
74AHCT1G125GW-G	NXP Semiconductor	Green	SN74AHCT1G125DCKR		S	SC-70/EIAJSC88	5
74AHCT1G126GV	NXP Semiconductor		SN74AHCT1G126DBVR		S	SOT753	5
74AHCT1G126GW	NXP Semiconductor		SN74AHCT1G126DCKR		S	SC-88A	5
74AHCT1G126GW-G	NXP Semiconductor	Green	SN74AHCT1G126DCKR		S	SC-70/EIAJSC88	5
74AHCT1G14GV	NXP Semiconductor		SN74AHCT1G14DBVR		S	SOT753	5
74AHCT1G14GW	NXP Semiconductor		SN74AHCT1G14DCKR		S	SC-88	5
74AHCT1G14GW-G	NXP Semiconductor	Green	SN74AHCT1G14DCKR		S	SC-70/EIAJSC88	5
74AHCT1G32GV	NXP Semiconductor		SN74AHCT1G32DBVR		S	SOT753	5
74AHCT1G32GW	NXP Semiconductor		SN74AHCT1G32DCKR		S	SC-70	5
74AHCT1G32GW-G	NXP Semiconductor	Green	SN74AHCT1G32DCKR		S	SC-70/EIAJSC88	5
74AHCT1G86GV	NXP Semiconductor		SN74AHCT1G86DBVR		S	SC-74A	5
74AHCT1G86GW	NXP Semiconductor		SN74AHCT1G86DCKR		S	SC-70	5
74AHCT1G86GW-G	NXP Semiconductor	Green	SN74AHCT1G86DCKR		S	SC-70/EIAJSC88	5
74AHCT244D	NXP Semiconductor		SN74AHCT244DW		S	SOIC	20
74AHCT244D-T	NXP Semiconductor		SN74AHCT244DWR		S	SOIC	20
74AHCT244PW	NXP Semiconductor		SN74AHCT244PW		S	TSSOP	20
74AHCT244PW-T	NXP Semiconductor		SN74AHCT244PWR		S	TSSOP	20
74AHCT245D	NXP Semiconductor		SN74AHCT245DW		S	SOIC	20
74AHCT245D-T	NXP Semiconductor		SN74AHCT245DWR		S	SOIC	20
74AHCT245PW	NXP Semiconductor		SN74AHCT245PW		S	TSSOP	20
74AHCT245PW-T	NXP Semiconductor		SN74AHCT245PWR		S	TSSOP	20
74AHCT273D	NXP Semiconductor		SN74AHCT273DW		S	SOIC	20
74AHCT273D-T	NXP Semiconductor		SN74AHCT273DWR		S	SOIC	20
74AHCT273PW	NXP Semiconductor		SN74AHCT273PWR		S	TSSOP	20
74AHCT273PW-T	NXP Semiconductor		SN74AHCT273PWR		S	TSSOP	20
74AHCT32D	NXP Semiconductor		SN74AHCT32D		S	SOIC	14
74AHCT32D-T	NXP Semiconductor		SN74AHCT32DR		S	SOIC	14
74AHCT32PW	NXP Semiconductor		SN74AHCT32PW		S	TSSOP	14
74AHCT32PW-T	NXP Semiconductor		SN74AHCT32PWR		S	TSSOP	14
74AHCT373D	NXP Semiconductor		SN74AHCT373DW		S	SOIC	20
74AHCT373D-T	NXP Semiconductor		SN74AHCT373DWR		S	SOIC	20
74AHCT373PW	NXP Semiconductor		SN74AHCT373PW		S	TSSOP	20
74AHCT373PW-T	NXP Semiconductor		SN74AHCT373PWR		S	TSSOP	20
74AHCT374D	NXP Semiconductor		SN74AHCT374DW		S	SOIC	20
74AHCT374D-T	NXP Semiconductor		SN74AHCT374DWR		S	SOIC	20
74AHCT374PW	NXP Semiconductor		SN74AHCT374PW		S	TSSOP	20
74AHCT374PW-T	NXP Semiconductor		SN74AHCT374PWR		S	TSSOP	20
74AHCT541D	NXP Semiconductor		SN74AHCT541DW		S	SOIC	20
74AHCT541D-T	NXP Semiconductor		SN74AHCT541DWR		S	SOIC	20
74AHCT541PW	NXP Semiconductor		SN74AHCT541PW		S	TSSOP	20
74AHCT541PW-T	NXP Semiconductor		SN74AHCT541PWR		S	TSSOP	20
74AHCT573D	NXP Semiconductor		SN74AHCT573DW		S	SOIC	20
74AHCT573D-T	NXP Semiconductor		SN74AHCT573DWR		S	SOIC	20
74AHCT573PW	NXP Semiconductor	tpd, Vs differ	SN74AHCT573NSR		S	SOP	20
74AHCT573PW-T	NXP Semiconductor		SN74AHCT573PW		S	TSSOP	20
74AHCT573PW-T	NXP Semiconductor		SN74AHCT573PWR		S	TSSOP	20
74AHCT574D	NXP Semiconductor		SN74AHCT574DW		S	SOIC	20
74AHCT574D-T	NXP Semiconductor		SN74AHCT574DWR		S	SOIC	20
74AHCT574PW	NXP Semiconductor		SN74AHCT574PW		S	TSSOP	20
74AHCT574PW-T	NXP Semiconductor		SN74AHCT574PWR		S	TSSOP	20
74AHCT595D	NXP Semiconductor		SN74AHCT595D		S	SOIC	16
74AHCT595D-T	NXP Semiconductor		SN74AHCT595DR		S	SOIC	16
74AHCT595PW	NXP Semiconductor		SN74AHCT595PW		S	TSSOP	16
74AHCT595PW-T	NXP Semiconductor		SN74AHCT595PWR		S	TSSOP	16
74AHCT74D	NXP Semiconductor		SN74AHCT74D		S	SOIC	14
74AHCT74D	NXP Semiconductor	tpd differs	SN74AHCT74DE4		S	SOIC	14
74AHCT74D-T	NXP Semiconductor		SN74AHCT74DR		S	SOIC	14
74AHCT74PW	NXP Semiconductor		SN74AHCT74PW		S	TSSOP	14
74AHCT74PW-T	NXP Semiconductor		SN74AHCT74PWR		S	TSSOP	14
74AHCT86D	NXP Semiconductor		SN74AHCT86D		S	SOIC	14
74AHCT86D-T	NXP Semiconductor		SN74AHCT86DR		S	SOIC	14
74AHCT86PW	NXP Semiconductor		SN74AHCT86PW		S	TSSOP	14

74AHCT1G125GV — 74AHCT86PW

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74AHCT86PW-T	NXP Semiconductor		SN74AHCT86PWR		S	TSSOP	14
74AHCU04D	NXP Semiconductor		SN74AHCU04D		S	SOIC	14
74AHCU04D	NXP Semiconductor		SN74AHCU04NSR		S	SOP	14
74AHCU04D-T	NXP Semiconductor		SN74AHCU04DR		S	SOIC	14
74AHCU04PW	NXP Semiconductor		SN74AHCU04PW		S	TSSOP	14
74AHCU04PW-T	NXP Semiconductor		SN74AHCU04PWR		S	TSSOP	14
74ALS04BDB	NXP Semiconductor		SN74ALS04BDBR		S	SSOP	14
74ALS109AD	NXP Semiconductor	tpd differs	SN74ALS109ADE4		S	SOIC	16
74ALS153D	NXP Semiconductor	tpd differs	SN74ALS157AD		S	SOIC	16
74ALS153D	NXP Semiconductor	tpd differs	SN74ALS158D		S	SOIC	16
74ALS153N	NXP Semiconductor	tpd differs	SN74ALS157AN		S	PDIP	16
74ALS153N	NXP Semiconductor	tpd differs	SN74ALS158N		S	PDIP	16
74ALS157D	NXP Semiconductor	tpd differs	SN74ALS157AD		S	SOIC	16
74ALS157D	NXP Semiconductor		SN74ALS158D		S	SOIC	16
74ALS157N	NXP Semiconductor	tpd differs	SN74ALS157AN		S	PDIP	16
74ALS157N	NXP Semiconductor		SN74ALS158N		S	PDIP	16
74ALS158D	NXP Semiconductor	tpd differs	SN74ALS157AD		S	SOIC	16
74ALS158D	NXP Semiconductor	tpd differs	SN74ALS158D		S	SOIC	16
74ALS158N	NXP Semiconductor	tpd differs	SN74ALS157AN		S	PDIP	16
74ALS158N	NXP Semiconductor	tpd differs	SN74ALS158N		S	PDIP	16
74ALS161BD	NXP Semiconductor	tpd differs	SN74ALS161BD		S	SOIC	16
74ALS161BN	NXP Semiconductor	tpd differs	SN74ALS161BN		S	PDIP	16
74ALS161BN	NXP Semiconductor	tpd differs	SN74ALS161AN		S	PDIP	16
74ALS163BD	NXP Semiconductor	tpd differs	SN74ALS163BD		S	SOIC	16
74ALS163BN	NXP Semiconductor	tpd differs	SN74ALS163BN		S	PDIP	16
74ALS253D	NXP Semiconductor	tpd differs	SN74ALS253D		S	SOIC	16
74ALS253N	NXP Semiconductor	tpd differs	SN74ALS253N		S	PDIP	16
74ALS257D	NXP Semiconductor	tpd differs	SN74ALS257AD		S	SOIC	16
74ALS257N	NXP Semiconductor	tpd differs	SN74ALS257AN		S	PDIP	16
74ALS258D	NXP Semiconductor		SN74ALS258AD		S	SOIC	16
74ALS258N	NXP Semiconductor		SN74ALS258AN		S	PDIP	16
74ALS563AD	NXP Semiconductor	tpd differs	SN74ALS373ADW		S	SOP	20
74ALS563AN	NXP Semiconductor		SN74ALS563BN		S	PDIP	20
74ALS573BD	NXP Semiconductor		SN74ALS573CDW		S	SOP	20
74ALS573BN	NXP Semiconductor		SN74ALS573CN		S	PDIP	20
74ALS74AD	NXP Semiconductor		SN74ALS74ADE4		S	SOIC	14
74ALVC00M	Fairchild Semiconductor		SN74ALVC00D		S	SOIC	14
74ALVC00MTC	Fairchild Semiconductor		SN74ALVC00PWR		S	TSSOP	14
74ALVC00MTCX	Fairchild Semiconductor		SN74ALVC00PWR		S	TSSOP	14
74ALVC00MX	Fairchild Semiconductor		SN74ALVC00DR		S	SOIC	14
74ALVC08M	Fairchild Semiconductor		SN74ALVC08D		S	SOIC	14
74ALVC08MTC	Fairchild Semiconductor		SN74ALVC08PWR		S	TSSOP	14
74ALVC08MTCX	Fairchild Semiconductor		SN74ALVC08PWR		S	TSSOP	14
74ALVC08MX	Fairchild Semiconductor		SN74ALVC08DR		S	SOIC	14
74ALVC162244PA	Integrated Device Technology (IDT)		SN74ALVCH162244GR	Bus-hold	Q	TSSOP	48
74ALVC162244PA8	Integrated Device Technology (IDT)		SN74ALVCH162244GR	Bus-hold	Q	TSSOP	48
74ALVC162244PV	Integrated Device Technology (IDT)	Discontinued L-05-04, 5/2/2005	SN74ALVCH162244DL	Bus-hold	Q	SSOP	48
74ALVC162244PV8	Integrated Device Technology (IDT)	Discontinued L-05-04, 5/2/2005	SN74ALVCH162244DLR	Bus-hold	Q	SSOP	48
74ALVC162245T	Fairchild Semiconductor	No bus-hold, A-port resistors, not available tubed, use reeled	SN74ALVCHR16245GR	Bus-hold, A & B-port series resistors	Q	TSSOP	48
74ALVC162245TX	Fairchild Semiconductor	No bus-hold, A-port resistors	SN74ALVCHR16245GR	Bus-hold, A & B-port series resistors	Q	TSSOP	48
74ALVC162373T	Fairchild Semiconductor	No bus-hold	SN74ALVCH162373GR	Bus-hold	Q	TSSOP	48
74ALVC162373TX	Fairchild Semiconductor	No bus-hold	SN74ALVCH162373GR	Bus-hold	Q	TSSOP	48
74ALVC162374T	Fairchild Semiconductor	No bus-hold	SN74ALVCH162374GR	Bus-hold	Q	TSSOP	48
74ALVC162374TX	Fairchild Semiconductor	No bus-hold	SN74ALVCH162374GR	Bus-hold	Q	TSSOP	48
74ALVC16240MTD	Fairchild Semiconductor	No bus-hold	SN74ALVCH16240DGG	Bus-hold	Q	TSSOP	48
74ALVC16240MTDX	Fairchild Semiconductor	No bus-hold	SN74ALVCH16240DGG	Bus-hold	Q	TSSOP	48
74ALVC16244DL	NXP Semiconductor		SN74ALVC16244ADL		S	SSOP	48
74ALVC16244DL-T	NXP Semiconductor		SN74ALVC16244ADLR		S	SSOP	48
74ALVC16244GX	Fairchild Semiconductor		SN74ALVC16244AGRDR		S	BGA	54
74ALVC16244MTD	Fairchild Semiconductor		SN74ALVC16244ADGGR		S	TSSOP	48
74ALVC16244MTDX	Fairchild Semiconductor		SN74ALVC16244ADGGR		S	TSSOP	48
74ALVC16245G	Fairchild Semiconductor	IP tolerance, tpd differ	74ALVCH16245ZRDR		S	FBGA	54
74ALVC16245GX	Fairchild Semiconductor	IP tolerance, tpd differ	74ALVCH16245ZRDR		S	FBGA	54

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74ALVC162601T	Fairchild Semiconductor	No bus-hold	SN74ALVCH162601GR	Bus-hold	Q	TSSOP	56
74ALVC162601TX	Fairchild Semiconductor	No bus-hold	SN74ALVCH162601GR	Bus-hold	Q	TSSOP	56
74ALVC162827T	Fairchild Semiconductor	No bus-hold	SN74ALVCH162827GR	Bus-hold	Q	TSSOP	56
74ALVC162827TX	Fairchild Semiconductor	No bus-hold	SN74ALVCH162827GR	Bus-hold	Q	TSSOP	56
74ALVC162836ADGG	NXP Semiconductor	Vs differs	SN74ALVC162836DGGR		S	TSSOP	56
74ALVC162836PA	Integrated Device Technology (IDT)		SN74ALVC162836DGGR		S	TSSOP	56
74ALVC162836PA8	Integrated Device Technology (IDT)		SN74ALVC162836DGGR		S	TSSOP	56
74ALVC16373GX	Fairchild Semiconductor	No Bus-hold	74ALVCH16373ZRDR	Bus-hold	Q	FBGA	54
74ALVC16373MTD	Fairchild Semiconductor	No bus-hold	SN74ALVCH16373DGGR	Bus-hold	Q	TSSOP	48
74ALVC16373MTDX	Fairchild Semiconductor	No bus-hold	SN74ALVCH16373DGGR	Bus-hold	Q	TSSOP	48
74ALVC16374GX	Fairchild Semiconductor	No bus-hold	74ALVCH16374GRDR	Bus-hold	Q	BGA	54
74ALVC16374MTD	Fairchild Semiconductor	No bus-hold	SN74ALVCH16374DGGR	Bus-hold	Q	TSSOP	48
74ALVC16374MTDX	Fairchild Semiconductor	No bus-hold	SN74ALVCH16374DGGR	Bus-hold	Q	TSSOP	48
74ALVC164245DGG	NXP Semiconductor	tpd, Vs differ	SN74ALVC164245DGGR		S	TSSOP	48
74ALVC164245DGG-T	NXP Semiconductor		SN74ALVC164245DGGR		S	TSSOP	48
74ALVC164245DL	NXP Semiconductor		SN74ALVC164245DL		S	SSOP	48
74ALVC164245DL-T	NXP Semiconductor		SN74ALVC164245DLR		S	SSOP	48
74ALVC16500MTD	Fairchild Semiconductor	No bus-hold	SN74ALVCH16500DGGR	Bus-hold	Q	TSSOP	56
74ALVC16500MTDX	Fairchild Semiconductor	No bus-hold	SN74ALVCH16500DGGR	Bus-hold	Q	TSSOP	56
74ALVC16501MTD	Fairchild Semiconductor	No bus-hold	SN74ALVCH16501DGGR	Bus-hold	Q	TSSOP	56
74ALVC16501MTDX	Fairchild Semiconductor	No bus-hold	SN74ALVCH16501DGGR	Bus-hold	Q	TSSOP	56
74ALVC16601MTD	Fairchild Semiconductor	No bus-hold	SN74ALVCH16601DGGR	Bus-hold	Q	TSSOP	48
74ALVC16601MTDX	Fairchild Semiconductor	No bus-hold	SN74ALVCH16601DGGR	Bus-hold	Q	TSSOP	48
74ALVC16721MTD	Fairchild Semiconductor	No bus-hold	SN74ALVCH16721DGGR	Bus-hold	Q	TSSOP	56
74ALVC16721MTDX	Fairchild Semiconductor	No bus-hold	SN74ALVCH16721DGGR	Bus-hold	Q	TSSOP	56
74ALVC16821MTD	Fairchild Semiconductor	No bus-hold	SN74ALVCH16821DGGR	Bus-hold	Q	TSSOP	56
74ALVC16821MTDX	Fairchild Semiconductor	No bus-hold	SN74ALVCH16821DGGR	Bus-hold	Q	TSSOP	56
74ALVC16827MTD	Fairchild Semiconductor	No bus-hold	SN74ALVCH16827DGGR	Bus-hold	Q	TSSOP	56
74ALVC16827MTDX	Fairchild Semiconductor	No bus-hold	SN74ALVCH16827DGGR	Bus-hold	Q	TSSOP	56
74ALVC16835DGG	NXP Semiconductor		SN74ALVC16835DGGR		S	TSSOP	56
74ALVC16835DGG-T	NXP Semiconductor		SN74ALVC16835DGGR		S	TSSOP	56
74ALVC16841MTD	Fairchild Semiconductor	No bus-hold	SN74ALVCH16841DGGR	Bus-hold	Q	TSSOP	56
74ALVC16841MTDX	Fairchild Semiconductor	No bus-hold	SN74ALVCH16841DGGR	Bus-hold	Q	TSSOP	56
74ALVC1G126DY8	Integrated Device Technology (IDT)	tpd differs	SN74ALVC1G126DCKR	tpd differs	Q	SC-70/EIAJSC88	5
74ALVC244D-T	NXP Semiconductor		SN74ALVC244DWR		S	SOIC	20
74ALVC244PW-T	NXP Semiconductor		SN74ALVC244PWR		S	TSSOP	20
74ALVC244SO	Integrated Device Technology (IDT)		SN74ALVC244DW		S	SOIC	20
74ALVC32M	Fairchild Semiconductor		SN74ALVC32D		S	SOIC	14
74ALVC32MTC	Fairchild Semiconductor		SN74ALVC32PW		S	TSSOP	14
74ALVC32MTCX	Fairchild Semiconductor		SN74ALVC32PWR		S	TSSOP	14
74ALVC32MX	Fairchild Semiconductor		SN74ALVC32DR		S	SOIC	14
74ALVCF162835T	Fairchild Semiconductor		SN74ALVCF162835GR		S	TSSOP	56
74ALVCF162835TX	Fairchild Semiconductor	Discontinued PCN 20040701, 02/27/2004	SN74ALVCF162835GR		S	TSSOP	56
74ALVCH162244DL	NXP Semiconductor	tpd, Vs differ	SN74ALVCH162244DL		S	SSOP	48
74ALVCH162244PA	Integrated Device Technology (IDT)		SN74ALVCH162244GR		S	TSSOP	48
74ALVCH162244PA8	Integrated Device Technology (IDT)		SN74ALVCH162244GR		S	TSSOP	48
74ALVCH162244PAG	Integrated Device Technology (IDT)	Green	SN74ALVCH162244GR		S	TSSOP	48
74ALVCH162244PAG8	Integrated Device Technology (IDT)	Green	SN74ALVCH162244GR		S	TSSOP	48
74ALVCH162244PV	Integrated Device Technology (IDT)		SN74ALVCH162244DL		S	SSOP	48
74ALVCH162244PV8	Integrated Device Technology (IDT)		SN74ALVCH162244DLR		S	SSOP	48
74ALVCH162244PVG	Integrated Device Technology (IDT)	Green	SN74ALVCH162244DL		S	SSOP	48
74ALVCH162244PVG8	Integrated Device Technology (IDT)	Green	SN74ALVCH162244DLR		S	SSOP	48
74ALVCH162244T	Fairchild Semiconductor		SN74ALVCH162244GR		S	TSSOP	48
74ALVCH162244T	ST Microelectronics (STM)	Vs differs	SN74ALVCH162244GR		S	TSSOP	48
74ALVCH162244TX	Fairchild Semiconductor		SN74ALVCH162244GR		S	TSSOP	48
74ALVCH162245PA	Integrated Device Technology (IDT)	A port +/- 12 mA, B port +/- 24 mA	SN74ALVCHR16245GR	A & B ports have series resistors, +/- 12 mA drive,	Q	TSSOP	48
74ALVCH162245PA8	Integrated Device Technology (IDT)	A port +/- 12 mA, B port +/- 24 mA	SN74ALVCHR16245GR	A & B-ports have series resistors, +/- 12 mA drive	Q	TSSOP	48
74ALVCH162245PAG	Integrated Device Technology (IDT)	A port +/- 12 mA, B port +/- 24 mA, Green	SN74ALVCHR16245GR	A & B ports have series resistors, +/- 12 mA drive,	Q	TSSOP	48
74ALVCH162245PAG8	Integrated Device Technology (IDT)	A port +/- 12 mA, B port +/- 24 mA, Green	SN74ALVCHR16245GR	A & B-ports have series resistors, +/- 12 mA drive	Q	TSSOP	48
74ALVCH162374T	ST Microelectronics (STM)	tpd differs	SN74ALVCH162374GR		S	TSSOP	48

74ALVC162601T — 74ALVCH162374T

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74ALVCH16240T	Fairchild Semiconductor		SN74ALVCH16240DGGR		S	TSSOP	48
74ALVCH16240T	ST Microelectronics (STM)		SN74ALVCH16240DGGR		S	TSSOP	48
74ALVCH16240TX	Fairchild Semiconductor		SN74ALVCH16240DGGR		S	TSSOP	48
74ALVCH16244DL	NXP Semiconductor	Vs differs	SN74ALVCH16244DL		S	SSOP	48
74ALVCH16244DL-T	NXP Semiconductor	Vs differs	SN74ALVCH16244DLR		S	SSOP	48
74ALVCH16244T	Fairchild Semiconductor		SN74ALVCH16244DGGR		S	TSSOP	48
74ALVCH16244T	ST Microelectronics (STM)		SN74ALVCH16244DGGR		S	TSSOP	48
74ALVCH16244TX	Fairchild Semiconductor		SN74ALVCH16244DGGR		S	TSSOP	48
74ALVCH16245PA	Integrated Device Technology (IDT)		SN74ALVCH16245DGGR		S	TSSOP	48
74ALVCH16245PA8	Integrated Device Technology (IDT)		SN74ALVCH16245DGGR		S	TSSOP	48
74ALVCH16245PF	Integrated Device Technology (IDT)		SN74ALVCH16245DGVR		S	TVSOP	48
74ALVCH16245PF8	Integrated Device Technology (IDT)		SN74ALVCH16245DGVR		S	TVSOP	48
74ALVCH16245PV	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16245DL		S	SSOP	48
74ALVCH16245PV8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16245DLR		S	SSOP	48
74ALVCH162835PA	Integrated Device Technology (IDT)		SN74ALVCH162835GR		S	TSSOP	56
74ALVCH162835PA8	Integrated Device Technology (IDT)		SN74ALVCH162835GR		S	TSSOP	56
74ALVCH16373DGG	NXP Semiconductor	tpd, Vs differ	SN74ALVCH16373DGGR		S	TSSOP	48
74ALVCH16373DGG-T	NXP Semiconductor	Vs differs	SN74ALVCH16373DGGR		S	TSSOP	48
74ALVCH16373DL	NXP Semiconductor	Vs differs	SN74ALVCH16373DL		S	SSOP	48
74ALVCH16373PA	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16373DGGR		S	TSSOP	48
74ALVCH16373PA8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16373DGGR		S	TSSOP	48
74ALVCH16373PV	Integrated Device Technology (IDT)	Discontinued PDN L-04-06, 08/02/2004	SN74ALVCH16373DL		S	SSOP	48
74ALVCH16373PV8	Integrated Device Technology (IDT)	Discontinued PDN L-04-06, 08/02/2004	SN74ALVCH16373DLR		S	SSOP	48
74ALVCH16373T	Fairchild Semiconductor		SN74ALVCH16373DGGR		S	TSSOP	48
74ALVCH16373T	ST Microelectronics (STM)		SN74ALVCH16373DGGR		S	TSSOP	48
74ALVCH16373TX	Fairchild Semiconductor		SN74ALVCH16373DGGR		S	TSSOP	48
74ALVCH16374MTD	Fairchild Semiconductor		SN74ALVCH16374DGGR		S	TSSOP	48
74ALVCH16374PA	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16374DGGR		S	TSSOP	48
74ALVCH16374PA8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16374DGGR		S	TSSOP	48
74ALVCH16374PF	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16374DGVR		S	TVSOP	48
74ALVCH16374PF8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16374DGVR		S	TVSOP	48
74ALVCH16374PV	Integrated Device Technology (IDT)	Discontinued PDN L-04-06, 08/02/2004	SN74ALVCH16374DL		S	SSOP	48
74ALVCH16374PV8	Integrated Device Technology (IDT)	Discontinued PDN L-04-06, 08/02/2004	SN74ALVCH16374DLR		S	SSOP	48
74ALVCH16374T	Fairchild Semiconductor		SN74ALVCH16374DGGR		S	TSSOP	48
74ALVCH16374T	ST Microelectronics (STM)		SN74ALVCH16374DGGR		S	TSSOP	48
74ALVCH16374TX	Fairchild Semiconductor		SN74ALVCH16374DGGR		S	TSSOP	48
74ALVCH16501PA	Integrated Device Technology (IDT)		SN74ALVCH16501DGGR		S	TSSOP	56
74ALVCH16501PA8	Integrated Device Technology (IDT)		SN74ALVCH16501DGGR		S	TSSOP	56
74ALVCH16501PV	Integrated Device Technology (IDT)		SN74ALVCH16501DL		S	SSOP	56
74ALVCH16501PV8	Integrated Device Technology (IDT)		SN74ALVCH16501DLR		S	SSOP	56
74ALVCH16721PA	Integrated Device Technology (IDT)		SN74ALVCH16721DGGR		S	TSSOP	48
74ALVCH16721PA8	Integrated Device Technology (IDT)		SN74ALVCH16721DGGR		S	TSSOP	48
74ALVCH16721PF	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74ALVCH16721DGVR		S	TVSOP	48
74ALVCH16721PF8	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74ALVCH16721DGVR		S	TVSOP	48
74ALVCH16721PV	Integrated Device Technology (IDT)	Discontinued PDN L-04-06, 08/02/2004	SN74ALVCH16721DL		S	SSOP	48
74ALVCH16721PV8	Integrated Device Technology (IDT)	Discontinued PDN L-04-06, 08/02/2004	SN74ALVCH16721DLR		S	SSOP	48
74ALVCH16821DG	NXP Semiconductor	tpd differs	SN74ALVCH16821DGGR		S	TSSOP	56
74ALVCH16821DGG	NXP Semiconductor	tpd differs	SN74ALVCH16821DGGR		S	TSSOP	56
74ALVCH16821DL	NXP Semiconductor	tpd differs	SN74ALVCH16821DL		S	SSOP	56
74ALVCH16821DL-T	NXP Semiconductor	tpd differs	SN74ALVCH16821DLR		S	SSOP	56
74ALVCH16823DG	NXP Semiconductor	tpd differs	SN74ALVCH16823DGGR		S	TSSOP	56
74ALVCH16823DGG	NXP Semiconductor	tpd differs	SN74ALVCH16823DGGR		S	TSSOP	56
74ALVCH16823DG-T	NXP Semiconductor	tpd differs	SN74ALVCH16823DGGR		S	TSSOP	56
74ALVCH16823DL	NXP Semiconductor	tpd differs	SN74ALVCH16823DL		S	SSOP	56
74ALVCH16823DL-T	NXP Semiconductor	tpd differs	SN74ALVCH16823DLR		S	SSOP	56
74ALVCH16825DGG	NXP Semiconductor	Vs differs	SN74ALVCH16825DGGR		S	TSSOP	56
74ALVCH16832DGG	NXP Semiconductor		SN74ALVCH16832DGGR		S	TSSOP	64
74ALVCH16903PA	Integrated Device Technology (IDT)		SN74ALVCH16903DGGR		S	TSSOP	48
74ALVCH16903PA8	Integrated Device Technology (IDT)		SN74ALVCH16903DGGR		S	TSSOP	48
74ALVCH16903PF	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74ALVCH16903DGVR		S	TVSOP	48
74ALVCH16903PF8	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74ALVCH16903DGVR		S	TVSOP	48
74ALVCH16903PV	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16903DL		S	SSOP	48
74ALVCH16903PV8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16903DLR		S	SSOP	48
74ALVCH16952DG	NXP Semiconductor	Vs differs	SN74ALVCH16952DGGR		S	TSSOP	56

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74ALVCH16952DGG	NXP Semiconductor	Vs differs	SN74ALVCH16952DGG		S	TSSOP	56
74ALVCH16952DG-T	NXP Semiconductor	Vs differs	SN74ALVCH16952DGG		S	TSSOP	56
74ALVCH16952PA	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16952DGG		S	TSSOP	48
74ALVCH16952PA8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16952DGG		S	TSSOP	48
74ALVCH16952PF	Integrated Device Technology (IDT)	Discontinued PDN L-04-06, 08/02/2004	SN74ALVCH16952DGV		S	TVSOP	48
74ALVCH16952PF8	Integrated Device Technology (IDT)	Discontinued PDN L-04-06, 08/02/2004	SN74ALVCH16952DGV		S	TVSOP	48
74ALVCH16952PV	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16952DL		S	SSOP	48
74ALVCH16952PV8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16952DLR		S	SSOP	48
74ALVCH2245MTC	Fairchild Semiconductor	tpd differs	SN74ALVCH245PW		S	SOIC	20
74ALVCH245MTC	Fairchild Semiconductor		SN74ALVCH245DW		S	SOIC	20
74ALVCH245MTCX	Fairchild Semiconductor		SN74ALVCH245PW		S	TSSOP	20
74ALVCH245WM	Fairchild Semiconductor	tpd differs	SN74ALVCH245DW		S	SOIC	20
74ALVCH245WM	Fairchild Semiconductor		SN74ALVCH245PWR		S	TSSOP	20
74ALVCH245WMX	Fairchild Semiconductor		SN74ALVCH245DWR		S	SOIC	20
74ALVCH32245BF	Integrated Device Technology (IDT)		SN74ALVCH32245KR		S	LFPGA	96
74ALVCH32245BF8	Integrated Device Technology (IDT)		SN74ALVCH32245KR		S	LFPGA	96
74ALVCH32245BFG	Integrated Device Technology (IDT)	Green	74ALVCH32245ZKER		S	LFPGA	96
74ALVCH32245BFG8	Integrated Device Technology (IDT)	Green	74ALVCH32245ZKER		S	LFPGA	96
74ALVCH32245LB	ST Microelectronics (STM)		SN74ALVCH32245KR		S	LFPGA	96
74ALVCH32245LBR	ST Microelectronics (STM)		SN74ALVCH32245KR		S	LFPGA	96
74ALVCHR162269APA	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCHR16269AGR		S	TSSOP	48
74ALVCHR162269APA8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCHR16269AGR		S	TSSOP	48
74ALVCHR162269APF	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74ALVCHR16269AVR		S	TVSOP	48
74ALVCHR162269APF8	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74ALVCHR16269AVR		S	TVSOP	48
74ALVCHR162269APV	Integrated Device Technology (IDT)	Discontinued PDN L-04-06, 08/02/2004	SN74ALVCHR16269AL		S	SSOP	48
74ALVCHR162269APV8	Integrated Device Technology (IDT)	Discontinued PDN L-04-06, 08/02/2004	SN74ALVCHR16269ALR		S	SSOP	48
74ALVCHS162830DF	Integrated Device Technology (IDT)		74ALVCHS162830AGR	Not available tubed/trays, use reeled	S	TVSOP	80
74ALVCHS162830DF8	Integrated Device Technology (IDT)		74ALVCHS162830AGR		S	TVSOP	80
74ALVCHS162830DFG	Integrated Device Technology (IDT)	Pb-Free	74ALVCHS162830AGR	Not available tubed/trays, use reeled	S	TVSOP	80
74ALVCHS162830DFG8	Integrated Device Technology (IDT)	Pb-Free	74ALVCHS162830AGR		S	TVSOP	80
74ALVCR162601T	Fairchild Semiconductor	No bus-hold	SN74ALVCHR16601GR	Bus-hold	Q	TSSOP	56
74ALVCR162601TX	Fairchild Semiconductor	No bus-hold	SN74ALVCHR16601GR	Bus-hold	Q	TSSOP	56
74ALVT162240DGG	NXP Semiconductor		SN74ALVTH16240GR		S	TSSOP	48
74ALVT162244DG	NXP Semiconductor	Pb-Free	SN74ALVTH162244GR		S	TSSOP	48
74ALVT162244DG-T	NXP Semiconductor	Pb-Free	SN74ALVTH162244GR		S	TSSOP	48
74ALVT162244DL	NXP Semiconductor	Pb-Free	SN74ALVTH162244DL		S	SSOP	48
74ALVT162244DL-T	NXP Semiconductor	Pb-Free	SN74ALVTH162244DL		S	SSOP	48
74ALVT162245DG	NXP Semiconductor	tpd differs	SN74ALVTHR16245GR		S	TSSOP	48
74ALVT162245DG-T	NXP Semiconductor	Pb-Free	SN74ALVTHR16245GR		S	TSSOP	48
74ALVT162245DL	NXP Semiconductor	Pb-Free	SN74ALVTHR16245DL		S	SSOP	48
74ALVT162245DL-T	NXP Semiconductor	Pb-Free	SN74ALVTHR16245DL		S	SSOP	48
74ALVT16240DG	NXP Semiconductor	Pb-Free	SN74ALVTH16240GR		S	TSSOP	48
74ALVT16240DG-T	NXP Semiconductor	Pb-Free	SN74ALVTH16240GR		S	TSSOP	48
74ALVT16240DL	NXP Semiconductor	Pb-Free	SN74ALVTH16240DL		S	SSOP	48
74ALVT16240DL-T	NXP Semiconductor	Pb-Free	SN74ALVTH16240DLR		S	SSOP	48
74ALVT16244DG	NXP Semiconductor	Faster Power Up Ramp rate	SN74ALVTH16244GR	Match at 3.3V, different 2.5V load,	S	TSSOP	48
74ALVT16244DGG	NXP Semiconductor	Pb-Free, faster Power Up Ramp rate	SN74ALVTH16244GR	Match at 3.3V, different 2.5V load,	S	TSSOP	48
74ALVT16244DG-T	NXP Semiconductor	Pb-Free, faster Power Up Ramp rate	SN74ALVTH16244GR	Match at 3.3V, different 2.5V load	S	TSSOP	48
74ALVT16244DL	NXP Semiconductor	Pb-Free, faster Power Up Ramp rate	SN74ALVTH16244DL	Match at 3.3V, different 2.5V load	S	SSOP	48
74ALVT16244DL-T	NXP Semiconductor	Pb-Free, faster Power Up Ramp rate	SN74ALVTH16244DLR	Match at 3.3V, different 2.5V load	S	SSOP	48
74ALVT16245DG	NXP Semiconductor	tpd differs	SN74ALVTH16245GR		S	TSSOP	48
74ALVT16245DG-T	NXP Semiconductor	Pb-Free	SN74ALVTH16245GR		S	TSSOP	48
74ALVT16245DL	NXP Semiconductor	Pb-Free	SN74ALVTH16245DL		S	SSOP	48
74ALVT16245DL-T	NXP Semiconductor	Pb-Free	SN74ALVTH16245DLR		S	SSOP	48
74ALVT162827DL	NXP Semiconductor	tpd differs	SN74ALVTH162827DL		S	SSOP	56
74ALVT162827DL	NXP Semiconductor	tpd differs	SN74ALVTH16827DL		S	SSOP	56
74ALVT162827DL-T	NXP Semiconductor	tpd differs	SN74ALVTH162827LR		S	SSOP	56
74ALVT162827DL-T	NXP Semiconductor	tpd differs	SN74ALVTH16827DLR		S	SSOP	56
74ALVT16373DG	NXP Semiconductor	Pb-Free	SN74ALVTH16373GR		S	TSSOP	48
74ALVT16373DG-T	NXP Semiconductor	Pb-Free	SN74ALVTH16373GR		S	TSSOP	48
74ALVT16373DL	NXP Semiconductor	Pb-Free	SN74ALVTH16373DL		S	SSOP	48
74ALVT16373DL	NXP Semiconductor	tpd, Vs differ	SN74ALVTH162373DL		S	SSOP	48
74ALVT16373DL	NXP Semiconductor	tpd differs	SN74ALVTH16373DL		S	SSOP	48
74ALVT16373DL-T	NXP Semiconductor	Pb-Free	SN74ALVTH16373DLR		S	SSOP	48

74ALVCH16952DGG — 74ALVT16373DL-T

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74ALVT16374DG	NXP Semiconductor	Pb-Free	SN74ALVTH16374GR		S	TSSOP	48
74ALVT16374DG-T	NXP Semiconductor	Pb-Free	SN74ALVTH16374GR		S	TSSOP	48
74ALVT16374DL	NXP Semiconductor	Pb-Free	SN74ALVTH16374DL		S	SSOP	48
74ALVT16374DL-T	NXP Semiconductor	Pb-Free	SN74ALVTH16374DLR		S	SSOP	48
74ALVT16827DL	NXP Semiconductor	tpd differs	SN74ALVTH162827DL		S	SSOP	56
74ALVT16827DL	NXP Semiconductor	tpd differs	SN74ALVTH16827DL		S	SSOP	56
74ALVT16827DL-T	NXP Semiconductor	tpd differs	SN74ALVTH162827LR		S	SSOP	56
74ALVT16827DL-T	NXP Semiconductor	tpd differs	SN74ALVTH16827DLR		S	SSOP	56
74AUC16245BVI	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16245GQLR	Not available in trays, use reeled	S	BGA	56
74AUC16245BVI8	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16245GQLR		S	BGA	56
74AUC16245PAI	Integrated Device Technology (IDT)	Discontinued, PDN L-05-05, 06/30/2005	SN74AUC16245DGGR		S	TSSOP	48
74AUC16245PAI8	Integrated Device Technology (IDT)	Discontinued, PDN L-05-05, 06/30/2005	SN74AUC16245DGGR		S	TSSOP	48
74AUC16245PFI	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16245DGVR		S	TVSOP	48
74AUC16245PFI8	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16245DGVR		S	TVSOP	48
74AUC16374BVI	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16374GQLR	Not available in trays, use reeled	S	BGA	56
74AUC16374BVI8	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16374GQLR		S	BGA	56
74AUC16374PAI	Integrated Device Technology (IDT)	Discontinued, PDN L-05-05, 06/30/2005	SN74AUC16374DGGR		S	TSSOP	48
74AUC16374PAI8	Integrated Device Technology (IDT)	Discontinued, PDN L-05-05, 06/30/2005	SN74AUC16374DGGR		S	TSSOP	48
74AUC16374PFI	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16374DGVR		S	TVSOP	48
74AUC16374PFI8	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16374DGVR		S	TVSOP	48
74AUCH16245BVI	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16245GQLR	No bus-hold, Not available in trays, use reeled	Q	BGA	56
74AUCH16245BVI8	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16245GQLR	No bus-hold	Q	BGA	56
74AUCH16245PAI	Integrated Device Technology (IDT)	Discontinued, PDN L-05-05, 06/30/2005	SN74AUC16245DGGR	No bus-hold,	Q	TSSOP	48
74AUCH16245PAI8	Integrated Device Technology (IDT)	Discontinued, PDN L-05-05, 06/30/2005	SN74AUC16245DGGR	No bus-hold	Q	TSSOP	48
74AUCH16245PFI	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16245DGVR	No bus-hold,	Q	TVSOP	48
74AUCH16245PFI8	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16245DGVR	No bus-hold	Q	TVSOP	48
74AVC16244DGG	NXP Semiconductor		SN74AVC16244DGGR		S	TSSOP	48
74AVC16374DGG	NXP Semiconductor	tpd differs	SN74AVC16374DGGR		S	TSSOP	48
74AVC16835ADG	NXP Semiconductor		SN74AVC16835DGGR		S	TSSOP	56
74AVC16835ADG-T	NXP Semiconductor		SN74AVC16835DGGR		S	TSSOP	56
74AVC16835ADGV	NXP Semiconductor		SN74AVC16835DGVR		S	TSSOP	56
74AVC16835ADGV-T	NXP Semiconductor	Pb-Free	SN74AVC16835DGVR		S	TVSOP	56
74AVCM162835DGG	NXP Semiconductor		SN74ALVCF162835GR		S	TSSOP	56
74CBTLV3125PG	Integrated Device Technology (IDT)		SN74CBTLV3125PW		S	TSSOP	14
74CBTLV3125PG8	Integrated Device Technology (IDT)		SN74CBTLV3125PWR		S	TSSOP	14
74CBTLV3125Q	Integrated Device Technology (IDT)		SN74CBTLV3125DBQR		S	SSOP/QSOP	16
74CBTLV3125Q8	Integrated Device Technology (IDT)		SN74CBTLV3125DBQR		S	SSOP/QSOP	16
74CBTLV3126PG	Integrated Device Technology (IDT)		SN74CBTLV3126PW		S	TSSOP	14
74CBTLV3126PG8	Integrated Device Technology (IDT)		SN74CBTLV3126PWR		S	TSSOP	14
74CBTLV3126Q	Integrated Device Technology (IDT)		SN74CBTLV3126DBQR		S	SSOP/QSOP	16
74CBTLV3126Q8	Integrated Device Technology (IDT)		SN74CBTLV3126DBQR		S	SSOP/QSOP	16
74CBTLV3244PG	Integrated Device Technology (IDT)	Green	SN74CB3Q3244PW		S	TSSOP	20
74CBTLV3244PG8	Integrated Device Technology (IDT)	Green	SN74CB3Q3244PWR		S	TSSOP	20
74CBTLV3244PY	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CB3Q3244DBR		S	SSOP	20
74CBTLV3244PY8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CB3Q3244DBR		S	SSOP	20
74CBTLV3244Q	Integrated Device Technology (IDT)		SN74CB3Q3244DBQR		S	SSOP/QSOP	20
74CBTLV3244Q8	Integrated Device Technology (IDT)		SN74CB3Q3244DBQR		S	SSOP/QSOP	20
74CBTLV3245PG	Integrated Device Technology (IDT)		SN74CBTLV3245APW		S	TSSOP	20
74CBTLV3245PG8	Integrated Device Technology (IDT)		SN74CBTLV3245APWR		S	TSSOP	20
74CBTLV3245Q	Integrated Device Technology (IDT)		SN74CBTLV3245ADBQR		S	SSOP/QSOP	20
74CBTLV3245Q8	Integrated Device Technology (IDT)		SN74CBTLV3245ADBQR		S	SSOP/QSOP	20
74CBTLV3251PG	Integrated Device Technology (IDT)		SN74CBTLV3251PWR		S	TSSOP	16
74CBTLV3251PG8	Integrated Device Technology (IDT)		SN74CBTLV3251PWR		S	TSSOP	16
74CBTLV3251Q	Integrated Device Technology (IDT)		SN74CBTLV3251DBQR		S	SSOP/QSOP	16
74CBTLV3251Q8	Integrated Device Technology (IDT)		SN74CBTLV3251DBQR		S	SSOP/QSOP	16
74CBTLV3251QG	Integrated Device Technology (IDT)	Green	SN74CBTLV3251DBQR		S	SSOP/QSOP	16
74CBTLV3251QG8	Integrated Device Technology (IDT)	Green	SN74CBTLV3251DBQR		S	SSOP/QSOP	16
74CBTLV3253PG	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CBTLV3253PW		S	TSSOP	16
74CBTLV3253PG8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CBTLV3253PWR		S	TSSOP	16
74CBTLV3253PGG	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CBTLV3253PW		S	TSSOP	16
74CBTLV3253PGG8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CBTLV3253PWR		S	TSSOP	16
74CBTLV3253Q	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CBTLV3253DBQR		S	SSOP/QSOP	16
74CBTLV3253Q8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CBTLV3253DBQR		S	SSOP/QSOP	16
74CBTLV3257PG	Integrated Device Technology (IDT)		SN74CBTLV3257PW		S	TSSOP	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74CBTLV3257PG8	Integrated Device Technology (IDT)		SN74CBTLV3257PWR		S	TSSOP	16
74CBTLV3257Q	Integrated Device Technology (IDT)		SN74CBTLV3257DBQR		S	SSOP/QSOP	16
74CBTLV3257Q8	Integrated Device Technology (IDT)		SN74CBTLV3257DBQR		S	QSOP	16
74CBTLV3383PG	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CBTLV3383PW		S	TSSOP	24
74CBTLV3383PG8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CBTLV3383PWR		S	TSSOP	24
74CBTLV3383Q	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CBTLV3383DBQR		S	SSOP/QSOP	24
74CBTLV3383Q8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CBTLV3383DBQR		S	SSOP/QSOP	24
74CBTLV3384PG	Integrated Device Technology (IDT)	Discontinued L-05-04, 05/02/2005	SN74CBTLV3384PW		S	TSSOP	24
74CBTLV3384PG8	Integrated Device Technology (IDT)	Discontinued L-05-04, 05/02/2005	SN74CBTLV3384PWR		S	TSSOP	24
74CBTLV3384PGG	Integrated Device Technology (IDT)	Discontinued L-05-04, 05/02/2005	SN74CBTLV3384PW		S	TSSOP	24
74CBTLV3384PGG8	Integrated Device Technology (IDT)	Discontinued L-05-04, 05/02/2005	SN74CBTLV3384PWR		S	TSSOP	24
74CBTLV3384Q	Integrated Device Technology (IDT)		SN74CBTLV3384DBQR		S	SSOP/QSOP	24
74CBTLV3384Q8	Integrated Device Technology (IDT)		SN74CBTLV3384DBQR		S	SSOP/QSOP	24
74F00PC	Fairchild Semiconductor		SN74F00N		S	PDIP	14
74F00SC	Fairchild Semiconductor		SN74F00D		S	SOIC	14
74F00SCX	Fairchild Semiconductor		SN74F00DR		S	SOIC	14
74F00SJ	Fairchild Semiconductor		SN74F00NSR		S	SOP-EIAJ-II	14
74F00SJX	Fairchild Semiconductor		SN74F00NSR		S	SOP-EIAJ-II	14
74F02PC	Fairchild Semiconductor		SN74F02N		S	PDIP	14
74F02SC	Fairchild Semiconductor		SN74F02D		S	SOIC	14
74F02SCX	Fairchild Semiconductor		SN74F02DE4		S	SOIC	14
74F02SCX	Fairchild Semiconductor		SN74F02DR		S	SOIC	14
74F02SCX	Fairchild Semiconductor		SN74F02DRE4		S	SOIC	14
74F02SJ	Fairchild Semiconductor		SN74F02NSR		S	SOP-EIAJ-II	14
74F02SJX	Fairchild Semiconductor		SN74F02NSR		S	SOP-EIAJ-II	14
74F02SJX	Fairchild Semiconductor		SN74F02NSRE4		S	SOP-EIAJ-II	14
74F04PC	Fairchild Semiconductor		SN74F04N		S	PDIP	14
74F04SC	Fairchild Semiconductor		SN74F04D		S	SOIC	14
74F04SCX	Fairchild Semiconductor		SN74F04DR		S	SOIC	14
74F04SJ	Fairchild Semiconductor		SN74F04NSR		S	SOP	14
74F04SJX	Fairchild Semiconductor		SN74F04NSR		S	SOP-EIAJ-II	14
74F08PC	Fairchild Semiconductor		SN74F08N		S	PDIP	14
74F08SC	Fairchild Semiconductor		SN74F08D		S	SOIC	14
74F08SCX	Fairchild Semiconductor		SN74F08DR		S	SOIC	14
74F08SJ	Fairchild Semiconductor		SN74F08NSR		S	SOP-EIAJ-II	14
74F08SJX	Fairchild Semiconductor		SN74F08NSR		S	SOP-EIAJ-II	14
74F109PC	Fairchild Semiconductor		SN74F109N		S	PDIP	16
74F109SC	Fairchild Semiconductor		SN74F109D		S	SOIC	16
74F109SC	National Semiconductor (NSC)	tpd differs	SN74F109DE4		S	SOIC	16
74F109SC	Fairchild Semiconductor		SN74F109DE4		S	SOIC	16
74F109SC_NL	Fairchild Semiconductor	Pb-Free	SN74F109DE4		S	SOIC	16
74F109SCX	Fairchild Semiconductor		SN74F109DR		S	SOIC	16
74F109SCX	National Semiconductor (NSC)	tpd differs	SN74F109DRE4		S	SOIC	16
74F109SCX	Fairchild Semiconductor		SN74F109DRE4		S	SOIC	16
74F109SCX_NL	Fairchild Semiconductor	Pb-Free	SN74F109DRE4		S	SOIC	16
74F10PC	Fairchild Semiconductor		SN74F10N		S	PDIP	14
74F10SC	Fairchild Semiconductor		SN74F10D		S	SOIC	14
74F10SCX	Fairchild Semiconductor		SN74F10DR		S	SOIC	14
74F10SJ	Fairchild Semiconductor		SN74F10NSR		S	SOP-EIAJ-II	14
74F10SJX	Fairchild Semiconductor		SN74F10NSR		S	SOP-EIAJ-II	14
74F112PC	Fairchild Semiconductor		SN74F112N		S	PDIP	16
74F112SC	Fairchild Semiconductor		SN74F112D		S	SOIC	16
74F112SC	Fairchild Semiconductor		SN74F112DE4		S	SOIC	16
74F112SCX	Fairchild Semiconductor		SN74F112DR		S	SOIC	16
74F112SCX	Fairchild Semiconductor		SN74F112DRE4		S	SOIC	16
74F112SJ	Fairchild Semiconductor		SN74F112NSR		S	SOP-EIAJ-II	16
74F112SJX	Fairchild Semiconductor		SN74F112NSR		S	SOP-EIAJ-II	16
74F112SJX	Fairchild Semiconductor		SN74F112NSRE4		S	SOP-EIAJ-II	16
74F11PC	Fairchild Semiconductor		SN74F11N		S	PDIP	14
74F11SC	Fairchild Semiconductor		SN74F11D		S	SOIC	14
74F11SCX	Fairchild Semiconductor		SN74F11DR		S	SOIC	14
74F11SJ	Fairchild Semiconductor		SN74F11NSR		S	SOP-EIAJ-II	14
74F11SJX	Fairchild Semiconductor		SN74F11NSR		S	SOP-EIAJ-II	14
74F125PC	Fairchild Semiconductor		SN74F125N		S	PDIP	14

74CBTLV3257PG8 — 74F125PC

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74F125SC	Fairchild Semiconductor		SN74F125D		S	SOIC	14
74F125SCX	Fairchild Semiconductor		SN74F125DR		S	SOIC	14
74F125SJ	Fairchild Semiconductor		SN74F125NSR		S	SOP-EIAJ-II	14
74F125SJX	Fairchild Semiconductor		SN74F125NSR		S	SOP-EIAJ-II	14
74F138PC	Fairchild Semiconductor		SN74F138N		S	PDIP	16
74F138SC	Fairchild Semiconductor		SN74F138D		S	SOIC	16
74F138SCX	Fairchild Semiconductor		SN74F138DR		S	SOIC	16
74F138SJ	Fairchild Semiconductor		SN74F138NSR		S	SOP	16
74F138SJX	Fairchild Semiconductor		SN74F138NSR		S	SOP-EIAJ-II	16
74F151APC	Fairchild Semiconductor		SN74F151BN		S	PDIP	16
74F151APC	National Semiconductor (NSC)		SN74F151BN		S	PDIP	16
74F151ASC	Fairchild Semiconductor		SN74F151BD		S	SOIC	16
74F151ASC	National Semiconductor (NSC)		SN74F151BD		S	SOIC	16
74F151ASCX	Fairchild Semiconductor		SN74F151BDR		S	SOIC	16
74F151ASJ	Fairchild Semiconductor		SN74F151BNSR		S	SOP	16
74F151ASJ	National Semiconductor (NSC)		SN74F151BNSR		S	SOP-EIAJ-II	16
74F151ASJX	Fairchild Semiconductor		SN74F151BNSR		S	SOP-EIAJ-II	16
74F153PC	Fairchild Semiconductor		SN74F153N		S	PDIP	16
74F153PC	National Semiconductor (NSC)		SN74F153N		S	PDIP	16
74F153SC	Fairchild Semiconductor		SN74F153D		S	SOIC	16
74F153SC	National Semiconductor (NSC)		SN74F153D		S	SOIC	16
74F153SCX	Fairchild Semiconductor		SN74F153DR		S	SOIC	16
74F153SJ	Fairchild Semiconductor		SN74F153NSR		S	SOP	16
74F153SJ	National Semiconductor (NSC)		SN74F153NSR		S	SOP-EIAJ-II	16
74F153SJX	Fairchild Semiconductor		SN74F153NSR		S	SOP-EIAJ-II	16
74F157APC	Fairchild Semiconductor		SN74F157AN		S	PDIP	16
74F157APC	National Semiconductor (NSC)		SN74F157AN		S	PDIP	16
74F157ASC	Fairchild Semiconductor		SN74F157AD		S	SOIC	16
74F157ASC	National Semiconductor (NSC)		SN74F157AD		S	SOIC	16
74F157ASCX	Fairchild Semiconductor		SN74F157ADR		S	SOIC	16
74F157ASJ	Fairchild Semiconductor		SN74F157ANSR		S	SOP	16
74F157ASJ	National Semiconductor (NSC)		SN74F157ANSR		S	SOP-EIAJ-II	16
74F157ASJX	Fairchild Semiconductor		SN74F157ANSR		S	SOP-EIAJ-II	16
74F161APC	Fairchild Semiconductor		SN74F161AN		S	PDIP	16
74F161APC	National Semiconductor (NSC)		SN74F161AN		S	PDIP	16
74F161ASC	Fairchild Semiconductor		SN74F161AD		S	SOIC	16
74F161ASC	National Semiconductor (NSC)		SN74F161AD		S	SOIC	16
74F161ASC	National Semiconductor (NSC)		SN74F161ADR		S	SOIC	16
74F161ASCX	Fairchild Semiconductor		SN74F161ADR		S	SOIC	16
74F161ASCX	National Semiconductor (NSC)		SN74F161ADR		S	SOIC	16
74F161ASJ	Fairchild Semiconductor		SN74F161ANSR		S	SOP-EIAJ-II	16
74F161ASJX	Fairchild Semiconductor		SN74F161ANSR		S	SOP-EIAJ-II	16
74F161ASJX	National Semiconductor (NSC)		SN74F161ANSR		S	SOP-EIAJ-II	16
74F163APC	Fairchild Semiconductor		SN74F163AN		S	PDIP	16
74F163APC	National Semiconductor (NSC)		SN74F163AN		S	PDIP	16
74F163ASC	Fairchild Semiconductor		SN74F163AD		S	SOIC	16
74F163ASC	National Semiconductor (NSC)		SN74F163AD		S	SOIC	16
74F163ASC	National Semiconductor (NSC)		SN74F163ADR		S	SOIC	16
74F163ASCX	Fairchild Semiconductor		SN74F163ADR		S	SOIC	16
74F163ASCX	National Semiconductor (NSC)		SN74F163ADR		S	SOIC	16
74F163ASJ	Fairchild Semiconductor		SN74F163ANSR		S	SOP-EIAJ-II	16
74F163ASJX	Fairchild Semiconductor		SN74F163ANSR		S	SOP-EIAJ-II	16
74F163ASJX	National Semiconductor (NSC)		SN74F163ANSR		S	SOP-EIAJ-II	16
74F169PC	Fairchild Semiconductor		SN74F169N		S	PDIP	16
74F169SC	Fairchild Semiconductor		SN74F169D		S	SOIC	16
74F169SCX	Fairchild Semiconductor		SN74F169DR		S	SOIC	16
74F174PC	Fairchild Semiconductor		SN74F174AN		S	PDIP	16
74F174SC	Fairchild Semiconductor		SN74F174AD		S	SOIC	16
74F174SC	National Semiconductor (NSC)		SN74F174ADE4		S	SOIC	16
74F174SC	Fairchild Semiconductor		SN74F174ADE4		S	SOIC	16
74F174SCX	Fairchild Semiconductor		SN74F174ADR		S	SOIC	16
74F174SCX	National Semiconductor (NSC)		SN74F174ADRE4		S	SOIC	16
74F174SCX	Fairchild Semiconductor		SN74F174ADRE4		S	SOIC	16
74F174SJ	Fairchild Semiconductor		SN74F174ANSR		S	SOP-EIAJ-II	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74F174SJX	Fairchild Semiconductor		SN74F174ANSR		S	SOP-EIAJ-II	16
74F174SJX	National Semiconductor (NSC)		SN74F174ANSRE4		S	SOP-EIAJ-II	16
74F174SJX	Fairchild Semiconductor		SN74F174ANSRE4		S	SOP-EIAJ-II	16
74F175PC	Fairchild Semiconductor		SN74F175N		S	PDIP	16
74F175SC	Fairchild Semiconductor		SN74F175D		S	SOIC	16
74F175SCX	Fairchild Semiconductor		SN74F175DR		S	SOIC	16
74F175SJ	Fairchild Semiconductor		SN74F175NSR		S	SOP-EIAJ-II	16
74F175SJX	Fairchild Semiconductor		SN74F175NSR		S	SOP-EIAJ-II	16
74F20PC	Fairchild Semiconductor		SN74F20N		S	PDIP	14
74F20SC	Fairchild Semiconductor		SN74F20D		S	SOIC	14
74F20SC	Fairchild Semiconductor		SN74F20DE4		S	SOIC	14
74F20SCX	Fairchild Semiconductor		SN74F20DR		S	SOIC	14
74F20SCX	Fairchild Semiconductor		SN74F20DRE4		S	SOIC	14
74F20SJ	Fairchild Semiconductor		SN74F20NSR		S	SOP-EIAJ-II	14
74F20SJX	Fairchild Semiconductor		SN74F20NSR		S	SOP-EIAJ-II	14
74F20SJX	Fairchild Semiconductor		SN74F20NSRE4		S	SOP-EIAJ-II	14
74F240PC	Fairchild Semiconductor		SN74F240N		S	PDIP	20
74F240SC	Fairchild Semiconductor		SN74F240DW		S	SOIC	20
74F240SCX	Fairchild Semiconductor		SN74F240DWR		S	SOIC	20
74F240SJ	Fairchild Semiconductor		SN74F240NSR		S	SOP-EIAJ-II	20
74F240SJX	Fairchild Semiconductor		SN74F240NSR		S	SOP-EIAJ-II	20
74F241PC	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F241N		S	PDIP	20
74F241SC	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F241DW		S	SOIC	20
74F241SCX	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F241DWR		S	SOIC	20
74F241SJ	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F241NSR		S	SOP-EIAJ-II	20
74F244MSA	Fairchild Semiconductor		SN74F244DBR		S	SSOP	20
74F244MSAX	Fairchild Semiconductor		SN74F244DBR		S	SSOP	20
74F244PC	Fairchild Semiconductor		SN74F244N		S	PDIP	20
74F244SC	Fairchild Semiconductor		SN74F244DW		S	SOIC	20
74F244SCX	Fairchild Semiconductor		SN74F244DWR		S	SOIC	20
74F244SJ	Fairchild Semiconductor		SN74F244NSR		S	SOP-EIAJ-II	20
74F244SJX	Fairchild Semiconductor		SN74F244NSR		S	SOP-EIAJ-II	20
74F245MSA	Fairchild Semiconductor		SN74F245DBR		S	SSOP	20
74F245MSAX	Fairchild Semiconductor		SN74F245DBR		S	SSOP	20
74F245PC	Fairchild Semiconductor		SN74F245N		S	PDIP	20
74F245SC	Fairchild Semiconductor		SN74F245DW		S	SOIC	20
74F245SCX	Fairchild Semiconductor		SN74F245DWR		S	SOIC	20
74F245SJ	Fairchild Semiconductor		SN74F245NSR		S	SOP	20
74F245SJX	Fairchild Semiconductor		SN74F245NSR		S	SOP-EIAJ-II	20
74F251APC	Fairchild Semiconductor		SN74F251BN		S	PDIP	16
74F251ASC	Fairchild Semiconductor		SN74F251BD		S	SOIC	16
74F251ASCX	Fairchild Semiconductor		SN74F251BDR		S	SOIC	16
74F253PC	Fairchild Semiconductor		SN74F253N		S	PDIP	16
74F253SC	Fairchild Semiconductor		SN74F253D		S	SOIC	16
74F253SCX	Fairchild Semiconductor		SN74F253DR		S	SOIC	16
74F253SJ	Fairchild Semiconductor		SN74F253NSR		S	SOP	16
74F253SJX	Fairchild Semiconductor		SN74F253NSR		S	SOP-EIAJ-II	16
74F257APC	Fairchild Semiconductor		SN74F257N		S	PDIP	16
74F257APC	National Semiconductor (NSC)	tpd differs	SN74F257N		S	MDIP	16
74F257ASC	Fairchild Semiconductor		SN74F257D		S	SOIC	16
74F257ASC	National Semiconductor (NSC)	tpd differs	SN74F257D		S	SOIC	16
74F257ASCX	Fairchild Semiconductor		SN74F257DR		S	SOIC	16
74F257ASJ	Fairchild Semiconductor		SN74F257NSR		S	SOP	16
74F257ASJ	National Semiconductor (NSC)	tpd differs	SN74F257NSR		S	SOP-EIAJ-II	16
74F257ASJX	Fairchild Semiconductor		SN74F257NSR		S	SOP-EIAJ-II	16
74F257PC	Fairchild Semiconductor	Discontinued	SN74F257N		S	PDIP	16
74F257SC	Fairchild Semiconductor	Discontinued	SN74F257D		S	SOIC	16
74F257SCX	Fairchild Semiconductor	Discontinued	SN74F257DR		S	SOIC	16
74F257SJ	Fairchild Semiconductor	Discontinued	SN74F257NSR		S	SOP-EIAJ-II	16
74F257SJX	Fairchild Semiconductor	Discontinued	SN74F257NSR		S	SOP-EIAJ-II	16
74F258APC	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F258N		S	PDIP	16
74F258APC	National Semiconductor (NSC)		SN74F258N		S	PDIP	16
74F258ASC	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F258D		S	SOIC	16
74F258ASC	National Semiconductor (NSC)		SN74F258D		S	SOIC	16

74F174SJX — 74F258ASC

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74F258ASCX	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F258DR		S	SOIC	16
74F258ASJ	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F258NSR		S	SOP	16
74F258ASJ	National Semiconductor (NSC)		SN74F258NSR		S	SOP-EIAJ-II	16
74F258ASJX	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F258NSR		S	SOP-EIAJ-II	16
74F27PC	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F27N		S	PDIP	14
74F27SC	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F27D		S	SOIC	14
74F27SCX	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F27DR		S	SOIC	14
74F27SJ	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F27NSR		S	SOP-EIAJ-II	14
74F27SJX	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F27NSR		S	SOP-EIAJ-II	14
74F280PC	Fairchild Semiconductor		SN74F280BN		S	PDIP	14
74F280SC	Fairchild Semiconductor		SN74F280BD		S	SOIC	14
74F280SCX	Fairchild Semiconductor		SN74F280BDR		S	SOIC	14
74F280SJ	Fairchild Semiconductor		SN74F280BNSR		S	PSOP	14
74F280SJX	Fairchild Semiconductor		SN74F280BNSR		S	SOP-EIAJ-II	14
74F283PC	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F283N		S	PDIP	16
74F283SC	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F283D		S	SOIC	16
74F283SCX	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F283DR		S	SOIC	16
74F283SJ	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F283NSR		S	SOP-EIAJ-II	16
74F283SJX	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F283NSR		S	SOP-EIAJ-II	16
74F299PC	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F299N		S	PDIP	20
74F299SC	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F299DW		S	SOIC	20
74F299SCX	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F299DWR		S	SOIC	20
74F299SJ	Fairchild Semiconductor		SN74F299NSR		S	SOP-EIAJ-II	20
74F299SJX	Fairchild Semiconductor		SN74F299NSR		S	SOP-EIAJ-II	20
74F30PC	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F30N		S	PDIP	14
74F30SC	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F30D		S	SOIC	14
74F30SC	Fairchild Semiconductor		SN74F30DE4		S	SOIC	14
74F30SCX	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F30DR		S	SOIC	14
74F30SCX	Fairchild Semiconductor		SN74F30DRE4		S	SOIC	14
74F30SJ	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F30NSR		S	SOP-EIAJ-II	14
74F30SJX	Fairchild Semiconductor	Discontinued PCN 20033403	SN74F30NSR		S	SOP-EIAJ-II	14
74F30SJX	Fairchild Semiconductor		SN74F30NSRE4		S	SOP-EIAJ-II	14
74F32PC	Fairchild Semiconductor		SN74F32N		S	PDIP	14
74F32SC	Fairchild Semiconductor		SN74F32D		S	SOIC	14
74F32SCX	Fairchild Semiconductor		SN74F32DR		S	SOIC	14
74F32SJ	Fairchild Semiconductor		SN74F32NSR		S	SOP-EIAJ-II	14
74F32SJX	Fairchild Semiconductor		SN74F32NSR		S	SOP-EIAJ-II	14
74F373SC	Fairchild Semiconductor		SN74F373DW		S	SOIC	20
74F374MSA	Fairchild Semiconductor		SN74F374DBR		S	SSOP	20
74F374MSAX	Fairchild Semiconductor		SN74F374DBR		S	SSOP	20
74F374PC	Fairchild Semiconductor		SN74F374N		S	PDIP	20
74F374SC	Fairchild Semiconductor		SN74F374DW		S	SOIC	20
74F374SC	Fairchild Semiconductor		SN74F574DWE4		S	SOIC	20
74F374SCX	Fairchild Semiconductor		SN74F374DWR		S	SOIC	20
74F374SCX	Fairchild Semiconductor		SN74F574DWRE4		S	SOIC	20
74F374SJ	Fairchild Semiconductor		SN74F374NSR		S	SOP-EIAJ-II	20
74F374SJX	Fairchild Semiconductor		SN74F374NSR		S	SOP-EIAJ-II	20
74F374SJX	Fairchild Semiconductor		SN74F374NSRE4		S	SOP-EIAJ-II	20
74F374SJX	Fairchild Semiconductor		SN74F574NSRE4		S	SOP-EIAJ-II	20
74F377PC	Fairchild Semiconductor		SN74F377AN		S	PDIP	20
74F377SC	Fairchild Semiconductor		SN74F377ADW		S	SOIC	20
74F377SCX	Fairchild Semiconductor		SN74F377ADWR		S	SOIC	20
74F377SJX	Fairchild Semiconductor		SN74F374NSRE4		S	SOP-EIAJ-II	20
74F38PC	Fairchild Semiconductor		SN74F38N		S	PDIP	14
74F38SC	Fairchild Semiconductor		SN74F38D		S	SOIC	14
74F38SC	National Semiconductor (NSC)		SN74F38DG4		S	SOIC	14
74F38SC	Fairchild Semiconductor		SN74F38DG4		S	SOIC	14
74F38SCX	Fairchild Semiconductor		SN74F38DR		S	SOIC	14
74F38SJ	Fairchild Semiconductor		SN74F38NSR		S	SOP-EIAJ-II	14
74F38SJX	Fairchild Semiconductor		SN74F38NSR		S	SOP-EIAJ-II	14
74F521PC	Fairchild Semiconductor		SN74F521N		S	PDIP	20
74F521SC	Fairchild Semiconductor		SN74F521DW		S	SOIC	20
74F521SCX	Fairchild Semiconductor		SN74F521DWR		S	SOIC	20
74F521SJ	Fairchild Semiconductor		SN74F521NSR		S	SOP	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74F521SJX	Fairchild Semiconductor		SN74F521NSR		S	SOP-EIAJ-II	20
74F541PC	Fairchild Semiconductor		SN74F541N		S	PDIP	20
74F541SC	Fairchild Semiconductor		SN74F541DW		S	SOIC	20
74F541SCX	Fairchild Semiconductor		SN74F541DWR		S	SOIC	20
74F541SJ	Fairchild Semiconductor		SN74F541NSR		S	SOP-EIAJ-II	20
74F541SJX	Fairchild Semiconductor		SN74F541NSR		S	SOP-EIAJ-II	20
74F543MSA	Fairchild Semiconductor		SN74F543DBR		S	SSOP	24
74F543MSAX	Fairchild Semiconductor		SN74F543DBR		S	SSOP	24
74F543PC	Fairchild Semiconductor		SN74F543NT		S	PDIP	24
74F543SC	Fairchild Semiconductor		SN74F543DW		S	SOIC	24
74F543SCX	Fairchild Semiconductor		SN74F543DWR		S	SOIC	24
74F543SPC	Fairchild Semiconductor		SN74F543NT		S	PDIP	24
74F573PC	Fairchild Semiconductor		SN74F573N		S	PDIP	20
74F573SC	Fairchild Semiconductor		SN74F573DW		S	SOIC	20
74F573SCX	Fairchild Semiconductor		SN74F573DWR		S	SOIC	20
74F574PC	Fairchild Semiconductor		SN74F574N		S	PDIP	20
74F574SC	Fairchild Semiconductor		SN74F574DW		S	SOIC	20
74F574SC	National Semiconductor (NSC)		SN74F574DWE4		S	SOIC	20
74F574SC	Fairchild Semiconductor		SN74F574DWE4		S	SOIC	20
74F574SCX	Fairchild Semiconductor		SN74F574DWR		S	SOIC	20
74F574SCX	National Semiconductor (NSC)		SN74F574DWRE4		S	SOIC	20
74F574SCX	Fairchild Semiconductor		SN74F574DWRE4		S	SOIC	20
74F574SJ	Fairchild Semiconductor		SN74F574NSR		S	SOP-EIAJ-II	20
74F574SJ	National Semiconductor (NSC)		SN74F574NSR		S	SOP-EIAJ-II	20
74F574SJX	Fairchild Semiconductor		SN74F374NSRE4		S	SOP-EIAJ-II	20
74F574SJX	National Semiconductor (NSC)		SN74F574DWRE4		S	SOIC	20
74F574SJX	Fairchild Semiconductor		SN74F574NSR		S	SOP-EIAJ-II	20
74F574SJX	Fairchild Semiconductor		SN74F574NSRE4		S	SOP-EIAJ-II	20
74F657SC	Fairchild Semiconductor		SN74F657DW		S	SOIC	24
74F657SCX	Fairchild Semiconductor		SN74F657DWR		S	SOIC	24
74F657SPC	Fairchild Semiconductor		SN74F657NT		S	PDIP	24
74F74PC	Fairchild Semiconductor		SN74F74N		S	PDIP	14
74F74SC	Fairchild Semiconductor		SN74F74D		S	SOIC	14
74F74SCX	Fairchild Semiconductor		SN74F74DR		S	SOIC	14
74F74SJ	Fairchild Semiconductor		SN74F74NSR		S	SOP-EIAJ-II	14
74F74SJX	Fairchild Semiconductor		SN74F74NSR		S	SOP-EIAJ-II	14
74F74SJX	Fairchild Semiconductor		SN74F74NSRE4		S	SOP-EIAJ-II	14
74F86PC	Fairchild Semiconductor		SN74F86N		S	PDIP	14
74F86SC	Fairchild Semiconductor		SN74F86D		S	SOIC	14
74F86SCX	Fairchild Semiconductor		SN74F86DR		S	SOIC	14
74F86SJ	Fairchild Semiconductor		SN74F86NSR		S	SOP-EIAJ-II	14
74F86SJX	Fairchild Semiconductor		SN74F86NSR		S	SOP-EIAJ-II	14
74FCT162240ATPA	Integrated Device Technology (IDT)		74FCT162240ATPACT		S	TSSOP	48
74FCT162240ATPA8	Integrated Device Technology (IDT)		74FCT162240ATPACT		S	TSSOP	48
74FCT162240ATPV	Integrated Device Technology (IDT)		CY74FCT162240CTPVC	Substitute C speed, faster	S	SSOP	48
74FCT162240ATPV8	Integrated Device Technology (IDT)		74FCT162240CTPVCT	Substitute C speed, faster	S	SSOP	48
74FCT162240ATPVG	Integrated Device Technology (IDT)	Green	CY74FCT162240CTPVC	Substitute C speed, faster	S	SSOP	48
74FCT162240ATPVG8	Integrated Device Technology (IDT)	Green	74FCT162240CTPVCT	Substitute C speed, faster	S	SSOP	48
74FCT162240CTPA	Integrated Device Technology (IDT)		74FCT162240CTPACT		S	TSSOP	48
74FCT162240CTPA8	Integrated Device Technology (IDT)		74FCT162240CTPACT		S	TSSOP	48
74FCT162240CTPV	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	CY74FCT162240CTPVC		S	SSOP	48
74FCT162240CTPV8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	74FCT162240CTPVCT		S	SSOP	48
74FCT162240CTPVG	Integrated Device Technology (IDT)	Green	CY74FCT162240CTPVC		S	SSOP	48
74FCT162240CTPVG8	Integrated Device Technology (IDT)	Green	74FCT162240CTPVCT		S	SSOP	48
74FCT16374ATPA	Integrated Device Technology (IDT)		CY74FCT16374ATPACT		S	TSSOP	48
74FCT16374ATPA8	Integrated Device Technology (IDT)		CY74FCT16374ATPACT		S	TSSOP	48
74FCT2240ATQ	Integrated Device Technology (IDT)		CY74FCT2240ATQCT		S	SSOP/QSOP	20
74FCT2240ATQ8	Integrated Device Technology (IDT)		CY74FCT2240ATQCT		S	SSOP/QSOP	20
74FCT2240ATSO	Integrated Device Technology (IDT)		CY74FCT2240CTSOC	Substitute C speed, faster	S	SOIC	20
74FCT2240ATSO8	Integrated Device Technology (IDT)		CY74FCT2240CTSOC	Substitute C speed, faster	S	SOIC	20
74FCT2240CTQ	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	CY74FCT2240CTQCT		S	SSOP/QSOP	20
74FCT2240CTQ8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	CY74FCT2240CTQCT		S	SSOP/QSOP	20
74FCT2240CTS0	Integrated Device Technology (IDT)		CY74FCT2240CTSOC		S	SOIC	20
74FCT2240CTS08	Integrated Device Technology (IDT)		CY74FCT2240CTS0CT		S	SOIC	20

74F521SJX — 74FCT2240CTS08

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74FCT2240TQ	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-07, 5/22/2000	CY74FCT2240ATQCT	Substitute A speed,	S	SSOP/QSOP	20
74FCT2240TQ8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-07, 5/22/2000	CY74FCT2240ATQCT	Substitute A speed, faster	S	SSOP/QSOP	20
74FCT2240TSO	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-07, 05/22/2000	CY74FCT2240TSOC		S	SOIC	20
74FCT2240TSO8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-07, 05/22/2000	CY74FCT2240TSOCT		S	SOIC	20
74FCT2244ATQ	Integrated Device Technology (IDT)		CY74FCT2244ATQCT		S	SSOP/QSOP	20
74FCT2244ATQ8	Integrated Device Technology (IDT)		CY74FCT2244ATQCT		S	SSOP/QSOP	20
74FCT2244ATQG	Integrated Device Technology (IDT)	Pb-Free	CY74FCT2244ATQCT		S	SSOP/QSOP	20
74FCT2244ATQG8	Integrated Device Technology (IDT)	Pb-Free	CY74FCT2244ATQCT		S	SSOP/QSOP	20
74FCT2244ATSO	Integrated Device Technology (IDT)		CY74FCT2244ATSOCT		S	SOIC	20
74FCT2244ATSO8	Integrated Device Technology (IDT)		CY74FCT2244ATSOCT		S	SOIC	20
74FCT2244ATSO8G	Integrated Device Technology (IDT)	Pb-Free	CY74FCT2244ATSOCT		S	SOIC	20
74FCT2244ATSO8G8	Integrated Device Technology (IDT)	Pb-Free	CY74FCT2244ATSOCT		S	SOIC	20
74FCT2244CTQ	Integrated Device Technology (IDT)		CY74FCT2244CTQCT		S	SSOP/QSOP	20
74FCT2244CTQ8	Integrated Device Technology (IDT)		CY74FCT2244CTQCT		S	SSOP/QSOP	20
74FCT2244CTQG	Integrated Device Technology (IDT)	Pb-Free	CY74FCT2244CTQCT		S	SSOP/QSOP	20
74FCT2244CTQG8	Integrated Device Technology (IDT)	Pb-Free	CY74FCT2244CTQCT		S	SSOP/QSOP	20
74FCT2244CTSO	Integrated Device Technology (IDT)		CY74FCT2244CTSOCT		S	SOIC	20
74FCT2244CTSO8	Integrated Device Technology (IDT)		CY74FCT2244CTSOCT		S	SOIC	20
74FCT2244CTSO8G	Integrated Device Technology (IDT)	Pb-Free	CY74FCT2244CTSOCT		S	SOIC	20
74FCT2244CTSO8G8	Integrated Device Technology (IDT)	Pb-Free	CY74FCT2244CTSOCT		S	SOIC	20
74FCT2245ATSO	Integrated Device Technology (IDT)		CY74FCT2245ATSOCT		S	SOIC	20
74FCT2541ATQ	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 5/2/2005	CY74FCT2541ATQCT		S	SSOP/QSOP	20
74FCT2541ATQ8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 5/2/2005	CY74FCT2541ATQCT		S	SSOP/QSOP	20
74FCT2541ATSO	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 5/2/2005	CY74FCT2541ATSOCT		S	SOIC	20
74FCT2541ATSO8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 5/2/2005	CY74FCT2541ATSOCT		S	SOIC	20
74FCT2541CTQ	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 5/2/2005	CY74FCT2541CTQCT		S	SSOP/QSOP	20
74FCT2541CTQ8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 5/2/2005	CY74FCT2541CTQCT		S	SSOP/QSOP	20
74FCT2541CTSO	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 5/2/2005	CY74FCT2541CTSOCT		S	SOIC	20
74FCT2541CTSO8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 5/2/2005	CY74FCT2541CTSOCT		S	SOIC	20
74FCT2541TQ	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-07, 5/22/2000	CY74FCT2541TQCT		S	SSOP/QSOP	20
74FCT2541TQ8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-07, 5/22/2000	CY74FCT2541TQCT		S	SSOP/QSOP	20
74FCT2541TSO	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-07, 5/22/2000	CY74FCT2541TSOCT		S	SOIC	20
74FCT2541TSO8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-07, 5/22/2000	CY74FCT2541TSOCT		S	SOIC	20
74FCT2574TQ	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-07, 5/22/2000	CY74FCT2574TQCT	Substitute A speed,	S	SSOP/QSOP	20
74FCT2574TQ8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-07, 5/22/2000	CY74FCT2574TQCT	Substitute A speed, faster	S	SSOP/QSOP	20
74FCT2574TSO	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-07, 05/22/2000	CY74FCT2574TSOCT		S	SOIC	20
74FCT2574TSO8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-07, 05/22/2000	CY74FCT2574TSOCT		S	SOIC	20
74FCT273ATQ	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	CY74FCT273ATQCT		S	SSOP/QSOP	20
74FCT273ATQ8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	CY74FCT273ATQCT		S	SSOP/QSOP	20
74FCT273CTSO	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	CY74FCT273CTSOCT		S	SOIC	20
74FCT273CTSO8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	CY74FCT273CTSOCT		S	SOIC	20
74FCT273CTSO8G	Integrated Device Technology (IDT)	Green, Discontinued PDN L-05-04, 05/02/2005	CY74FCT273CTSOCT		S	SOIC	20
74FCT574CTQ	Integrated Device Technology (IDT)		CY74FCT574CTQCT		S	QSOP	20
74FCT574CTQ8	Integrated Device Technology (IDT)		CY74FCT574CTQCT		S	QSOP	20
74FCT574CTSO	Integrated Device Technology (IDT)		CY74FCT574CTSOCT		S	SOIC	20
74FCT574CTSO8	Integrated Device Technology (IDT)		CY74FCT574CTSOCT		S	SOIC	20
74FST163209PA	Integrated Device Technology (IDT)		SN74CBT16209ADGGR		S	TSSOP	48
74FST163209PA8	Integrated Device Technology (IDT)		SN74CBT16209ADGGR		S	TSSOP	48
74FST163209PV	Integrated Device Technology (IDT)		SN74CBT16209ADL		S	SSOP	48
74FST163209PV8	Integrated Device Technology (IDT)		SN74CBT16209ADL		S	SSOP	48
74FST163210PA	Integrated Device Technology (IDT)	Discontinued PDN L-02-04R1, 05/09/2003	SN74CBT16210DGGR		S	TSSOP	48
74FST163210PA8	Integrated Device Technology (IDT)	Discontinued PDN L-02-04R1, 05/09/2003	SN74CBT16210DGGR		S	TSSOP	48
74FST163210PF	Integrated Device Technology (IDT)	Discontinued PDN Logic-01-01, 01/29/2001	SN74CBT16210DGVR		S	TVSOP	48
74FST163210PF8	Integrated Device Technology (IDT)	Discontinued PDN Logic-01-01, 01/29/2001	SN74CBT16210DGVR		S	TVSOP	48
74FST163210PV	Integrated Device Technology (IDT)	Discontinued PDN L-02-04R1, 05/09/2003	SN74CBT16210DL		S	SSOP	48
74FST163210PV8	Integrated Device Technology (IDT)	Discontinued PDN L-02-04R1, 05/09/2003	SN74CBT16210DLR		S	SSOP	48
74FST163211PA	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CBT16211ADGGR		S	TSSOP	56
74FST163211PA8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CBT16211ADGGR		S	TSSOP	56
74FST163211PAG	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CBT16211ADGGR		S	TSSOP	56
74FST163211PAG8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005, Pb-Free	SN74CBT16211ADGGR		S	TSSOP	56
74FST163211PV	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74CBT16211ADL		S	SSOP	56
74FST163211PV8	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74CBT16211ADLR		S	SSOP	56

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74FST163212PA	Integrated Device Technology (IDT)		SN74CBT16212ADGGR		S	TSSOP	56
74FST163214PA	Integrated Device Technology (IDT)	Discontinued PDN L-04-08, 10/25/2004	SN74CBT16214CDGGR		S	TSSOP	56
74FST163214PA8	Integrated Device Technology (IDT)	Discontinued PDN L-04-08, 10/25/2004	SN74CBT16214CDGGR		S	TSSOP	56
74FST163214PV	Integrated Device Technology (IDT)	Discontinued PDN L-04-08, 10/25/2004	SN74CBT16214CDL		S	SSOP	56
74FST163214PV8	Integrated Device Technology (IDT)	Discontinued PDN L-04-08, 10/25/2004	SN74CBT16214CDLR		S	SSOP	56
74FST163232PA	Integrated Device Technology (IDT)		SN74CBT16232DGGR		S	TSSOP	56
74FST163232PA8	Integrated Device Technology (IDT)		SN74CBT16232DGGR		S	TSSOP	56
74FST163232PV	Integrated Device Technology (IDT)		SN74CBT16232DL		S	SSOP	56
74FST163232PV8	Integrated Device Technology (IDT)		SN74CBT16232DLR		S	SSOP	56
74FST163233PA	Integrated Device Technology (IDT)		SN74CBT16233DGGR		S	TSSOP	56
74FST163233PV	Integrated Device Technology (IDT)		SN74CBT16233DL		S	SSOP	56
74FST163244PA	Integrated Device Technology (IDT)		SN74CBT16244DGGR		S	TSSOP	48
74FST163244PA8	Integrated Device Technology (IDT)		SN74CBT16244DGGR		S	TSSOP	48
74FST163244PF	Integrated Device Technology (IDT)		SN74CBT16244DGVR		S	TVSOP	48
74FST163244PF8	Integrated Device Technology (IDT)		SN74CBT16244DGVR		S	TVSOP	48
74FST163244PV	Integrated Device Technology (IDT)		SN74CBT16244DL		S	SSOP	48
74FST163244PV8	Integrated Device Technology (IDT)		SN74CBT16244DLR		S	SSOP	48
74FST163245PA	Integrated Device Technology (IDT)		SN74CBT16245DGGR		S	TSSOP	48
74FST163245PF	Integrated Device Technology (IDT)		SN74CBT16245DGVR		S	TVSOP	48
74FST163245PV	Integrated Device Technology (IDT)		SN74CBT16245DL		S	SSOP	48
74FST1632861PA	Integrated Device Technology (IDT)		SN74CBTR16861DGGR		S	TSSOP	48
74FST1632861PA8	Integrated Device Technology (IDT)		SN74CBTR16861DGGR		S	TSSOP	48
74FST1632861PAG	Integrated Device Technology (IDT)	Pb-Free	SN74CBTR16861DGGR		S	TSSOP	48
74FST1632861PAG8	Integrated Device Technology (IDT)	Pb-Free	SN74CBTR16861DGGR		S	TSSOP	48
74FST163861PA	Integrated Device Technology (IDT)	Discontinued PDN L-02-02, 07/29/2002	SN74CBT16861DGGR		S	TSSOP	48
74FST163861PA8	Integrated Device Technology (IDT)	Discontinued PDN L-02-02, 07/29/2002	SN74CBT16861DGGR		S	TSSOP	48
74FST163861PV	Integrated Device Technology (IDT)	Discontinued PDN L-02-02, 07/29/2002	SN74CBT16861DL		S	SSOP	48
74FST163861PV8	Integrated Device Technology (IDT)	Discontinued PDN L-02-02, 07/29/2002	SN74CBT16861DLR		S	SSOP	48
74FST3125PG	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3125PW		S	TSSOP	14
74FST3125PG8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3125PWR		S	TSSOP	14
74FST3125Q	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3125DBQR		S	SSOP/QSOP	16
74FST3125Q8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3125DBQR		S	SSOP/QSOP	16
74FST3125SO	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3125D		S	SOIC	14
74FST3125SO8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3125DR		S	SOIC	14
74FST3126PG	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3126PW		S	TSSOP	14
74FST3126PG8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3126PWR		S	TSSOP	14
74FST3126Q	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3126BQR		S	SSOP/QSOP	16
74FST3126Q8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3126DBQR		S	SSOP/QSOP	16
74FST3126SO	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3126D		S	SOIC	14
74FST3126SO8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3126DR		S	SOIC	14
74FST3244PG	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3244PW		S	TSSOP	20
74FST3244PG8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3244PWR		S	TSSOP	20
74FST3244PY	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3244DBR		S	SSOP	20
74FST3244PY8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3244DBR		S	SSOP	20
74FST3244Q	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3244DBQR		S	SSOP/QSOP	20
74FST3244Q8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3244DBQR		S	SSOP/QSOP	20
74FST3244SO	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3244DW		S	SOIC	20
74FST3244SO8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3244DW		S	SOIC	20
74FST3245PG	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3245APW		S	TSSOP	20
74FST3245PG8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3245APWR		S	TSSOP	20
74FST3245Q	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3245ADBQR		S	SSOP/QSOP	20
74FST3245Q8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3245ADBQR		S	SSOP/QSOP	20
74FST3245SO	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3245ADW		S	SOIC	20
74FST3245SO8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3245ADWR		S	SOIC	20
74FST3251D	On Semiconductor		SN74CBT3251D		S	SOIC	16
74FST3251DG	On Semiconductor	Pb-Free	SN74CBT3251D		S	SOIC	16
74FST3251DR2	On Semiconductor		SN74CBT3251DR		S	SOIC	16
74FST3251DR2G	On Semiconductor	Pb-Free	SN74CBT3251DR		S	SOIC	16
74FST3251DT	On Semiconductor		SN74CBT3251PW		S	TSSOP	16
74FST3251DTG	On Semiconductor	Pb-Free	SN74CBT3251PW		S	TSSOP	16
74FST3251DTR2	On Semiconductor		SN74CBT3251PWR		S	TSSOP	16
74FST3251DTR2G	On Semiconductor	Pb-Free	SN74CBT3251PWR		S	TSSOP	16
74FST3251QS	On Semiconductor	tpd differs	SN74CBT3251DBQR		S	QSOP	16
74FST3251QSG	On Semiconductor	tpd differs	SN74CBT3251DBQR		S	QSOP	16

74FST163212PA — 74FST3251QSG

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74FST3251QSR	On Semiconductor		SN74CBT3251DBQR		S	SSOP/QSOP	16
74FST3251QSRG	On Semiconductor	Pb-Free	SN74CBT3251DBQR		S	SSOP/QSOP	16
74FST3253PG	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3253CPW		S	TSSOP	16
74FST3253PG8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3253CPWR		S	TSSOP	16
74FST3253Q	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3253CDBQR		S	SSOP/QSOP	16
74FST3253Q8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3253CDBQR		S	SSOP/QSOP	16
74FST3257D	On Semiconductor		SN74CBT3257CD		S	SOIC	16
74FST3257DG	On Semiconductor	Pb-Free	SN74CBT3257CD		S	SOIC	16
74FST3257DR2	On Semiconductor		SN74CBT3257CDR		S	SOIC	16
74FST3257DR2G	On Semiconductor	Pb-Free	SN74CBT3257CDR		S	SOIC	16
74FST3257DT	On Semiconductor		SN74CBT3257CPW		S	TSSOP	16
74FST3257DTG	On Semiconductor	Pb-Free	SN74CBT3257CPW		S	TSSOP	16
74FST3257DTR2	On Semiconductor		SN74CBT3257CPWR		S	TSSOP	16
74FST3257DTR2G	On Semiconductor	Pb-Free	SN74CBT3257CPWR		S	TSSOP	16
74FST3257Q	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3257CDBQR		S	SSOP/QSOP	16
74FST3257Q8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3257CDBQR		S	SSOP/QSOP	16
74FST3257QS	On Semiconductor		SN74CBT3257CDBQR		S	SSOP/QSOP	16
74FST3257QSG	On Semiconductor	Pb-Free	SN74CBT3257CDBQR		S	SSOP/QSOP	16
74FST3257QSR	On Semiconductor		SN74CBT3257CDBQR		S	SSOP/QSOP	16
74FST3257QSRG	On Semiconductor	Pb-Free	SN74CBT3257CDBQR		S	SSOP/QSOP	16
74FST3257SO	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3257CD		S	SOIC	16
74FST3257SO8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3257CDR		S	SOIC	16
74FST3383Q	Integrated Device Technology (IDT)	Discontinued, use QS product	SN74CBT3383DBQR		S	SSOP/QSOP	24
74FST3383Q8	Integrated Device Technology (IDT)	Discontinued, use QS product	SN74CBT3383DBQR		S	SSOP/QSOP	24
74FST3384PG	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3384APW		S	TSSOP	24
74FST3384PG8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3384APWR		S	TSSOP	24
74FST3384Q	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3384ADBQR		S	SSOP/QSOP	24
74FST3384Q8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3384ADBQR		S	SSOP/QSOP	24
74FST3384SO	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3384ADW		S	SOIC	24
74FST3384SO8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3384ADWR		S	SOIC	24
74FST3861PG	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3861PWR		S	TSSOP	24
74FST3861PG8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3861PWR		S	TSSOP	24
74FST3861Q	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3861DBQR		S	SSOP/QSOP	24
74FST3861Q8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3861DBQR		S	SSOP/QSOP	24
74FST3861SO	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3861DWR		S	SOIC	24
74FST3861SO8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3861DWR		S	SOIC	24
74FST6800PG	Integrated Device Technology (IDT)		SN74CBT6800APWR		S	TSSOP	24
74FST6800PG8	Integrated Device Technology (IDT)		SN74CBT6800APWR		S	TSSOP	24
74FST6800Q	Integrated Device Technology (IDT)		SN74CBT6800ADBQR		S	SSOP/QSOP	24
74FST6800Q8	Integrated Device Technology (IDT)		SN74CBT6800ADBQR		S	SSOP/QSOP	24
74FST6800SO	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74CBT6800ADW		S	SOIC	24
74FST6800SO8	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74CBT6800ADWR		S	SOIC	24
74GTL1655TTR	ST Microelectronics (STM)	Bus hold on both A and B ports	SN74GTLPH1655DGGRR	Bus-hold on A port only	S	TSSOP	64
74GTL16612PA	Integrated Device Technology (IDT)		SN74GTLPH16612GR		S	TSSOP	56
74GTL16612PV	Integrated Device Technology (IDT)		SN74GTLPH16612DL		S	SSOP	56
74HC00D	NXP Semiconductor		CD74HC00M		S	SOIC	14
74HC00D-T	NXP Semiconductor		CD74HC00M96		S	SOIC	14
74HC00N	NXP Semiconductor		CD74HC00E		S	PDIP	14
74HC00PW	NXP Semiconductor		SN74HC00PW		S	TSSOP	14
74HC00PW-T	NXP Semiconductor		SN74HC00PWR		S	TSSOP	14
74HC02D	NXP Semiconductor		CD74HC02M		S	SOIC	14
74HC02D	NXP Semiconductor		CD74HC02ME4		S	SOIC	14
74HC02D	NXP Semiconductor		SN74HC02DE4		S	SOIC	14
74HC02DB	NXP Semiconductor		SN74HC02DBR		S	SSOP	14
74HC02DB-T	NXP Semiconductor		SN74HC02DBR		S	SSOP	14
74HC02DB-T	NXP Semiconductor		SN74HC02DBRE4		S	SSOP	14
74HC02D-T	NXP Semiconductor		CD74HC02M96		S	SOIC	14
74HC02D-T	NXP Semiconductor		CD74HC02M96E4		S	SOIC	14
74HC02D-T	NXP Semiconductor		CD74HC02MT		S	SOIC	14
74HC02D-T	NXP Semiconductor		CD74HC02MTE4		S	SOIC	14
74HC02D-T	NXP Semiconductor		SN74HC02DR		S	SOIC	14
74HC02D-T	NXP Semiconductor		SN74HC02DRE4		S	SOIC	14
74HC02D-T	NXP Semiconductor		SN74HC02DRG4		S	SOIC	14
74HC02D-T	NXP Semiconductor		SN74HC02DTE4		S	SOIC	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74HC02N	NXP Semiconductor		CD74HC02E		S	PDIP	14
74HC02N	NXP Semiconductor		SN74HC02NE4		S	PDIP	14
74HC02PW	NXP Semiconductor		SN74HC02PW		S	TSSOP	14
74HC02PW	NXP Semiconductor		SN74HC02PWG4		S	TSSOP	14
74HC02PW-T	NXP Semiconductor		SN74HC02PWR		S	TSSOP	14
74HC02PW-T	NXP Semiconductor		SN74HC02PWRG4		S	TSSOP	14
74HC02PW-T	NXP Semiconductor		SN74HC02PWT		S	TSSOP	14
74HC02PW-T	NXP Semiconductor		SN74HC02PWTE4		S	TSSOP	14
74HC03D	NXP Semiconductor		CD74HC03M		S	SOIC	14
74HC03D-T	NXP Semiconductor		CD74HC03M96		S	SOIC	14
74HC03N	NXP Semiconductor		CD74HC03E		S	PDIP	14
74HC03PW	NXP Semiconductor	tpd differs	SN74HC03PW		S	TSSOP	14
74HC03PW-T	NXP Semiconductor	tpd differs	SN74HC03PWR		S	TSSOP	14
74HC04D	NXP Semiconductor		CD74HC04M		S	SOIC	14
74HC04DB-T	NXP Semiconductor		SN74HC04DBR		S	SSOP	14
74HC04D-T	NXP Semiconductor		CD74HC04M96		S	SOIC	14
74HC04N	NXP Semiconductor		CD74HC04E		S	PDIP	14
74HC04PW	NXP Semiconductor		SN74HC04PW		S	TSSOP	14
74HC04PW-T	NXP Semiconductor		SN74HC04PWR		S	TSSOP	14
74HC08D	NXP Semiconductor		CD74HC08M		S	SOIC	14
74HC08D-T	NXP Semiconductor		CD74HC08M96		S	SOIC	14
74HC08N	NXP Semiconductor		CD74HC08E		S	PDIP	14
74HC08PW	NXP Semiconductor		CD74HC08PW		S	TSSOP	14
74HC08PW-T	NXP Semiconductor		CD74HC08PWR		S	TSSOP	14
74HC107D	NXP Semiconductor		CD74HC107M		S	SOIC	14
74HC107D	NXP Semiconductor	tpd differs	CD74HC73ME4		S	SOIC	14
74HC107D-T	NXP Semiconductor		CD74HC107M96		S	SOIC	14
74HC107D-T	NXP Semiconductor	tpd differs	CD74HC107M96		S	SOIC	14
74HC107D-T	NXP Semiconductor	tpd differs	CD74HC107M96E4		S	SOIC	14
74HC107D-T	NXP Semiconductor	tpd differs	CD74HC107MTE4		S	SOIC	14
74HC107D-T	NXP Semiconductor	tpd differs	CD74HC73MT		S	SOIC	14
74HC107D-T	NXP Semiconductor	tpd differs	CD74HC73MTE4		S	SOIC	14
74HC107N	NXP Semiconductor		CD74HC107E		S	PDIP	14
74HC109D	NXP Semiconductor		CD74HC109M		S	SOIC	16
74HC109D	NXP Semiconductor	tpd differs	CD74HC109ME4		S	SOIC	16
74HC109D	NXP Semiconductor	tpd differs	SN74HC109D		S	SOIC	16
74HC109D-T	NXP Semiconductor		CD74HC109M96		S	SOIC	16
74HC109D-T	NXP Semiconductor	tpd differs	CD74HC109M96E4		S	SOIC	16
74HC109D-T	NXP Semiconductor	tpd differs	CD74HC109MT		S	SOIC	16
74HC109D-T	NXP Semiconductor	tpd differs	CD74HC109MTE4		S	SOIC	16
74HC109D-T	NXP Semiconductor	tpd differs	SN74HC109DR		S	SOIC	16
74HC109D-T	NXP Semiconductor	tpd differs	SN74HC109DT		S	SOIC	16
74HC109N	NXP Semiconductor		CD74HC109E		S	PDIP	16
74HC109N	NXP Semiconductor	tpd differs	SN74HC109N		S	PDIP	16
74HC10D	NXP Semiconductor		CD74HC10M		S	SOIC	14
74HC10DB	NXP Semiconductor		SN74HC10DBR		S	SSOP	14
74HC10DB-T	NXP Semiconductor		SN74HC10DBR		S	SSOP	14
74HC10D-T	NXP Semiconductor		CD74HC10M96		S	SOIC	14
74HC10N	NXP Semiconductor		CD74HC10E		S	PDIP	14
74HC10PW	NXP Semiconductor		SN74HC10PW		S	TSSOP	14
74HC10PW-T	NXP Semiconductor		SN74HC10PWR		S	TSSOP	14
74HC112D	NXP Semiconductor		CD74HC112M96		S	SOIC	16
74HC112D	NXP Semiconductor	tpd differs	SN74HC112DE4		S	SOIC	16
74HC112D-T	NXP Semiconductor		CD74HC112M96		S	SOIC	16
74HC112D-T	NXP Semiconductor	tpd differs	CD74HC112M96E4		S	SOIC	16
74HC112D-T	NXP Semiconductor	tpd differs	CD74HC112MT		S	SOIC	16
74HC112D-T	NXP Semiconductor	tpd differs	CD74HC112MTE4		S	SOIC	16
74HC112D-T	NXP Semiconductor	tpd differs	SN74HC112DR		S	SOIC	16
74HC112D-T	NXP Semiconductor	tpd differs	SN74HC112DRE4		S	SOIC	16
74HC112D-T	NXP Semiconductor	tpd differs	SN74HC112DT		S	SOIC	16
74HC112D-T	NXP Semiconductor	tpd differs	SN74HC112DTE4		S	SOIC	16
74HC112N	NXP Semiconductor		CD74HC112E		S	PDIP	16
74HC112N	NXP Semiconductor	tpd differs	SN74HC112N		S	PDIP	16
74HC112N	NXP Semiconductor	tpd differs	SN74HC112NE4		S	PDIP	16

74HC02N — 74HC112N

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74HC112PW	NXP Semiconductor		CD74HC112PW		S	TSSOP	16
74HC112PW-T	NXP Semiconductor		CD74HC112PWR		S	TSSOP	16
74HC11D	NXP Semiconductor		CD74HC11M		S	SOIC	14
74HC11D	NXP Semiconductor		SN74HC11D		S	SOIC	14
74HC11DB	NXP Semiconductor		SN74HC11DBR		S	SSOP	14
74HC11DB-T	NXP Semiconductor		SN74HC11DBR		S	SSOP	14
74HC11D-T	NXP Semiconductor		CD74HC11M96		S	SOIC	14
74HC11D-T	NXP Semiconductor		SN74HC11DR		S	SOIC	14
74HC11D-T	NXP Semiconductor		SN74HC11DT		S	SOIC	14
74HC11N	NXP Semiconductor		CD74HC11E		S	PDIP	14
74HC11N	NXP Semiconductor		SN74HC11N		S	PDIP	14
74HC11PW	NXP Semiconductor		SN74HC11PW		S	TSSOP	14
74HC11PW-T	NXP Semiconductor		SN74HC11PWR		S	TSSOP	14
74HC11PW-T	NXP Semiconductor		SN74HC11PWT		S	TSSOP	14
74HC123D	NXP Semiconductor		CD74HC123M		S	SOIC	16
74HC123D-T	NXP Semiconductor		CD74HC123M96		S	SOIC	16
74HC123N	NXP Semiconductor		CD74HC123E		S	PDIP	16
74HC123PW	NXP Semiconductor		CD74HC123PW		S	TSSOP	16
74HC123PW-T	NXP Semiconductor		CD74HC123PWR		S	TSSOP	16
74HC125D	NXP Semiconductor		CD74HC125M		S	SOIC	14
74HC125DB	NXP Semiconductor	tpd differs	SN74HC125DBR		S	SSOP	14
74HC125DB-T	NXP Semiconductor	tpd differs	SN74HC125DBR		S	SSOP	14
74HC125D-T	NXP Semiconductor		CD74HC125M96		S	SOIC	14
74HC125D-T	NXP Semiconductor		CD74HC125MT		S	SOIC	14
74HC125N	NXP Semiconductor		CD74HC125E		S	PDIP	14
74HC125PW	NXP Semiconductor	tpd differs	SN74HC125PWR		S	TSSOP	14
74HC125PW	NXP Semiconductor	tpd differs	SN74HC125PWT		S	TSSOP	14
74HC125PW-T	NXP Semiconductor	tpd differs	SN74HC125PWR		S	TSSOP	14
74HC126D	NXP Semiconductor		CD74HC126M		S	SOIC	14
74HC126DB	NXP Semiconductor	tpd differs	SN74HC126DBR		S	SSOP	14
74HC126DB-T	NXP Semiconductor	tpd differs	SN74HC126DBR		S	SSOP	14
74HC126D-T	NXP Semiconductor		CD74HC126M96		S	SOIC	14
74HC126N	NXP Semiconductor		CD74HC126E		S	PDIP	14
74HC126PW	NXP Semiconductor	tpd differs	SN74HC126PW		S	TSSOP	14
74HC126PW-T	NXP Semiconductor	tpd differs	SN74HC126PWR		S	TSSOP	14
74HC132D	NXP Semiconductor		CD74HC132M		S	SOIC	14
74HC132D	NXP Semiconductor	tpd differs	SN74HC132D		S	SOIC	14
74HC132DB	NXP Semiconductor	tpd differs	SN74HC132DBR		S	SSOP	14
74HC132DB-T	NXP Semiconductor	tpd differs	SN74HC132DBR		S	SSOP	14
74HC132D-T	NXP Semiconductor		CD74HC132M96		S	SOIC	14
74HC132D-T	NXP Semiconductor		CD74HC132MT		S	SOIC	14
74HC132D-T	NXP Semiconductor	tpd differs	SN74HC132D		S	SOIC	14
74HC132N	NXP Semiconductor		CD74HC132E		S	PDIP	14
74HC132PW	NXP Semiconductor	tpd differs	SN74HC132PW		S	TSSOP	14
74HC132PW-T	NXP Semiconductor	tpd differs	SN74HC132PWR		S	TSSOP	14
74HC137N	NXP Semiconductor		CD74HC137E		S	PDIP	16
74HC138D	NXP Semiconductor		CD74HC138M		S	SOIC	16
74HC138DB	NXP Semiconductor		SN74HC138DBR		S	SSOP	16
74HC138DB-T	NXP Semiconductor		SN74HC138DBR		S	SSOP	16
74HC138D-T	NXP Semiconductor		CD74HC138M96		S	SOIC	16
74HC138N	NXP Semiconductor		CD74HC138E		S	PDIP	16
74HC138PW	NXP Semiconductor		SN74HC138PW		S	TSSOP	16
74HC138PW-T	NXP Semiconductor		SN74HC138PWR		S	TSSOP	16
74HC139D	NXP Semiconductor		CD74HC139M		S	SOIC	16
74HC139DB	NXP Semiconductor		SN74HC139DBR		S	SSOP	16
74HC139DB-T	NXP Semiconductor		SN74HC139DBR		S	SSOP	16
74HC139D-T	NXP Semiconductor		CD74HC139M96		S	SOIC	16
74HC139N	NXP Semiconductor		CD74HC139E		S	PDIP	16
74HC139PW	NXP Semiconductor		SN74HC139PW		S	TSSOP	16
74HC139PW-T	NXP Semiconductor		SN74HC139PWR		S	TSSOP	16
74HC147D	NXP Semiconductor		CD74HC147M		S	SOIC	16
74HC147D-T	NXP Semiconductor		CD74HC147M96		S	SOIC	16
74HC147N	NXP Semiconductor		CD74HC147E		S	PDIP	16
74HC14D	NXP Semiconductor		CD74HC14M		S	SOIC	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74HC14DB	NXP Semiconductor		SN74HC14DBR		S	SSOP	14
74HC14DB-T	NXP Semiconductor		SN74HC14DBR		S	SSOP	14
74HC14D-T	NXP Semiconductor		CD74HC14M96		S	SOIC	14
74HC14N	NXP Semiconductor		CD74HC14E		S	PDIP	14
74HC14PW	NXP Semiconductor		CD74HC14PW		S	TSSOP	14
74HC14PW-T	NXP Semiconductor		CD74HC14PWR		S	TSSOP	14
74HC151D	NXP Semiconductor		CD74HC151M		S	SOIC	16
74HC151D-T	NXP Semiconductor		CD74HC151M96		S	SOIC	16
74HC151D-T	NXP Semiconductor	tpd differs	SN74HC151DR		S	SOIC	16
74HC151D-T	NXP Semiconductor	tpd differs	SN74HC151DT		S	SOIC	16
74HC151N	NXP Semiconductor		CD74HC151E		S	PDIP	16
74HC151N	NXP Semiconductor	tpd differs	SN74HC151N		S	PDIP	16
74HC151PW	NXP Semiconductor	tpd differs	SN74HC151PW		S	TSSOP	16
74HC151PW-T	NXP Semiconductor	tpd differs	SN74HC151PWR		S	TSSOP	16
74HC153D	NXP Semiconductor		CD74HC153M		S	SOIC	16
74HC153D-T	NXP Semiconductor		CD74HC153M96		S	SOIC	16
74HC153N	NXP Semiconductor		CD74HC153E		S	PDIP	16
74HC153PW	NXP Semiconductor	tpd differs	SN74HC153PW		S	TSSOP	16
74HC153PW-T	NXP Semiconductor	tpd differs	SN74HC153PWR		S	TSSOP	16
74HC154D	NXP Semiconductor		CD74HC154M		S	SOIC	24
74HC154D-T	NXP Semiconductor		CD74HC154M96		S	SOIC	24
74HC154N	NXP Semiconductor		CD74HC154E		S	PDIP	24
74HC157D	NXP Semiconductor		CD74HC157M		S	SOIC	16
74HC157D	NXP Semiconductor		CD74HC157M96		S	SOIC	16
74HC157DB	NXP Semiconductor	tpd differs	SN74AHC157DBR		Q	SSOP	16
74HC157DB-T	NXP Semiconductor		SN74AHC157DBR		S	SSOP	16
74HC157D-T	NXP Semiconductor		CD74HC157M96		S	SOIC	16
74HC157N	NXP Semiconductor		CD74HC157E		S	PDIP	16
74HC157PW	NXP Semiconductor		SN74HC157PW		S	TSSOP	16
74HC157PW-T	NXP Semiconductor		SN74HC157PWR		S	TSSOP	16
74HC158D	NXP Semiconductor		SN74HC158D		S	SOIC	16
74HC158D-T	NXP Semiconductor		SN74HC158DR		S	SOIC	16
74HC158N	NXP Semiconductor		SN74HC158N		S	PDIP	16
74HC161D	NXP Semiconductor		CD74HC161M		S	SOIC	16
74HC161D	NXP Semiconductor	tpd differs	SN74HC161D		S	SOIC	16
74HC161D-T	NXP Semiconductor		CD74HC161M96		S	SOIC	16
74HC161D-T	NXP Semiconductor	tpd differs	CD74HC161MT		S	SOIC	16
74HC161D-T	NXP Semiconductor	tpd differs	SN74HC161DR		S	SOIC	16
74HC161N	NXP Semiconductor		CD74HC161E		S	PDIP	16
74HC161N	NXP Semiconductor	tpd differs	SN74HC161N		S	PDIP	16
74HC161PW	NXP Semiconductor	tpd differs	SN74HC161PW		S	TSSOP	16
74HC161PW-T	NXP Semiconductor	tpd differs	SN74HC161PWR		S	TSSOP	16
74HC161PW-T	NXP Semiconductor	tpd differs	SN74HC161PWT		S	TSSOP	16
74HC163D	NXP Semiconductor		CD74HC163M		S	SOIC	16
74HC163D	NXP Semiconductor		SN74HC163D		S	SOIC	16
74HC163DB	NXP Semiconductor	tpd differs	SN74HC163DBR		S	SSOP	16
74HC163DB-T	NXP Semiconductor	tpd differs	SN74HC163DBR		S	SSOP	16
74HC163D-T	NXP Semiconductor		CD74HC163M96		S	SOIC	16
74HC163D-T	NXP Semiconductor		CD74HC163MT		S	SOIC	16
74HC163N	NXP Semiconductor		CD74HC163E		S	PDIP	16
74HC163PW	NXP Semiconductor	tpd differs	SN74HC163PW		S	TSSOP	16
74HC163PW-T	NXP Semiconductor	tpd differs	SN74HC163PWR		S	TSSOP	16
74HC164D	NXP Semiconductor		CD74HC164M		S	SOIC	14
74HC164D-T	NXP Semiconductor		CD74HC164M96		S	SOIC	14
74HC164D-T	NXP Semiconductor		CD74HC164MT		S	SOIC	14
74HC164D-T	NXP Semiconductor	tpd differs	SN74HC164DT		S	SOIC	14
74HC164N	NXP Semiconductor		CD74HC164E		S	PDIP	14
74HC164PW	NXP Semiconductor	tpd differs	SN74HC164PW		S	TSSOP	14
74HC164PW-T	NXP Semiconductor	tpd differs	SN74HC164PWR		S	TSSOP	14
74HC165D	NXP Semiconductor		CD74HC165M		S	SOIC	16
74HC165DB	NXP Semiconductor	tpd differs	SN74HC165DBR		S	SSOP	16
74HC165DB-T	NXP Semiconductor	tpd differs	SN74HC165DBR		S	SSOP	16
74HC165D-T	NXP Semiconductor		CD74HC165M96		S	SOIC	16
74HC165D-T	NXP Semiconductor		CD74HC165MT		S	SOIC	16

74HC14DB — 74HC165D-T

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74HC165D-T	NXP Semiconductor	tpd differs	SN74HC165DR		S	SOIC	16
74HC165N	NXP Semiconductor		CD74HC165E		S	PDIP	16
74HC165N	NXP Semiconductor	tpd differs	SN74HC165N		S	PDIP	16
74HC165PW	NXP Semiconductor	tpd differs	SN74HC165PW		S	TSSOP	16
74HC165PW-T	NXP Semiconductor	tpd differs	SN74HC165PWR		S	TSSOP	16
74HC166D	NXP Semiconductor		CD74HC166M		S	SOIC	16
74HC166D	NXP Semiconductor		SN74HC166D		S	SOIC	16
74HC166DB	NXP Semiconductor		SN74HC166DBR		S	SSOP	16
74HC166DB-T	NXP Semiconductor		SN74HC166DBR		S	SSOP	16
74HC166D-T	NXP Semiconductor		CD74HC166M96		S	SOIC	16
74HC166D-T	NXP Semiconductor		SN74HC166DR		S	SOIC	16
74HC166D-T	NXP Semiconductor		SN74HC166DT		S	SOIC	16
74HC166N	NXP Semiconductor		CD74HC166E		S	PDIP	16
74HC166PW	NXP Semiconductor		SN74HC166PW		S	TSSOP	16
74HC166PW-T	NXP Semiconductor		SN74HC166PWR		S	TSSOP	16
74HC173D	NXP Semiconductor		CD74HC173M		S	SOIC	16
74HC173D-T	NXP Semiconductor		CD74HC173M96		S	SOIC	16
74HC173D-T	NXP Semiconductor	tpd differs	CD74HC173MT		S	SOP	16
74HC173N	NXP Semiconductor		CD74HC173E		S	PDIP	16
74HC173PW	NXP Semiconductor		CD74HC173PW		S	TSSOP	16
74HC173PW-T	NXP Semiconductor		CD74HC173PWR		S	TSSOP	16
74HC174D	NXP Semiconductor		CD74HC174M		S	SOIC	16
74HC174D	NXP Semiconductor	tpd differs	CD74HC174ME4		S	SOIC	16
74HC174DB	NXP Semiconductor	tpd differs	SN74HC174DBR		S	SSOP	16
74HC174DB-T	NXP Semiconductor	tpd differs	SN74HC174DBR		S	SSOP	16
74HC174D-T	NXP Semiconductor		CD74HC174M96		S	SOIC	16
74HC174D-T	NXP Semiconductor	tpd differs	CD74HC174MT		S	SOIC	16
74HC174D-T	NXP Semiconductor	tpd differs	CD74HC174MTE4		S	SOIC	16
74HC174N	NXP Semiconductor		CD74HC174E		S	PDIP	16
74HC174PW	NXP Semiconductor	tpd differs	SN74HC174PW		S	TSSOP	16
74HC174PW-T	NXP Semiconductor	tpd differs	SN74HC174PWR		S	TSSOP	16
74HC175D	NXP Semiconductor		CD74HC175M		S	SOIC	16
74HC175D-T	NXP Semiconductor		CD74HC175M96		S	SOIC	16
74HC175D-T	NXP Semiconductor	tpd differs	CD74HC175MT		S	SOIC	16
74HC175N	NXP Semiconductor		CD74HC175E		S	PDIP	16
74HC175PW	NXP Semiconductor	tpd differs	SN74HC175PW		S	TSSOP	16
74HC175PW-T	NXP Semiconductor	tpd differs	SN74HC175PWR		S	TSSOP	16
74HC191D	NXP Semiconductor		CD74HC191M		S	SOIC	16
74HC191D	NXP Semiconductor	tpd differs	SN74HC191D		S	SOIC	16
74HC191D-T	NXP Semiconductor		CD74HC191M96		S	SOIC	16
74HC191D-T	NXP Semiconductor	tpd differs	CD74HC191MT		S	SOIC	16
74HC191N	NXP Semiconductor		CD74HC191E		S	PDIP	16
74HC191N	NXP Semiconductor	tpd differs	SN74HC191N		S	PDIP	16
74HC193D	NXP Semiconductor		CD74HC193M		S	SOIC	16
74HC193D	NXP Semiconductor	tpd differs	SN74HC193D		S	SOIC	16
74HC193D-T	NXP Semiconductor		CD74HC193M96		S	SOIC	16
74HC193N	NXP Semiconductor		CD74HC193E		S	PDIP	16
74HC193PW	NXP Semiconductor	tpd differs	SN74HC193PW		S	TSSOP	16
74HC193PW-T	NXP Semiconductor	tpd differs	SN74HC193PWR		S	TSSOP	16
74HC194D	NXP Semiconductor		CD74HC194M		S	SOIC	16
74HC194D-T	NXP Semiconductor		CD74HC194M96		S	SOIC	16
74HC194N	NXP Semiconductor		CD74HC194E		S	PDIP	16
74HC1G00GV	NXP Semiconductor		SN74AHC1G00DBVR		Q	SC-74A/SOT753	5
74HC1G00GW	NXP Semiconductor		SN74AHC1G00DCKR		Q	SC-70	5
74HC1G00GW-G	NXP Semiconductor	Green	SN74AHC1G00DCKR		Q	SC-70/EIAJSC88	5
74HC1G02GV	NXP Semiconductor		SN74AHC1G02DBVR		Q	SC-74A/SOT753	5
74HC1G02GW	NXP Semiconductor		SN74AHC1G02DCKR		Q	SC-70	5
74HC1G02GW-G	NXP Semiconductor	Green	SN74AHC1G02DCKR		Q	SC-70/EIAJSC88	5
74HC1G04GV	NXP Semiconductor		SN74AHC1G04DBVR		Q	SC-74A/SOT753	5
74HC1G04GW	NXP Semiconductor		SN74AHC1G04DCKR		S	SC-88A	5
74HC1G04GW-G	NXP Semiconductor	Green	SN74AHC1G04DCKR		Q	SC-70/EIAJSC88	5
74HC1G08GV	NXP Semiconductor		SN74AHC1G08DBVR		Q	SC-74A/SOT753	5
74HC1G08GW	NXP Semiconductor		SN74AHC1G08DCKR		S	SC-70	5
74HC1G08GW-G	NXP Semiconductor	Green	SN74AHC1G08DCKR		Q	SC-70/EIAJSC88	5

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74HC1G125GV	NXP Semiconductor		SN74AHC1G125DBVR		Q	SC-74A/SOT753	5
74HC1G125GW	NXP Semiconductor		SN74AHC1G125DCKR		Q	SC-70/EIAJSC88	5
74HC1G125GW-G	NXP Semiconductor	Green	SN74AHC1G125DCKR		Q	SC-70/EIAJSC88	5
74HC1G126GV	NXP Semiconductor		SN74AHC1G126DBVR		Q	SC-74A/SOT753	5
74HC1G126GW	NXP Semiconductor		SN74AHC1G126DCKR		S	SC-88	5
74HC1G126GW-G	NXP Semiconductor	Green	SN74AHC1G126DCKR		Q	SC-70/EIAJSC88	5
74HC1G14GV	NXP Semiconductor		SN74AHC1G14DBVR		Q	SC-74A/SOT753	5
74HC1G14GW	NXP Semiconductor		SN74AHC1G14DCKR		S	SC-88	5
74HC1G14GW-G	NXP Semiconductor	Green	SN74AHC1G14DCKR		Q	SC-70/EIAJSC88	5
74HC1G32GV	NXP Semiconductor		SN74AHC1G32DBVR		Q	SC-74A/SOT753	5
74HC1G32GW	NXP Semiconductor		SN74AHC1G32DCKR		S	SOT-353	5
74HC1G32GW-G	NXP Semiconductor	Green	SN74AHC1G32DCKR		Q	SC-70/EIAJSC88	5
74HC1G86GV	NXP Semiconductor		SN74AHC1G86DBVR		Q	SC-74A/SOT753	5
74HC1G86GW	NXP Semiconductor		SN74AHC1G86DCKR		S	SC-70	5
74HC1G86GW-G	NXP Semiconductor	Green	SN74AHC1G86DCKR		Q	SC-70/EIAJSC88	5
74HC1GU04GV	NXP Semiconductor		SN74AHC1GU04DBVR		Q	SC-74A/SOT753	5
74HC1GU04GW	NXP Semiconductor		SN74AHC1GU04DCKR		S	SC-88	5
74HC1GU04GW-G	NXP Semiconductor	Green	SN74AHC1GU04DCKR		Q	SC-70/EIAJSC88	5
74HC20D	NXP Semiconductor		CD74HC20M		S	SOIC	14
74HC20DB	NXP Semiconductor	tpd differs	SN74HC20DBR		S	SSOP	14
74HC20DB-T	NXP Semiconductor	tpd differs	SN74HC20DBR		S	SSOP	14
74HC20D-T	NXP Semiconductor		CD74HC20M96		S	SOIC	14
74HC20D-T	NXP Semiconductor	tpd differs	CD74HC20MT		S	SOIC	14
74HC20N	NXP Semiconductor		CD74HC20E		S	PDIP	14
74HC20PW	NXP Semiconductor	tpd differs	SN74HC20PW		S	TSSOP	14
74HC20PW-T	NXP Semiconductor	tpd differs	SN74HC20PWR		S	TSSOP	14
74HC21D	NXP Semiconductor		CD74HC21M		S	SOIC	14
74HC21D-T	NXP Semiconductor		CD74HC21M96		S	SOIC	14
74HC21N	NXP Semiconductor		CD74HC21E		S	PDIP	14
74HC240D	NXP Semiconductor		CD74HC240M		S	SOIC	20
74HC240DB	NXP Semiconductor		SN74AHC240DBR	Logic family differs	Q	SSOP	20
74HC240D-T	NXP Semiconductor		CD74HC240M96		S	SOIC	20
74HC240N	NXP Semiconductor		CD74HC240E		S	PDIP	20
74HC240PW	NXP Semiconductor		SN74HC240PW		S	TSSOP	20
74HC240PW-T	NXP Semiconductor		SN74HC240PWR		S	TSSOP	20
74HC241D	NXP Semiconductor	Pb-Free	CD74HC241M		S	SOIC	20
74HC241D	NXP Semiconductor	tpd differs	SN74HC241DW		S	SOIC	20
74HC241D-T	NXP Semiconductor	Pb-Free	CD74HC241M96		S	SOIC	20
74HC241D-T	NXP Semiconductor	tpd differs	SN74HC241DWR		S	SOIC	20
74HC241N	NXP Semiconductor	Pb-Free	CD74HC241E		S	PDIP	20
74HC241N	NXP Semiconductor	tpd differs	SN74HC241N		S	PDIP	20
74HC241PW	NXP Semiconductor	tpd differs	SN74HC241PW		S	TSSOP	20
74HC241PW-T	NXP Semiconductor	tpd differs	SN74HC241PWR		S	TSSOP	20
74HC244PW	NXP Semiconductor	tpd differs	SN74HC244PW		S	TSSOP	20
74HC244PW-T	NXP Semiconductor	tpd differs	SN74HC244PWR		S	TSSOP	20
74HC251D-T	NXP Semiconductor	tpd differs	CD74HC251M96		S	SOIC	16
74HC251D-T	NXP Semiconductor	tpd differs	CD74HC251MT		S	SOIC	16
74HC253D	NXP Semiconductor		CD74HC253M		S	SOIC	16
74HC259D	NXP Semiconductor	tpd differs	SN74HC259D		S	SOIC	16
74HC259D-T	NXP Semiconductor	tpd differs	SN74HC259DR		S	SOIC	16
74HC259N	NXP Semiconductor		CD74HC259E		S	PDIP	16
74HC259N	NXP Semiconductor	tpd differs	SN74HC259N		S	PDIP	16
74HC273D	NXP Semiconductor		CD74HC273ME4		S	SOIC	20
74HC273DB	NXP Semiconductor	tpd differs	SN74HC273DBR		S	SSOP	20
74HC273DB-T	NXP Semiconductor	tpd differs	SN74HC273DBR		S	SSOP	20
74HC273D-T	NXP Semiconductor		CD74HC273M96E4		S	SOIC	20
74HC299D	NXP Semiconductor		CD74HC299M		S	SOIC	20
74HC299D-T	NXP Semiconductor		CD74HC299M96		S	SOIC	20
74HC299N	NXP Semiconductor		CD74HC299E		S	PDIP	20
74HC30D	NXP Semiconductor		CD74HC30M		S	SOIC	14
74HC30D-T	NXP Semiconductor		CD74HC30M96		S	SOIC	14
74HC30D-T	NXP Semiconductor		CD74HC30MT		S	SOIC	14
74HC30N	NXP Semiconductor		CD74HC30E		S	PDIP	14
74HC30PW	NXP Semiconductor		CD74HC30PW		S	TSSOP	14

74HC1G125GV — 74HC30PW

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74HC30PW-T	NXP Semiconductor		CD74HC30PWR		S	TSSOP	14
74HC30PW-T	NXP Semiconductor		CD74HC30PWT		S	TSSOP	14
74HC32D	NXP Semiconductor		CD74HC32M		S	SOIC	14
74HC32DB	NXP Semiconductor	tpd differs	SN74HC32DBR		S	SSOP	14
74HC32DB-T	NXP Semiconductor	tpd differs	SN74HC32DBR		S	SSOP	14
74HC32D-T	NXP Semiconductor		CD74HC32M96		S	SOIC	14
74HC32N	NXP Semiconductor		CD74HC32E		S	PDIP	14
74HC32PW	NXP Semiconductor	tpd differs	SN74HC32PW		S	TSSOP	14
74HC32PW-T	NXP Semiconductor	tpd differs	SN74HC32PWR		S	TSSOP	14
74HC365D	NXP Semiconductor		CD74HC365M		S	SOIC	16
74HC365D	NXP Semiconductor		SN74HC365D		S	SOIC	16
74HC365D-T	NXP Semiconductor		CD74HC365M96		S	SOIC	16
74HC365D-T	NXP Semiconductor	tpd differs	CD74HC365MT		S	SOIC	16
74HC365D-T	NXP Semiconductor		SN74HC365DR		S	SOIC	16
74HC365D-T	NXP Semiconductor		SN74HC365DT		S	SOIC	16
74HC365N	NXP Semiconductor		CD74HC365E		S	PDIP	16
74HC365PW	NXP Semiconductor		SN74HC365PW		S	TSSOP	16
74HC365PW-T	NXP Semiconductor		SN74HC365PWR		S	TSSOP	16
74HC366D	NXP Semiconductor		CD74HC366M		S	SOIC	16
74HC366D-T	NXP Semiconductor		CD74HC366M96		S	SOIC	16
74HC366N	NXP Semiconductor		CD74HC366E		S	PDIP	16
74HC367D	NXP Semiconductor		CD74HC367M		S	SOIC	16
74HC367D	NXP Semiconductor		SN74HC367D		S	SOIC	16
74HC367D-T	NXP Semiconductor		CD74HC367M96		S	SOIC	16
74HC367D-T	NXP Semiconductor	tpd differs	CD74HC367MT		S	SOIC	16
74HC367D-T	NXP Semiconductor		SN74HC367DT		S	SOIC	16
74HC367N	NXP Semiconductor		CD74HC367E		S	PDIP	16
74HC367PW	NXP Semiconductor		SN74HC367PW		S	TSSOP	16
74HC367PW-T	NXP Semiconductor		SN74HC367PWR		S	TSSOP	16
74HC368D	NXP Semiconductor		CD74HC368M		S	SOIC	16
74HC368D	NXP Semiconductor		SN74HC368D		S	SOIC	16
74HC368DB	NXP Semiconductor		SN74HC368DBR		S	SSOP	16
74HC368DB-T	NXP Semiconductor		SN74HC368DBR		S	SSOP	16
74HC368D-T	NXP Semiconductor		CD74HC368M96		S	SOIC	16
74HC368D-T	NXP Semiconductor	tpd differs	CD74HC368MT		S	SOIC	16
74HC368D-T	NXP Semiconductor		SN74HC368DR		S	SOIC	16
74HC368D-T	NXP Semiconductor		SN74HC368DT		S	SOIC	16
74HC368N	NXP Semiconductor		CD74HC368E		S	PDIP	16
74HC368N	NXP Semiconductor		SN74HC368N		S	PDIP	16
74HC373D	NXP Semiconductor		CD74HC373M		S	SOIC	20
74HC373DB	NXP Semiconductor		SN74HC373DBR		S	SSOP	20
74HC373DB-T	NXP Semiconductor		SN74HC373DBR		S	SSOP	20
74HC373D-T	NXP Semiconductor		CD74HC373M96		S	SOIC	20
74HC373D-T	NXP Semiconductor		SN74HC373DWR		S	SOP	20
74HC373N	NXP Semiconductor		CD74HC373E		S	PDIP	20
74HC373N	NXP Semiconductor		SN74HC373N		S	PDIP	20
74HC373PW	NXP Semiconductor		SN74HC373PW		S	TSSOP	20
74HC373PW-T	NXP Semiconductor		SN74HC373PWR		S	TSSOP	20
74HC374D	NXP Semiconductor		CD74HC374M		S	SOIC	20
74HC374D	NXP Semiconductor	tpd differs	CD74HC374ME4		S	SOIC	20
74HC374D	NXP Semiconductor	tpd differs	SN74HC574DW		S	SOIC	20
74HC374DB	NXP Semiconductor	tpd differs	SN74HC374DBR		S	SSOP	20
74HC374DB-T	NXP Semiconductor	tpd differs	SN74HC374DBR		S	SSOP	20
74HC374DB-T	NXP Semiconductor	tpd differs	SN74HC374DBRE4		S	SSOP	20
74HC374D-T	NXP Semiconductor		CD74HC374M96		S	SOIC	20
74HC374D-T	NXP Semiconductor	tpd differs	CD74HC374M96E4		S	SOIC	20
74HC374D-T	NXP Semiconductor	tpd differs	SN74HC574DWR		S	SOIC	20
74HC374N	NXP Semiconductor		CD74HC374E		S	PDIP	20
74HC374PW	NXP Semiconductor	tpd differs	SN74HC374PWR		S	TSSOP	20
74HC374PW-T	NXP Semiconductor	tpd differs	SN74HC374PWR		S	TSSOP	20
74HC377D	NXP Semiconductor		CD74HC377M		S	SOIC	20
74HC377D	NXP Semiconductor	tpd differs	SN74HC377DW		S	SOIC	20
74HC377D	NXP Semiconductor	tpd differs	SN74HC377DWE4		S	SOIC	20
74HC377D-T	NXP Semiconductor		CD74HC377M96		S	SOIC	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74HC377D-T	NXP Semiconductor	tpd differs	SN74HC377DWR		S	SOIC	20
74HC377D-T	NXP Semiconductor	tpd differs	SN74HC377DWRE4		S	SOIC	20
74HC377N	NXP Semiconductor		CD74HC377E		S	PDIP	20
74HC377N	NXP Semiconductor	tpd differs	SN74HC377N		S	PDIP	20
74HC377PW	NXP Semiconductor		CD74HC377PW		S	TSSOP	20
74HC377PW-T	NXP Semiconductor		CD74HC377PWR		S	TSSOP	20
74HC390D	NXP Semiconductor		CD74HC390M		S	SOIC	16
74HC390D-T	NXP Semiconductor		CD74HC390M96		S	SOIC	16
74HC390D-T	NXP Semiconductor	tpd differs	CD74HC390MT		S	SOIC	16
74HC390N	NXP Semiconductor		CD74HC390E		S	PDIP	16
74HC393D	NXP Semiconductor		CD74HC393M		S	SOIC	14
74HC393DB	NXP Semiconductor	tpd differs	SN74HC393DBR		S	SSOP	14
74HC393DB-T	NXP Semiconductor	tpd differs	SN74HC393DBR		S	SSOP	14
74HC393D-T	NXP Semiconductor		CD74HC393M96		S	SOIC	14
74HC393N	NXP Semiconductor		CD74HC393E		S	PDIP	14
74HC393PW	NXP Semiconductor	tpd differs	SN74HC393PW		S	TSSOP	14
74HC393PW-T	NXP Semiconductor	tpd differs	SN74HC393PWR		S	TSSOP	14
74HC4002D	NXP Semiconductor		CD74HC4002M		S	SOIC	14
74HC4002D-T	NXP Semiconductor		CD74HC4002M96		S	SOIC	14
74HC4002D-T	NXP Semiconductor		CD74HC4002MT		S	SOIC	14
74HC4002D-T	NXP Semiconductor		CD74HC4002MTE4		S	SOIC	14
74HC4002N	NXP Semiconductor		CD74HC4002E		S	PDIP	14
74HC4002PW	NXP Semiconductor		CD74HC4002PW		S	TSSOP	14
74HC4002PW-T	NXP Semiconductor		CD74HC4002PWR		S	TSSOP	14
74HC40103D	NXP Semiconductor		CD74HC40103M		S	SOIC	16
74HC40103D-T	NXP Semiconductor		CD74HC40103M96		S	SOIC	16
74HC40103D-T	NXP Semiconductor		CD74HC40103MT		S	SOIC	16
74HC40103N	NXP Semiconductor		CD74HC40103E		S	PDIP	16
74HC40105D	NXP Semiconductor		CD74HC40105M		S	SOIC	16
74HC40105D-T	NXP Semiconductor		CD74HC40105M96		S	SOIC	16
74HC40105N	NXP Semiconductor		CD74HC40105E		S	PDIP	16
74HC4015D	NXP Semiconductor		CD74HC4015M		S	SOIC	16
74HC4015D-T	NXP Semiconductor		CD74HC4015M	Not available reeled, use tubed	S	SOIC	16
74HC4015N	NXP Semiconductor		CD74HC4015E		S	PDIP	16
74HC4016D	NXP Semiconductor	Vs differs	CD74HC4016M96		S	SOIC	14
74HC4016D-T	NXP Semiconductor		CD74HC4016M96		S	SOIC	14
74HC4016N	NXP Semiconductor		CD74HC4016E		S	PDIP	14
74HC4016PW	NXP Semiconductor		CD74HC4016PW		S	TSSOP	14
74HC4016PW-T	NXP Semiconductor		CD74HC4016PWR		S	TSSOP	14
74HC4017D	NXP Semiconductor		CD74HC4017M		S	SOIC	16
74HC4017D-T	NXP Semiconductor		CD74HC4017M96		S	SOIC	16
74HC4017D-T	NXP Semiconductor		CD74HC4017MT		S	SOIC	16
74HC4017N	NXP Semiconductor		CD74HC4017E		S	PDIP	16
74HC4017PW	NXP Semiconductor		CD74HC4017PW		S	TSSOP	16
74HC4017PW-T	NXP Semiconductor		CD74HC4017PWR		S	TSSOP	16
74HC4017PW-T	NXP Semiconductor		CD74HC4017PWT		S	TSSOP	16
74HC4020D	NXP Semiconductor		CD74HC4020M		S	SOIC	16
74HC4020D	NXP Semiconductor	tpd differs	SN74HC4020D		S	SOIC	16
74HC4020DB	NXP Semiconductor	tpd differs	SN74HC4020DBR		S	SSOP	16
74HC4020DB-T	NXP Semiconductor	tpd differs	SN74HC4020DBR		S	SSOP	16
74HC4020D-T	NXP Semiconductor		CD74HC4020M96		S	SOIC	16
74HC4020D-T	NXP Semiconductor		CD74HC4020MT		S	SOIC	16
74HC4020D-T	NXP Semiconductor	tpd differs	SN74HC4020DT		S	SOIC	16
74HC4020N	NXP Semiconductor		CD74HC4020E		S	PDIP	16
74HC4020N	NXP Semiconductor	tpd differs	SN74HC4020N		S	PDIP	16
74HC4020PW	NXP Semiconductor	tpd differs	SN74HC4020PW		S	TSSOP	16
74HC4020PW-T	NXP Semiconductor	tpd differs	SN74HC4020PWR		S	TSSOP	16
74HC4024D	NXP Semiconductor		CD74HC4024M		S	SOIC	14
74HC4024D-T	NXP Semiconductor		CD74HC4024M96		S	SOIC	14
74HC4024D-T	NXP Semiconductor	tpd differs	CD74HC4024MT		S	SOIC	14
74HC4024N	NXP Semiconductor		CD74HC4024E		S	PDIP	14
74HC4024PW	NXP Semiconductor		CD74HC4024PW		S	TSSOP	14
74HC4024PW-T	NXP Semiconductor		CD74HC4024PWR		S	TSSOP	14
74HC4040D	NXP Semiconductor		CD74HC4040M		S	SOIC	16

74HC377D-T — 74HC4040D

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74HC4040DB	NXP Semiconductor		SN74HC4040DBR		S	SSOP	16
74HC4040DB-T	NXP Semiconductor		SN74HC4040DBR		S	SSOP	16
74HC4040D-T	NXP Semiconductor		CD74HC4040M96		S	SOIC	16
74HC4040N	NXP Semiconductor		CD74HC4040E		S	PDIP	16
74HC4040PW	NXP Semiconductor		SN74HC4040PW		S	TSSOP	16
74HC4040PW-T	NXP Semiconductor		SN74HC4040PWR		S	TSSOP	16
74HC4046AD	NXP Semiconductor		CD74HC4046AM		S	SOIC	16
74HC4046AD-T	NXP Semiconductor		CD74HC4046AM96		S	SOIC	16
74HC4046AN	NXP Semiconductor		CD74HC4046AE		S	PDIP	16
74HC4046APW	NXP Semiconductor	Operating frequency differs	CD74HC4046APWR		S	TSSOP	16
74HC4046APW-T	NXP Semiconductor		CD74HC4046APWR		S	TSSOP	16
74HC4049D	NXP Semiconductor		CD74HC4049M		S	SOIC	16
74HC4049D-T	NXP Semiconductor		CD74HC4049M96		S	SOIC	16
74HC4049D-T	NXP Semiconductor		CD74HC4049MT		S	SOIC	16
74HC4049N	NXP Semiconductor		CD74HC4049E		S	PDIP	16
74HC4050D	NXP Semiconductor		CD74HC4050M		S	SOIC	16
74HC4050D-T	NXP Semiconductor		CD74HC4050M96		S	SOIC	16
74HC4050D-T	NXP Semiconductor		CD74HC4050MT		S	SOIC	16
74HC4050N	NXP Semiconductor		CD74HC4050E		S	PDIP	16
74HC4050PW	NXP Semiconductor		CD74HC4050PW		S	TSSOP	16
74HC4050PW-T	NXP Semiconductor		CD74HC4050PWR		S	TSSOP	16
74HC4051D	NXP Semiconductor		CD74HC4051M		S	SOIC	16
74HC4051D-T	NXP Semiconductor		CD74HC4051M96		S	SOIC	16
74HC4051N	NXP Semiconductor		CD74HC4051E		S	PDIP	16
74HC4051PW	NXP Semiconductor	toff, ton, tpd, Vs differ	CD74HC4051PWR		S	TSSOP	16
74HC4051PW-T	NXP Semiconductor		CD74HC4051PWR		S	TSSOP	16
74HC4052D	NXP Semiconductor		CD74HC4052M		S	SOIC	16
74HC4052D-T	NXP Semiconductor		CD74HC4052M96		S	SOIC	16
74HC4052N	NXP Semiconductor		CD74HC4052E		S	PDIP	16
74HC4052PW	NXP Semiconductor		CD74HC4052PW		S	TSSOP	16
74HC4052PW-T	NXP Semiconductor		CD74HC4052PWR		S	TSSOP	16
74HC4053D	NXP Semiconductor		CD74HC4053M		S	SOIC	16
74HC4053D-T	NXP Semiconductor		CD74HC4053M96		S	SOIC	16
74HC4053N	NXP Semiconductor		CD74HC4053E		S	PDIP	16
74HC4053PW	NXP Semiconductor		CD74HC4053PW		S	TSSOP	16
74HC4053PW-T	NXP Semiconductor		CD74HC4053PWR		S	TSSOP	16
74HC4059D	NXP Semiconductor		CD74HC4059M96		S	SOIC	24
74HC4059D-T	NXP Semiconductor		CD74HC4059M96		S	SOIC	24
74HC4059N	NXP Semiconductor		CD74HC4059E		S	PDIP	24
74HC4059N3	NXP Semiconductor		CD74HC4059E		S	PDIP	24
74HC4060D	NXP Semiconductor		CD74HC4060M		S	SOIC	16
74HC4060DB	NXP Semiconductor	tpd differs	SN74HC4060DBR		S	SSOP	16
74HC4060DB-T	NXP Semiconductor	tpd differs	SN74HC4060DBR		S	SSOP	16
74HC4060D-T	NXP Semiconductor		CD74HC4060M96		S	SOIC	16
74HC4060D-T	NXP Semiconductor		CD74HC4060MT		S	SOIC	16
74HC4060D-T	NXP Semiconductor	tpd differs	SN74HC4060DR		S	SOIC	16
74HC4060N	NXP Semiconductor		CD74HC4060E		S	PDIP	16
74HC4060PW	NXP Semiconductor		CD74HC4060PW		S	TSSOP	16
74HC4060PW	NXP Semiconductor	tpd differs	SN74HC4060PW		S	TSSOP	16
74HC4060PW-T	NXP Semiconductor		CD74HC4060PWR		S	TSSOP	16
74HC4060PW-T	NXP Semiconductor	tpd differs	SN74HC4060PWR		S	TSSOP	16
74HC4066D	NXP Semiconductor		CD74HC4066M		S	SOIC	14
74HC4066DB	NXP Semiconductor	Vs differs	SN74HC4066DBR		S	SSOP	14
74HC4066DB-T	NXP Semiconductor	Vs differs	SN74HC4066DBR		S	SSOP	14
74HC4066D-T	NXP Semiconductor		CD74HC4066M96		S	SOIC	14
74HC4066N	NXP Semiconductor		CD74HC4066E		S	PDIP	14
74HC4066PW	NXP Semiconductor		CD74HC4066PW		S	TSSOP	14
74HC4066PW-T	NXP Semiconductor		CD74HC4066PWR		S	TSSOP	14
74HC4067D	NXP Semiconductor		CD74HC4067M		S	SOIC	24
74HC4067D-T	NXP Semiconductor		CD74HC4067M96		S	SOIC	24
74HC4067N	NXP Semiconductor		CD74HC4067E		S	PDIP	24
74HC4075D	NXP Semiconductor		CD74HC4075M		S	SOIC	14
74HC4075D-T	NXP Semiconductor		CD74HC4075M96		S	SOIC	14
74HC4075N	NXP Semiconductor		CD74HC4075E		S	PDIP	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74HC4094D	NXP Semiconductor		CD74HC4094M		S	SOIC	16
74HC4094D-T	NXP Semiconductor		CD74HC4094M96		S	SOIC	16
74HC4094N	NXP Semiconductor		CD74HC4094E		S	PDIP	16
74HC4094PW	NXP Semiconductor		CD74HC4094PW		S	TSSOP	16
74HC4094PW-T	NXP Semiconductor		CD74HC4094PWR		S	TSSOP	16
74HC423D	NXP Semiconductor		CD74HC423M		S	SOIC	16
74HC423D-T	NXP Semiconductor		CD74HC423M96		S	SOIC	16
74HC423N	NXP Semiconductor		CD74HC423E		S	PDIP	16
74HC42D	NXP Semiconductor		CD74HC42M		S	SOIC	16
74HC42D-T	NXP Semiconductor		CD74HC42M	Not available reeled, use tubed	S	SOIC	16
74HC42D-T	NXP Semiconductor		SN74HC42DR		S	SOP	16
74HC42N	NXP Semiconductor		CD74HC42E		S	PDIP	16
74HC4316D	NXP Semiconductor		CD74HC4316M		S	SOIC	16
74HC4316D-T	NXP Semiconductor		CD74HC4316M96		S	SOIC	16
74HC4316N	NXP Semiconductor		CD74HC4316E		S	PDIP	16
74HC4316PW	NXP Semiconductor		CD74HC4316PW		S	TSSOP	16
74HC4316PW-T	NXP Semiconductor		CD74HC4316PWR		S	TSSOP	16
74HC4351D	NXP Semiconductor		CD74HC4351M		S	SOIC	20
74HC4351D-T	NXP Semiconductor		CD74HC4351M96		S	SOIC	20
74HC4351N	NXP Semiconductor		CD74HC4351E		S	PDIP	20
74HC4511D	NXP Semiconductor		CD74HC4511M		S	SOIC	16
74HC4511D-T	NXP Semiconductor		CD74HC4511M96		S	SOIC	16
74HC4511N	NXP Semiconductor		CD74HC4511E		S	PDIP	16
74HC4514D	NXP Semiconductor		CD74HC4514M		S	SOIC	24
74HC4514D-T	NXP Semiconductor		CD74HC4514M96		S	SOIC	24
74HC4514N	NXP Semiconductor		CD74HC4514E		S	PDIP	24
74HC4515D	NXP Semiconductor		CD74HC4515M		S	SOIC	24
74HC4515D-T	NXP Semiconductor		CD74HC4515M96		S	SOIC	24
74HC4515N	NXP Semiconductor		CD74HC4515E		S	PDIP	24
74HC4520D	NXP Semiconductor		CD74HC4520M		S	SOIC	16
74HC4520D-T	NXP Semiconductor		CD74HC4520M96		S	SOIC	16
74HC4520N	NXP Semiconductor		CD74HC4520E		S	PDIP	16
74HC4538D	NXP Semiconductor		CD74HC4538M		S	SOIC	16
74HC4538D-T	NXP Semiconductor		CD74HC4538M96		S	SOIC	16
74HC4538N	NXP Semiconductor		CD74HC4538E		S	PDIP	16
74HC4538PW	NXP Semiconductor		CD74HC4538PW		S	TSSOP	16
74HC4538PW-T	NXP Semiconductor		CD74HC4538PWR		S	TSSOP	16
74HC534N	NXP Semiconductor		CD74HC534E		S	PDIP	20
74HC540D	NXP Semiconductor		CD74HC540M		S	SOIC	20
74HC540D	NXP Semiconductor		SN74HC540DW		S	SOIC	20
74HC540D-T	NXP Semiconductor		CD74HC540M96		S	SOIC	20
74HC540D-T	NXP Semiconductor		SN74HC540DWR		S	SOIC	20
74HC540N	NXP Semiconductor		CD74HC540E		S	PDIP	20
74HC541D	NXP Semiconductor		CD74HC541M		S	SOIC	20
74HC541D	NXP Semiconductor		SN74HC541DW		S	SOIC	20
74HC541DB	NXP Semiconductor		SN74HC541DBR		S	SSOP	20
74HC541DB-T	NXP Semiconductor		SN74HC541DBR		S	SSOP	20
74HC541D-T	NXP Semiconductor		CD74HC541M96		S	SOIC	20
74HC541N	NXP Semiconductor		CD74HC541E		S	PDIP	20
74HC541PW	NXP Semiconductor		CD74HC541PW		S	TSSOP	20
74HC541PW-T	NXP Semiconductor		CD74HC541PWR		S	TSSOP	20
74HC563D	NXP Semiconductor		CD74HC563M		S	SOIC	20
74HC563D-T	NXP Semiconductor		CD74HC563M		S	SOP	20
74HC563N	NXP Semiconductor		CD74HC563E		S	PDIP	20
74HC564D	NXP Semiconductor		CD74HC564M		S	SOIC	20
74HC564D	NXP Semiconductor	tpd differs	CD74HC564ME4		S	SOIC	20
74HC564D	NXP Semiconductor	tpd differs	SN74HC574DW		S	SOIC	20
74HC564D-T	NXP Semiconductor		CD74HC564M96		S	SOIC	20
74HC564D-T	NXP Semiconductor	tpd differs	CD74HC564M96E4		S	SOIC	20
74HC564D-T	NXP Semiconductor	tpd differs	SN74HC574DWR		S	SOIC	20
74HC564N	NXP Semiconductor		CD74HC564E		S	PDIP	20
74HC573D	NXP Semiconductor		CD74HC573M		S	SOIC	20
74HC573DB	NXP Semiconductor		SN74HC573ADBR		S	SSOP	20
74HC573DB-T	NXP Semiconductor		SN74HC573ADBR		S	SSOP	20

74HC4094D — 74HC573DB-T

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74HC573D-T	NXP Semiconductor		CD74HC573M96		S	SOIC	20
74HC573D-T	NXP Semiconductor		SN74HC573ADWR		S	SOP	20
74HC573N	NXP Semiconductor		CD74HC573E		S	PDIP	20
74HC573N	NXP Semiconductor		SN74HC573AN		S	PDIP	20
74HC573PW	NXP Semiconductor		SN74HC573APWR		S	TSSOP	20
74HC573PW-T	NXP Semiconductor		SN74HC573APWR		S	TSSOP	20
74HC574D	NXP Semiconductor		CD74HC574M		S	SOIC	20
74HC574D	NXP Semiconductor	tpd differs	CD74HC574ME4		S	SOIC	20
74HC574D	NXP Semiconductor	tpd differs	SN74HC574DW		S	SOIC	20
74HC574DB	NXP Semiconductor	tpd differs	SN74HC574DBR		S	SSOP	20
74HC574DB-T	NXP Semiconductor	tpd differs	SN74HC574DBR		S	SSOP	20
74HC574DB-T	NXP Semiconductor	tpd differs	SN74HC574DBRE4		S	SSOP	20
74HC574D-T	NXP Semiconductor		CD74HC574M96		S	SOIC	20
74HC574D-T	NXP Semiconductor	tpd differs	CD74HC574M96E4		S	SOIC	20
74HC574D-T	NXP Semiconductor	tpd differs	SN74HC574DWR		S	SOIC	20
74HC574N	NXP Semiconductor		CD74HC574E		S	PDIP	20
74HC574N	NXP Semiconductor	tpd differs	SN74HC574N		S	PDIP	20
74HC574PW	NXP Semiconductor	tpd differs	SN74HC574PW		S	TSSOP	20
74HC574PW-T	NXP Semiconductor	tpd differs	SN74HC574PWR		S	TSSOP	20
74HC594D	NXP Semiconductor		SN74HC594D		S	SOIC	16
74HC594D-T	NXP Semiconductor		SN74HC594DR		S	SOIC	16
74HC594D-T	NXP Semiconductor		SN74HC594DWR		S	SOIC	16
74HC594N	NXP Semiconductor		SN74HC594N		S	PDIP	16
74HC595D	NXP Semiconductor		CD74HC595M		S	SOIC	16
74HC595D	NXP Semiconductor		SN74HC595D		S	SOIC	16
74HC595DB	NXP Semiconductor		CD74HC595SM96		S	SSOP	16
74HC595DB	NXP Semiconductor		SN74HC595DBR		S	SSOP	16
74HC595DB-T	NXP Semiconductor		CD74HC595SM96		S	SSOP	16
74HC595DB-T	NXP Semiconductor		SN74HC595DBR		S	SSOP	16
74HC595D-T	NXP Semiconductor		CD74HC595DWR		S	SOIC	16
74HC595D-T	NXP Semiconductor		CD74HC595M96		S	SOIC	16
74HC595D-T	NXP Semiconductor		CD74HC595MT		S	SOIC	16
74HC595D-T	NXP Semiconductor		SN74HC595DR		S	SOIC	16
74HC595D-T	NXP Semiconductor		SN74HC595DT		S	SOIC	16
74HC595D-T	NXP Semiconductor		SN74HC595DWR		S	SOIC	16
74HC595N	NXP Semiconductor		CD74HC595E		S	PDIP	16
74HC595N	NXP Semiconductor		SN74HC595N		S	PDIP	16
74HC595PW	NXP Semiconductor		SN74HC595PW		S	TSSOP	16
74HC595PW-T	NXP Semiconductor		SN74HC595PWR		S	TSSOP	16
74HC597D	NXP Semiconductor		CD74HC597M		S	SOIC	16
74HC597D-T	NXP Semiconductor		CD74HC597M96		S	SOIC	16
74HC597N	NXP Semiconductor		CD74HC597E		S	PDIP	16
74HC640D	NXP Semiconductor		CD74HC640M		S	SOIC	20
74HC640D-T	NXP Semiconductor		CD74HC640M		S	SOIC	20
74HC640N	NXP Semiconductor		CD74HC640E		S	PDIP	20
74HC640N	NXP Semiconductor		CD74HC640M		S	PDIP	20
74HC646D	NXP Semiconductor		SN74HC646DW		S	SOIC	24
74HC646D-T	NXP Semiconductor		SN74HC646DWR		S	SOIC	24
74HC646N	NXP Semiconductor		SN74HC646NT		S	PDIP	24
74HC652D	NXP Semiconductor		SN74HC652DW		S	SOIC	24
74HC652D-T	NXP Semiconductor		SN74HC652DWR		S	SOIC	24
74HC652N	NXP Semiconductor		CD74HC652EN		S	PDIP	24
74HC670D	NXP Semiconductor		CD74HC670M		S	SOIC	16
74HC670D-T	NXP Semiconductor		CD74HC670M96		S	SOIC	16
74HC670N	NXP Semiconductor		CD74HC670E		S	PDIP	16
74HC688D	NXP Semiconductor		CD74HC688M		S	SOIC	20
74HC688D-T	NXP Semiconductor		CD74HC688M96		S	SOIC	20
74HC688N	NXP Semiconductor		CD74HC688E		S	PDIP	20
74HC688PW	NXP Semiconductor		CD74HC688PWR		S	TSSOP	20
74HC688PW-T	NXP Semiconductor		CD74HC688PWR		S	TSSOP	20
74HC7046AD	NXP Semiconductor		CD74HC7046AM		S	SOIC	16
74HC7046AD-T	NXP Semiconductor		CD74HC7046AM96		S	SOIC	16
74HC7046AN	NXP Semiconductor		CD74HC7046AE		S	PDIP	16
74HC7266D	NXP Semiconductor		CD74HC7266M		S	SOIC	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74HC266D-T	NXP Semiconductor		CD74HC7266M96		S	SOIC	14
74HC266N	NXP Semiconductor		CD74HC7266E		S	PDIP	14
74HC73D	NXP Semiconductor		CD74HC73M		S	SOIC	14
74HC73D	NXP Semiconductor	tpd differs	CD74HC73ME4		S	SOIC	14
74HC73D-T	NXP Semiconductor		CD74HC73M96		S	SOIC	14
74HC73D-T	NXP Semiconductor	tpd differs	CD74HC73M96E4		S	SOIC	14
74HC73D-T	NXP Semiconductor	tpd differs	CD74HC73MT		S	SOIC	14
74HC73D-T	NXP Semiconductor	tpd differs	CD74HC73MTE4		S	SOIC	14
74HC73N	NXP Semiconductor		CD74HC73E		S	PDIP	14
74HC74D	NXP Semiconductor		CD74HC74M		S	SOIC	14
74HC74D	NXP Semiconductor	tpd differs	CD74HC74ME4		S	SOIC	14
74HC74D	NXP Semiconductor	tpd differs	SN74HC74D		S	SOIC	14
74HC74DB	NXP Semiconductor	tpd differs	SN74HC74DBR		S	SSOP	14
74HC74DB-T	NXP Semiconductor	tpd differs	SN74HC74DBR		S	SSOP	14
74HC74D-T	NXP Semiconductor		CD74HC74M96		S	SOIC	14
74HC74D-T	NXP Semiconductor	tpd differs	CD74HC74M96E4		S	SOIC	14
74HC74D-T	NXP Semiconductor	tpd differs	CD74HC74MT		S	SOIC	14
74HC74D-T	NXP Semiconductor	tpd differs	CD74HC74MTE4		S	SOIC	14
74HC74N	NXP Semiconductor		CD74HC74E		S	PDIP	14
74HC74PW	NXP Semiconductor	tpd differs	SN74HC74PW		S	TSSOP	14
74HC74PW-T	NXP Semiconductor	tpd differs	SN74HC74PWR		S	TSSOP	14
74HC75D	NXP Semiconductor		CD74HC75M		S	SOIC	16
74HC75D-T	NXP Semiconductor		CD74HC75M96		S	SOIC	16
74HC75N	NXP Semiconductor		CD74HC75E		S	PDIP	16
74HC75PW	NXP Semiconductor		CD74HC75PW		S	TSSOP	16
74HC75PW-T	NXP Semiconductor		CD74HC75PWR		S	TSSOP	16
74HC85D	NXP Semiconductor		CD74HC85M		S	SOIC	16
74HC85D-T	NXP Semiconductor		CD74HC85M96		S	SOIC	16
74HC85N	NXP Semiconductor		CD74HC85E		S	PDIP	16
74HC85PW	NXP Semiconductor		CD74HC85PW		S	TSSOP	16
74HC85PW-T	NXP Semiconductor		CD74HC85PWR		S	TSSOP	16
74HC86D	NXP Semiconductor		CD74HC86M		S	SOIC	14
74HC86D-T	NXP Semiconductor		CD74HC86M96		S	SOIC	14
74HC86N	NXP Semiconductor		CD74HC86E		S	PDIP	14
74HC86PW	NXP Semiconductor	tpd differs	SN74HC86PW		S	TSSOP	14
74HC86PW-T	NXP Semiconductor	tpd differs	SN74HC86PWR		S	TSSOP	14
74HC93D	NXP Semiconductor		CD74HC93M		S	SOIC	14
74HC93D-T	NXP Semiconductor		CD74HC93M96		S	SOIC	14
74HC93D-T	NXP Semiconductor		CD74HC93MT		S	SOIC	14
74HC93N	NXP Semiconductor		CD74HC93E		S	PDIP	14
74HCT00D	NXP Semiconductor		CD74HCT00M		S	SOIC	14
74HCT00D-T	NXP Semiconductor		CD74HCT00M96		S	SOIC	14
74HCT00N	NXP Semiconductor		CD74HCT00E		S	PDIP	14
74HCT00PW	NXP Semiconductor	tpd differs	SN74HCT00PW		S	TSSOP	14
74HCT00PW-T	NXP Semiconductor	tpd differs	SN74HCT00PWR		S	TSSOP	14
74HCT02D	NXP Semiconductor		CD74HCT02M		S	SOIC	14
74HCT02D	NXP Semiconductor	tpd differs	CD74HCT02ME4		S	SOIC	14
74HCT02D-T	NXP Semiconductor		CD74HCT02M96		S	SOIC	14
74HCT02D-T	NXP Semiconductor	tpd differs	CD74HCT02M96E4		S	SOIC	14
74HCT02D-T	NXP Semiconductor	tpd differs	CD74HCT02MT		S	SOIC	14
74HCT02D-T	NXP Semiconductor	tpd differs	CD74HCT02MTE4		S	SOIC	14
74HCT02N	NXP Semiconductor		CD74HCT02E		S	PDIP	14
74HCT02PW	NXP Semiconductor	tpd differs	SN74HCT02PW		S	TSSOP	14
74HCT02PW-T	NXP Semiconductor	tpd differs	SN74HCT02PWR		S	TSSOP	14
74HCT03D	NXP Semiconductor		CD74HCT03M		S	SOIC	14
74HCT03D-T	NXP Semiconductor		CD74HCT03M96		S	SOIC	14
74HCT03D-T	NXP Semiconductor		CD74HCT03MT		S	SOIC	14
74HCT03N	NXP Semiconductor		CD74HCT03E		S	PDIP	14
74HCT04D	NXP Semiconductor		CD74HCT04M		S	SOIC	14
74HCT04D	NXP Semiconductor		SN74HCT04D		S	SOIC	14
74HCT04D-T	NXP Semiconductor		CD74HCT04M96		S	SOIC	14
74HCT04N	NXP Semiconductor		CD74HCT04E		S	PDIP	14
74HCT04N	NXP Semiconductor	tpd differs	SN74HCT04N		S	PDIP	14
74HCT04PW	NXP Semiconductor	tpd differs	SN74HCT04PW		S	TSSOP	14

74HC7266D-T — 74HCT04PW

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74HCT04PW-T	NXP Semiconductor		CD74HCT04PWR		S	TSSOP	14
74HCT08D	NXP Semiconductor		CD74HCT08M		S	SOIC	14
74HCT08DB	NXP Semiconductor	tpd differs	SN74HCT08DBR		S	SSOP	14
74HCT08DB-T	NXP Semiconductor	tpd differs	SN74HCT08DBR		S	SSOP	14
74HCT08D-T	NXP Semiconductor		CD74HCT08M96		S	SOIC	14
74HCT08N	NXP Semiconductor		CD74HCT08E		S	PDIP	14
74HCT08PW	NXP Semiconductor	tpd differs	SN74HCT08PW		S	TSSOP	14
74HCT08PW-T	NXP Semiconductor	tpd differs	SN74HCT08PWR		S	TSSOP	14
74HCT107N	NXP Semiconductor		CD74HCT107E		S	PDIP	14
74HCT109D	NXP Semiconductor		CD74HCT109M		S	SOIC	16
74HCT109D	NXP Semiconductor	tpd differs	CD74HCT109ME4		S	SOIC	16
74HCT109D-T	NXP Semiconductor		CD74HCT109M96		S	SOIC	16
74HCT109D-T	NXP Semiconductor	tpd differs	CD74HCT109M96E4		S	SOIC	16
74HCT109D-T	NXP Semiconductor	tpd differs	CD74HCT109MT		S	SOIC	16
74HCT109D-T	NXP Semiconductor	tpd differs	CD74HCT109MTE4		S	SOIC	16
74HCT109N	NXP Semiconductor		CD74HCT109E		S	PDIP	16
74HCT10D	NXP Semiconductor		CD74HCT10M		S	SOIC	14
74HCT10D-T	NXP Semiconductor		CD74HCT10M96		S	SOIC	14
74HCT10N	NXP Semiconductor		CD74HCT10E		S	PDIP	14
74HCT112N	NXP Semiconductor		CD74HCT112E		S	PDIP	16
74HCT11D	NXP Semiconductor		CD74HCT11M		S	SOIC	14
74HCT11D-T	NXP Semiconductor		CD74HCT11M96		S	SOIC	14
74HCT11N	NXP Semiconductor		CD74HCT11E		S	PDIP	14
74HCT123D	NXP Semiconductor		CD74HCT123M		S	SOIC	16
74HCT123D-T	NXP Semiconductor		CD74HCT123M96		S	SOIC	16
74HCT123N	NXP Semiconductor		CD74HCT123E		S	PDIP	16
74HCT125D	NXP Semiconductor		CD74HCT125M		S	SOIC	14
74HCT125D	NXP Semiconductor	tpd, Vs differ	SN74HCT125D		S	SOIC	14
74HCT125D-T	NXP Semiconductor		CD74HCT125M96		S	SOIC	14
74HCT125D-T	NXP Semiconductor		CD74HCT125MT		S	SOIC	14
74HCT125D-T	NXP Semiconductor	tpd, Vs differ	SN74HCT125DR		S	SOIC	14
74HCT125N	NXP Semiconductor		CD74HCT125E		S	PDIP	14
74HCT125N	NXP Semiconductor	tpd, Vs differ	SN74HCT125N		S	PDIP	14
74HCT126D	NXP Semiconductor		CD74HCT126M		S	SOIC	14
74HCT126D-T	NXP Semiconductor		CD74HCT126M96		S	SOIC	14
74HCT126N	NXP Semiconductor		CD74HCT126E		S	PDIP	14
74HCT132D	NXP Semiconductor		CD74HCT132M		S	SOIC	14
74HCT132D-T	NXP Semiconductor		CD74HCT132M96		S	SOIC	14
74HCT132D-T	NXP Semiconductor		CD74HCT132MT		S	SOIC	14
74HCT132N	NXP Semiconductor		CD74HCT132E		S	PDIP	14
74HCT132PW	NXP Semiconductor		SN74HCT132PWR		S	TSSOP	14
74HCT137D	NXP Semiconductor		CD74HCT137M96		S	SOP	16
74HCT137D-T	NXP Semiconductor		CD74HCT137M96		S	SOIC	16
74HCT137N	NXP Semiconductor		CD74HCT137E		S	PDIP	16
74HCT138D	NXP Semiconductor		CD74HCT138M		S	SOIC	16
74HCT138D-T	NXP Semiconductor		CD74HCT138M96		S	SOIC	16
74HCT138N	NXP Semiconductor		CD74HCT138E		S	PDIP	16
74HCT138PW	NXP Semiconductor		SN74HCT138PW		S	TSSOP	16
74HCT138PW-T	NXP Semiconductor		SN74HCT138PWR		S	TSSOP	16
74HCT139D	NXP Semiconductor		CD74HCT139M		S	SOIC	16
74HCT139DB	NXP Semiconductor		SN74HCT139DBR		S	SSOP	16
74HCT139DB-T	NXP Semiconductor		SN74HCT139DBR		S	SSOP	16
74HCT139D-T	NXP Semiconductor		CD74HCT139M96		S	SOIC	16
74HCT139N	NXP Semiconductor		CD74HCT139E		S	PDIP	16
74HCT139PW	NXP Semiconductor		SN74HCT139PWR		S	TSSOP	16
74HCT139PW-T	NXP Semiconductor		SN74HCT139PWR		S	TSSOP	16
74HCT147N	NXP Semiconductor		CD74HCT147E		S	PDIP	16
74HCT14D	NXP Semiconductor		CD74HCT14M		S	SOIC	14
74HCT14DB	NXP Semiconductor	tpd differs	SN74HCT14DBR		S	SSOP	14
74HCT14DB-T	NXP Semiconductor	tpd differs	SN74HCT14DBR		S	SSOP	14
74HCT14D-T	NXP Semiconductor		CD74HCT14M96		S	SOIC	14
74HCT14N	NXP Semiconductor		CD74HCT14E		S	PDIP	14
74HCT14N	NXP Semiconductor	tpd differs	SN74HCT14N		S	PDIP	14
74HCT14PW	NXP Semiconductor		CD74HCT14PW		S	TSSOP	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74HCT14PW	NXP Semiconductor	tpd differs	SN74HCT14PWR		S	TSSOP	14
74HCT14PW-T	NXP Semiconductor		CD74HCT14PWR		S	TSSOP	14
74HCT151D	NXP Semiconductor		CD74HCT151M		S	SOIC	16
74HCT151D-T	NXP Semiconductor		CD74HCT151M96		S	SOIC	16
74HCT151D-T	NXP Semiconductor	tpd differs	CD74HCT153MT		S	SOIC	16
74HCT151N	NXP Semiconductor		CD74HCT151E		S	PDIP	16
74HCT153D	NXP Semiconductor		CD74HCT153M		S	SOIC	16
74HCT153D-T	NXP Semiconductor		CD74HCT153M96		S	SOIC	16
74HCT153D-T	NXP Semiconductor	tpd differs	SN74HCT157DR		S	SOIC	16
74HCT153N	NXP Semiconductor		CD74HCT153E		S	PDIP	16
74HCT154D	NXP Semiconductor		CD74HCT154M		S	SOIC	24
74HCT154D-T	NXP Semiconductor		CD74HCT154M96		S	SOIC	24
74HCT154N	NXP Semiconductor		CD74HCT154E		S	PDIP	24
74HCT157D	NXP Semiconductor		CD74HCT157M		S	SOIC	16
74HCT157D	NXP Semiconductor	tpd differs	SN74HCT157D		S	SOIC	16
74HCT157DB	NXP Semiconductor	tpd differs	SN74AHCT157DBR		Q	SSOP	16
74HCT157DB-T	NXP Semiconductor	tpd differs	SN74AHCT157DBR		Q	SSOP	16
74HCT157D-T	NXP Semiconductor		CD74HCT157M96		S	SOIC	16
74HCT157D-T	NXP Semiconductor	tpd differs	SN74HCT157DR		S	SOIC	16
74HCT157N	NXP Semiconductor		CD74HCT157E		S	PDIP	16
74HCT157N	NXP Semiconductor	tpd differs	SN74HCT157N		S	PDIP	16
74HCT157PW	NXP Semiconductor	tpd differs	SN74AHCT157PWR		Q	TSSOP	16
74HCT157PW-T	NXP Semiconductor	tpd differs	SN74AHCT157PWR		Q	TSSOP	16
74HCT158D	NXP Semiconductor	tpd differs	CD74HCT157M		S	SOIC	16
74HCT158D	NXP Semiconductor	tpd differs	SN74AHCT158D		Q	SOIC	16
74HCT158D-T	NXP Semiconductor	tpd differs	SN74AHCT158DR		Q	SOIC	16
74HCT158N	NXP Semiconductor	tpd differs	CD74HCT157E		S	PDIP	16
74HCT158N	NXP Semiconductor		CD74HCT158E		S	PDIP	16
74HCT161D	NXP Semiconductor		CD74HCT161M		S	SOIC	16
74HCT161D-T	NXP Semiconductor		CD74HCT161M96		S	SOIC	16
74HCT161N	NXP Semiconductor		CD74HCT161E		S	PDIP	16
74HCT163D	NXP Semiconductor		CD74HCT163M		S	SOIC	16
74HCT163D-T	NXP Semiconductor		CD74HCT163M96		S	SOIC	16
74HCT163D-T	NXP Semiconductor	tpd differs	CD74HCT163MT		S	SOIC	16
74HCT163N	NXP Semiconductor		CD74HCT163E		S	PDIP	16
74HCT164D	NXP Semiconductor		CD74HCT164M		S	SOIC	14
74HCT164D-T	NXP Semiconductor		CD74HCT164M96		S	SOIC	14
74HCT164N	NXP Semiconductor		CD74HCT164E		S	PDIP	14
74HCT165D	NXP Semiconductor		CD74HCT165M		S	SOIC	16
74HCT165D	NXP Semiconductor	tpd differs	CD74HCT165M96		S	SOIC	16
74HCT165D-T	NXP Semiconductor		CD74HCT165M96		S	SOIC	16
74HCT165D-T	NXP Semiconductor	tpd differs	CD74HCT165MT		S	SOIC	16
74HCT165N	NXP Semiconductor		CD74HCT165E		S	PDIP	16
74HCT166D	NXP Semiconductor		CD74HCT166M		S	SOIC	16
74HCT166D-T	NXP Semiconductor		CD74HCT166M96		S	SOIC	16
74HCT166N	NXP Semiconductor		CD74HCT166E		S	PDIP	16
74HCT173D	NXP Semiconductor		CD74HCT173M		S	SOIC	16
74HCT173D-T	NXP Semiconductor		CD74HCT173M96		S	SOIC	16
74HCT173N	NXP Semiconductor		CD74HCT173E		S	PDIP	16
74HCT174D	NXP Semiconductor		CD74HCT174M		S	SOIC	16
74HCT174D	NXP Semiconductor	tpd differs	CD74HCT174ME4		S	SOIC	16
74HCT174D-T	NXP Semiconductor		CD74HCT174M96		S	SOIC	16
74HCT174D-T	NXP Semiconductor	tpd differs	CD74HCT174M96E4		S	SOIC	16
74HCT174D-T	NXP Semiconductor	tpd differs	CD74HCT174MT		S	SOIC	16
74HCT174D-T	NXP Semiconductor	tpd differs	CD74HCT174MTE4		S	SOIC	16
74HCT174N	NXP Semiconductor		CD74HCT174E		S	PDIP	16
74HCT174PW	NXP Semiconductor		SN74AHCT174PWR		S	TSSOP	16
74HCT174PW-T	NXP Semiconductor		SN74AHCT174PWR		S	TSSOP	16
74HCT175D	NXP Semiconductor		CD74HCT175M		S	SOIC	16
74HCT175D-T	NXP Semiconductor		CD74HCT175M96		S	SOIC	16
74HCT175D-T	NXP Semiconductor	tpd differs	CD74HCT175MT		S	SOIC	16
74HCT175N	NXP Semiconductor		CD74HCT175E		S	PDIP	16
74HCT191D	NXP Semiconductor		CD74HCT191M		S	SOIC	16
74HCT191D-T	NXP Semiconductor		CD74HCT191M	Not available reeled, use tubed	S	SOIC	16

74HCT14PW — 74HCT191D-T

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74HCT191N	NXP Semiconductor		CD74HCT191E		S	PDIP	16
74HCT193N	NXP Semiconductor		CD74HCT193E		S	PDIP	16
74HCT194N	NXP Semiconductor		CD74HCT194E		S	PDIP	16
74HCT1G00GV	NXP Semiconductor		SN74AHCT1G00DBVR		S	SC-74A/SOT753	5
74HCT1G00GW	NXP Semiconductor		SN74AHCT1G00DCKR		S	SC-70	5
74HCT1G00GW-G	NXP Semiconductor	Green	SN74AHCT1G00DCKR		S	SC-70/EIAJSC88	5
74HCT1G02GV	NXP Semiconductor		SN74AHCT1G02DBVR		S	SC-74A/SOT753	5
74HCT1G02GW	NXP Semiconductor		SN74AHCT1G02DCKR		S	SC-70	5
74HCT1G02GW-G	NXP Semiconductor	Green	SN74AHCT1G02DCKR		S	SC-70/EIAJSC88	5
74HCT1G04GV	NXP Semiconductor		SN74AHCT1G04DBVR		S	SC-74A/SOT753	5
74HCT1G04GW	NXP Semiconductor		SN74AHCT1G04DCKR		S	SC-88A	5
74HCT1G04GW-G	NXP Semiconductor	Green	SN74AHCT1G04DCKR		S	SC-70/EIAJSC88	5
74HCT1G08GV	NXP Semiconductor		SN74AHCT1G08DBVR		S	SC-74A/SOT753	5
74HCT1G08GW	NXP Semiconductor		SN74AHCT1G08DCKR		S	SC-70	5
74HCT1G08GW-G	NXP Semiconductor	Green	SN74AHCT1G08DCKR		S	SC-70/EIAJSC88	5
74HCT1G125GV	NXP Semiconductor		SN74AHCT1G125DBVR		S	SC-74A/SOT753	5
74HCT1G125GW	NXP Semiconductor		SN74AHCT1G125DCKR		S	SC-88A	5
74HCT1G125GW-G	NXP Semiconductor	Green	SN74AHCT1G125DCKR		S	SC-70/EIAJSC88	5
74HCT1G126GV	NXP Semiconductor		SN74AHCT1G126DBVR		S	SC-74A/SOT753	5
74HCT1G126GW	NXP Semiconductor		SN74AHCT1G126DCKR		S	SC-70	5
74HCT1G126GW-G	NXP Semiconductor	Green	SN74AHCT1G126DCKR		S	SC-70/EIAJSC88	5
74HCT1G14GV	NXP Semiconductor		SN74AHCT1G14DBVR		S	SC-74A/SOT753	5
74HCT1G14GW	NXP Semiconductor		SN74AHCT1G14DCKR		S	SC-88	5
74HCT1G14GW-G	NXP Semiconductor	Green	SN74AHCT1G14DCKR		S	SC-70/EIAJSC88	5
74HCT1G32GV	NXP Semiconductor		SN74AHCT1G32DBVR		S	SC-74A/SOT753	5
74HCT1G32GW	NXP Semiconductor		SN74AHCT1G32DCKR		S	SOT-353	5
74HCT1G32GW-G	NXP Semiconductor	Green	SN74AHCT1G32DCKR		S	SC-70/EIAJSC88	5
74HCT1G86GV	NXP Semiconductor		SN74AHCT1G86DBVR		S	SC-74A/SOT753	5
74HCT1G86GW	NXP Semiconductor		SN74AHCT1G86DCKR		S	SC-70	5
74HCT1G86GW-G	NXP Semiconductor	Green	SN74AHCT1G86DCKR		S	SC-70/EIAJSC88	5
74HCT20D	NXP Semiconductor		CD74HCT20M		S	SOIC	14
74HCT20D-T	NXP Semiconductor		CD74HCT20M96		S	SOIC	14
74HCT20D-T	NXP Semiconductor		CD74HCT20MT		S	SOIC	14
74HCT20N	NXP Semiconductor		CD74HCT20E		S	PDIP	14
74HCT21D	NXP Semiconductor		CD74HCT21M		S	SOIC	14
74HCT21D-T	NXP Semiconductor		CD74HCT21M96		S	SOIC	14
74HCT21N	NXP Semiconductor		CD74HCT21E		S	PDIP	14
74HCT240D	NXP Semiconductor		CD74HCT240M		S	SOIC	20
74HCT240D	NXP Semiconductor	tpd differs	SN74HCT240DW		S	SOIC	20
74HCT240D-T	NXP Semiconductor		CD74HCT240M96		S	SOIC	20
74HCT240D-T	NXP Semiconductor	tpd differs	SN74HCT240DWR		S	SOIC	20
74HCT240N	NXP Semiconductor		CD74HCT240E		S	PDIP	20
74HCT240PW	NXP Semiconductor	tpd differs	SN74HCT240PW		S	TSSOP	20
74HCT240PW-T	NXP Semiconductor	tpd differs	CD74HCT240PWT		S	TSSOP	20
74HCT240PW-T	NXP Semiconductor	tpd differs	SN74HCT240PWR		S	TSSOP	20
74HCT241D	NXP Semiconductor	Pb-Free	CD74HCT241M		S	SOIC	20
74HCT241D-T	NXP Semiconductor	Pb-Free	CD74HCT241M96		S	SOIC	20
74HCT241N	NXP Semiconductor	Pb-Free	CD74HCT241E		S	PDIP	20
74HCT244DB	NXP Semiconductor	tpd differs	SN74HCT244DBR		S	SSOP	20
74HCT251D	NXP Semiconductor	tpd differs	CD74HCT251M		S	SOIC	16
74HCT251D-T	NXP Semiconductor	tpd differs	CD74HCT251MT		S	SOIC	16
74HCT251N	NXP Semiconductor	tpd differs	CD74HCT251E		S	PDIP	16
74HCT253D	NXP Semiconductor		CD74HCT253M		S	SOIC	16
74HCT253D-T	NXP Semiconductor		CD74HCT253M96		S	SOIC	16
74HCT259D-T	NXP Semiconductor		CD74HCT259M96		S	SOP	16
74HCT259N	NXP Semiconductor		CD74HCT259E		S	PDIP	16
74HCT273D	NXP Semiconductor	tpd differs	CD74HCT273ME4		S	SOIC	20
74HCT273D	NXP Semiconductor	tpd differs	SN74HCT273DW		S	SOIC	20
74HCT273DB	NXP Semiconductor	tpd differs	SN74HCT273DBR		S	SSOP	20
74HCT273DB-T	NXP Semiconductor	tpd differs	SN74HCT273DBR		S	SSOP	20
74HCT273D-T	NXP Semiconductor	tpd differs	CD74HCT273M96E4		S	SOIC	20
74HCT273D-T	NXP Semiconductor	tpd differs	SN74HCT273DWR		S	SOIC	20
74HCT273N	NXP Semiconductor	tpd differs	SN74HCT273N		S	PDIP	20
74HCT27D	NXP Semiconductor		CD74HC27M		S	SOIC	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74HCT27D-T	NXP Semiconductor		CD74HC27M96		S	SOIC	14
74HCT299D	NXP Semiconductor	tpd differs	CD74HCT299M		S	SOIC	20
74HCT299D-T	NXP Semiconductor	tpd differs	CD74HCT299M96		S	SOIC	20
74HCT299N	NXP Semiconductor	tpd differs	CD74HCT299E		S	PDIP	20
74HCT30D	NXP Semiconductor		CD74HCT30M		S	SOIC	14
74HCT30D-T	NXP Semiconductor		CD74HCT30M96		S	SOIC	14
74HCT30D-T	NXP Semiconductor		CD74HCT30MT		S	SOIC	14
74HCT30N	NXP Semiconductor		CD74HCT30E		S	PDIP	14
74HCT32D	NXP Semiconductor		CD74HCT32M		S	SOIC	14
74HCT32DB	NXP Semiconductor	tpd differs	SN74HCT32DBR		S	SSOP	14
74HCT32DB-T	NXP Semiconductor	tpd differs	SN74HCT32DBR		S	SSOP	14
74HCT32D-T	NXP Semiconductor		CD74HCT32M96		S	SOIC	14
74HCT32N	NXP Semiconductor		CD74HCT32E		S	PDIP	14
74HCT32PW	NXP Semiconductor	tpd differs	SN74HCT32PW		S	TSSOP	14
74HCT32PW-T	NXP Semiconductor	tpd differs	SN74HCT32PWR		S	TSSOP	14
74HCT365D	NXP Semiconductor		CD74HCT365M		S	SOIC	16
74HCT365D-T	NXP Semiconductor		CD74HCT365M96		S	SOIC	16
74HCT365D-T	NXP Semiconductor	tpd differs	CD74HCT365MT		S	SOIC	16
74HCT365N	NXP Semiconductor		CD74HCT365E		S	PDIP	16
74HCT367D	NXP Semiconductor		CD74HCT367M		S	SOIC	16
74HCT367D-T	NXP Semiconductor		CD74HCT367M96		S	SOIC	16
74HCT367D-T	NXP Semiconductor	tpd differs	CD74HCT367MT		S	SOIC	16
74HCT367N	NXP Semiconductor		CD74HCT367E		S	PDIP	16
74HCT368D	NXP Semiconductor		CD74HCT368M		S	SOIC	16
74HCT368D-T	NXP Semiconductor		CD74HCT368M96		S	SOIC	16
74HCT368D-T	NXP Semiconductor	tpd differs	CD74HCT368MT		S	SOIC	16
74HCT368N	NXP Semiconductor		CD74HCT368E		S	PDIP	16
74HCT373D	NXP Semiconductor		CD74HCT373M		S	SOIC	20
74HCT373DB	NXP Semiconductor	tpd differs	SN74HCT373DBR		Q	SSOP	20
74HCT373D-T	NXP Semiconductor		CD74HCT373M96		S	SOIC	20
74HCT373D-T	NXP Semiconductor		SN74HCT373DWR		S	SOP	20
74HCT373N	NXP Semiconductor		CD74HCT373E		S	PDIP	20
74HCT373N	NXP Semiconductor		SN74HCT373N		S	PDIP	20
74HCT373PW	NXP Semiconductor		SN74HCT373PW		S	TSSOP	20
74HCT373PW-T	NXP Semiconductor		SN74HCT373PWR		S	TSSOP	20
74HCT374D	NXP Semiconductor		CD74HCT374M		S	SOIC	20
74HCT374D	NXP Semiconductor	tpd differs	CD74HCT374ME4		S	SOIC	20
74HCT374D	NXP Semiconductor	tpd differs	SN74HCT374DW		S	SOIC	20
74HCT374DB	NXP Semiconductor	tpd differs	SN74HCT374DBR		S	SSOP	20
74HCT374DB-T	NXP Semiconductor	tpd differs	SN74HCT374DBR		S	SSOP	20
74HCT374DB-T	NXP Semiconductor	tpd differs	SN74HCT374DBRE4		S	SSOP	20
74HCT374D-T	NXP Semiconductor		CD74HCT374M96		S	SOIC	20
74HCT374D-T	NXP Semiconductor	tpd differs	CD74HCT374M96E4		S	SOIC	20
74HCT374N	NXP Semiconductor		CD74HCT374E		S	PDIP	20
74HCT374PW	NXP Semiconductor	tpd differs	SN74HCT374PW		S	TSSOP	20
74HCT374PW-T	NXP Semiconductor	tpd differs	SN74HCT374PWR		S	TSSOP	20
74HCT377D	NXP Semiconductor		CD74HCT377M		S	SOIC	20
74HCT377D	NXP Semiconductor	tpd differs	SN74HCT377DW		S	SOIC	20
74HCT377D-T	NXP Semiconductor		CD74HCT377M96		S	SOIC	20
74HCT377D-T	NXP Semiconductor	tpd differs	SN74HCT377DWR		S	SOIC	20
74HCT377N	NXP Semiconductor		CD74HCT377E		S	PDIP	20
74HCT377N	NXP Semiconductor	tpd differs	SN74HCT377N		S	PDIP	20
74HCT390D	NXP Semiconductor		CD74HCT390M		S	SOIC	16
74HCT390D-T	NXP Semiconductor		CD74HCT390M96		S	SOIC	16
74HCT390D-T	NXP Semiconductor		CD74HCT390MT		S	SOIC	16
74HCT390N	NXP Semiconductor		CD74HCT390E		S	PDIP	16
74HCT393D	NXP Semiconductor		CD74HCT393M		S	SOIC	14
74HCT393D-T	NXP Semiconductor		CD74HCT393M96		S	SOIC	14
74HCT393D-T	NXP Semiconductor	tpd differs	CD74HCT393MT		S	SOIC	14
74HCT393N	NXP Semiconductor		CD74HCT393E		S	PDIP	14
74HCT393N	NXP Semiconductor	tpd, Vs differ	SN74LS393N		S	PDIP	14
74HCT40103D	NXP Semiconductor		CD74HCT40103M		S	SOIC	16
74HCT40103D-T	NXP Semiconductor		CD74HCT40103M96		S	SOIC	16
74HCT40103D-T	NXP Semiconductor		CD74HCT40103MT		S	SOIC	16

74HCT27D-T — 74HCT40103D-T

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74HCT40103N	NXP Semiconductor		CD74HCT40103E		S	PDIP	16
74HCT40105D	NXP Semiconductor		CD74HCT40105M		S	SOIC	16
74HCT40105D-T	NXP Semiconductor		CD74HCT40105M96		S	SOIC	16
74HCT40105N	NXP Semiconductor		CD74HCT40105E		S	PDIP	16
74HCT4020D	NXP Semiconductor		CD74HCT4020M		S	SOIC	16
74HCT4020D-T	NXP Semiconductor		CD74HCT4020M96		S	SOIC	16
74HCT4020N	NXP Semiconductor		CD74HCT4020E		S	PDIP	16
74HCT4024D	NXP Semiconductor		CD74HCT4024M		S	SOIC	14
74HCT4024D-T	NXP Semiconductor	tpd differs	CD74HCT4024M		S	SOIC	14
74HCT4024N	NXP Semiconductor		CD74HCT4024E		S	PDIP	14
74HCT4040D	NXP Semiconductor		CD74HCT4040M		S	SOIC	16
74HCT4040D-T	NXP Semiconductor		CD74HCT4040M96		S	SOIC	16
74HCT4040D-T	NXP Semiconductor		CD74HCT4040MT		S	SOIC	16
74HCT4040N	NXP Semiconductor		CD74HCT4040E		S	PDIP	16
74HCT4046AD	NXP Semiconductor		CD74HCT4046AM		S	SOIC	16
74HCT4046AD-T	NXP Semiconductor		CD74HCT4046AM96		S	SOIC	16
74HCT4046AN	NXP Semiconductor		CD74HCT4046AE		S	PDIP	16
74HCT4051D	NXP Semiconductor		CD74HCT4051M		S	SOIC	16
74HCT4051D-T	NXP Semiconductor		CD74HCT4051M96		S	SOIC	16
74HCT4051N	NXP Semiconductor		CD74HCT4051E		S	PDIP	16
74HCT4052D	NXP Semiconductor		CD74HCT4052M		S	SOIC	16
74HCT4052D-T	NXP Semiconductor		CD74HCT4052M96		S	SOIC	16
74HCT4052N	NXP Semiconductor		CD74HCT4052E		S	PDIP	16
74HCT4053D	NXP Semiconductor		CD74HCT4053M		S	SOIC	16
74HCT4053D-T	NXP Semiconductor		CD74HCT4053M96		S	SOIC	16
74HCT4053N	NXP Semiconductor		CD74HCT4053E		S	PDIP	16
74HCT4053PW	NXP Semiconductor	Ron, ton, tpd, Vs differ	CD74HCT4053PWR		S	TSSOP	16
74HCT4053PW-T	NXP Semiconductor		CD74HCT4053PWR		S	TSSOP	16
74HCT4060D	NXP Semiconductor		CD74HCT4060M		S	SOIC	16
74HCT4060D-T	NXP Semiconductor		CD74HCT4060M96		S	SOIC	16
74HCT4060D-T	NXP Semiconductor		CD74HCT4060MT		S	SOIC	16
74HCT4060N	NXP Semiconductor		CD74HCT4060E		S	PDIP	16
74HCT4066D	NXP Semiconductor		CD74HCT4066M		S	SOIC	14
74HCT4066D-T	NXP Semiconductor		CD74HCT4066M96		S	SOIC	14
74HCT4066N	NXP Semiconductor		CD74HCT4066E		S	PDIP	14
74HCT4067D	NXP Semiconductor		CD74HCT4067M		S	SOIC	24
74HCT4067D-T	NXP Semiconductor	Ron, toff, ton, Vs differ	CD74HCT4067M		S	SOIC	24
74HCT4075N	NXP Semiconductor		CD74HCT4075E		S	PDIP	14
74HCT4094D	NXP Semiconductor		CD74HCT4094M		S	SOIC	16
74HCT4094D-T	NXP Semiconductor		CD74HCT4094M96		S	SOIC	16
74HCT4094N	NXP Semiconductor		CD74HCT4094E		S	PDIP	16
74HCT423D	NXP Semiconductor	tpd differs	CD74HCT423M96		S	SOIC	16
74HCT423D-T	NXP Semiconductor		CD74HCT423M96		S	SOIC	16
74HCT423N	NXP Semiconductor		CD74HCT423E		S	PDIP	16
74HCT42N	NXP Semiconductor		CD74HCT42E		S	PDIP	16
74HCT4316D	NXP Semiconductor		CD74HCT4316M		S	SOIC	16
74HCT4316D-T	NXP Semiconductor		CD74HCT4316M96		S	SOIC	16
74HCT4316N	NXP Semiconductor		CD74HCT4316E		S	PDIP	16
74HCT4351N	NXP Semiconductor		CD74HCT4351E		S	PDIP	20
74HCT4511N	NXP Semiconductor		CD74HCT4511E		S	PDIP	16
74HCT4514N	NXP Semiconductor		CD74HCT4514E		S	PDIP	24
74HCT4515N	NXP Semiconductor		CD74HCT4515E		S	PDIP	24
74HCT4520D	NXP Semiconductor		CD74HCT4520M		S	SOIC	16
74HCT4520D-T	NXP Semiconductor		CD74HCT4520M96		S	SOIC	16
74HCT4520D-T	NXP Semiconductor		CD74HCT4520MT		S	SOIC	16
74HCT4520N	NXP Semiconductor		CD74HCT4520E		S	PDIP	16
74HCT4538D	NXP Semiconductor		CD74HCT4538M		S	SOIC	16
74HCT4538D-T	NXP Semiconductor		CD74HCT4538M96		S	SOIC	16
74HCT4538N	NXP Semiconductor		CD74HCT4538E		S	PDIP	16
74HCT534N	NXP Semiconductor		CD74HCT534E		S	PDIP	20
74HCT540D	NXP Semiconductor		CD74HCT540M		S	SOIC	20
74HCT540D	NXP Semiconductor	Vs differs	SN74HCT540DW		S	SOIC	20
74HCT540D-T	NXP Semiconductor		CD74HCT540M96		S	SOIC	20
74HCT540D-T	NXP Semiconductor	Vs differs	SN74HCT540DWR		S	SOIC	20

#### Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74HCT540N	NXP Semiconductor		CD74HCT540E		S	PDIP	20
74HCT540N	NXP Semiconductor	Vs differs	SN74HCT540N		S	PDIP	20
74HCT541D	NXP Semiconductor		CD74HCT541M		S	SOIC	20
74HCT541D	NXP Semiconductor	tpd, Vs differ	SN74HCT541DW		S	SOIC	20
74HCT541DB	NXP Semiconductor	tpd differs	SN74HCT541DBR		S	SSOP	20
74HCT541DB-T	NXP Semiconductor	tpd differs	SN74HCT541DBR		S	SSOP	20
74HCT541D-T	NXP Semiconductor		CD74HCT541M96		S	SOIC	20
74HCT541N	NXP Semiconductor		CD74HCT541E		S	PDIP	20
74HCT541PW	NXP Semiconductor	tpd differs	SN74HCT541PW		S	TSSOP	20
74HCT541PW-T	NXP Semiconductor	tpd differs	SN74HCT541PWR		S	TSSOP	20
74HCT563D	NXP Semiconductor		CD74HCT563M		S	SOIC	20
74HCT563D-T	NXP Semiconductor		CD74HCT563M		S	SOP	20
74HCT563N	NXP Semiconductor		CD74HCT563E		S	PDIP	20
74HCT564D	NXP Semiconductor		CD74HCT564M		S	SOIC	20
74HCT564D	NXP Semiconductor	tpd differs	CD74HCT564ME4		S	SOIC	20
74HCT564D-T	NXP Semiconductor		CD74HCT564M		S	SOIC	20
74HCT564N	NXP Semiconductor		CD74HCT564E		S	PDIP	20
74HCT573D	NXP Semiconductor		CD74HCT573M		S	SOIC	20
74HCT573DB	NXP Semiconductor		CD74HCT573DBR		S	SSOP	20
74HCT573DB-T	NXP Semiconductor		CD74HCT573DBR		S	SSOP	20
74HCT573DB-T	NXP Semiconductor		CD74HCT573DBRE4		S	SSOP	20
74HCT573DB-T	NXP Semiconductor		SN74HCT573DBR		S	SSOP	20
74HCT573D-T	NXP Semiconductor		CD74HCT573M96		S	SOIC	20
74HCT573D-T	NXP Semiconductor		CD74HCT573M96E4		S	SOP	20
74HCT573D-T	NXP Semiconductor		SN74HCT573DWR		S	SOP	20
74HCT573N	NXP Semiconductor		CD74HCT573E		S	PDIP	20
74HCT573N	NXP Semiconductor		SN74HCT573N		S	PDIP	20
74HCT573PW	NXP Semiconductor		SN74HCT573PW		S	TSSOP	20
74HCT573PW-T	NXP Semiconductor		SN74HCT573PWR		S	TSSOP	20
74HCT574D	NXP Semiconductor		CD74HCT574M		S	SOIC	20
74HCT574D	NXP Semiconductor	tpd differs	CD74HCT574ME4		S	SOIC	20
74HCT574D	NXP Semiconductor	tpd differs	SN74HCT574DW		S	SOIC	20
74HCT574DB	NXP Semiconductor	tpd differs	SN74HCT574DBR		S	SSOP	20
74HCT574DB-T	NXP Semiconductor	tpd differs	SN74HCT574DBR		S	SSOP	20
74HCT574DB-T	NXP Semiconductor	tpd differs	SN74HCT574DBRE4		S	SSOP	20
74HCT574D-T	NXP Semiconductor		CD74HCT574M96		S	SOIC	20
74HCT574D-T	NXP Semiconductor	tpd differs	CD74HCT574M96E4		S	SOIC	20
74HCT574D-T	NXP Semiconductor	tpd differs	CD74HCT574QM96EP		S	SOIC	20
74HCT574N	NXP Semiconductor		CD74HCT574E		S	PDIP	20
74HCT574PW	NXP Semiconductor	tpd differs	SN74HCT574PW		S	TSSOP	20
74HCT574PW-T	NXP Semiconductor		CD74HCT574PWR		S	TSSOP	20
74HCT574PW-T	NXP Semiconductor	tpd differs	CD74HCT574QPWREP		S	TSSOP	20
74HCT597D	NXP Semiconductor		CD74HCT597M		S	SOIC	16
74HCT597D-T	NXP Semiconductor		CD74HCT597M96		S	SOIC	16
74HCT597N	NXP Semiconductor		CD74HCT597E		S	PDIP	16
74HCT640D	NXP Semiconductor		CD74HCT640M		S	SOIC	20
74HCT640D-T	NXP Semiconductor		CD74HCT640M		S	SOIC	20
74HCT640N	NXP Semiconductor		CD74HCT640E		S	PDIP	20
74HCT646D	NXP Semiconductor		CD74HCT646M96		S	SOIC	24
74HCT646D-T	NXP Semiconductor		CD74HCT646M96		S	SOIC	24
74HCT646N	NXP Semiconductor		SN74HCT646N		S	PDIP	24
74HCT652D	NXP Semiconductor		CD74HCT652M		S	SOIC	24
74HCT652D-T	NXP Semiconductor		CD74HCT652M96		S	SOIC	24
74HCT652N	NXP Semiconductor	tpd differs	SN74HCT652NT		S	PDIP	24
74HCT670D	NXP Semiconductor		CD74HCT670M		S	SOIC	16
74HCT670D-T	NXP Semiconductor		CD74HCT670M96		S	SOIC	16
74HCT670N	NXP Semiconductor		CD74HCT670E		S	PDIP	16
74HCT688D	NXP Semiconductor		CD74HCT688M		S	SOIC	20
74HCT688D-T	NXP Semiconductor		CD74HCT688M96		S	SOIC	20
74HCT688N	NXP Semiconductor		CD74HCT688E		S	PDIP	20
74HCT7046AD	NXP Semiconductor		CD74HCT7046AM		S	SOIC	16
74HCT7046AD-T	NXP Semiconductor		CD74HCT7046AM96		S	SOIC	16
74HCT7046AN	NXP Semiconductor		CD74HCT7046AE		S	PDIP	16
74HCT73D	NXP Semiconductor		CD74HCT73M		S	SOIC	14

74HCT540N — 74HCT73D

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74HCT73D	NXP Semiconductor	tpd differs	CD74HCT73ME4		S	SOIC	14
74HCT73D-T	NXP Semiconductor		CD74HCT73M		S	SOIC	14
74HCT73N	NXP Semiconductor		CD74HCT73E		S	PDIP	14
74HCT74D	NXP Semiconductor	tpd differs	CD74HCT74M		S	SOIC	14
74HCT74D	NXP Semiconductor	tpd differs	CD74HCT74ME4		S	SOIC	14
74HCT74DB	NXP Semiconductor	tpd differs	SN74HCT74D		S	SOIC	14
74HCT74DB-T	NXP Semiconductor	tpd differs	SN74HCT74DBR		S	SSOP	14
74HCT74DB-T	NXP Semiconductor	tpd differs	SN74HCT74DBRE4		S	SSOP	14
74HCT74D-T	NXP Semiconductor	tpd differs	CD74HCT74M96		S	SOIC	14
74HCT74D-T	NXP Semiconductor	tpd differs	CD74HCT74M96E4		S	SOIC	14
74HCT74D-T	NXP Semiconductor	tpd differs	CD74HCT74MT		S	SOIC	14
74HCT74D-T	NXP Semiconductor	tpd differs	CD74HCT74MTE4		S	SOIC	14
74HCT74N	NXP Semiconductor		CD74HCT74E		S	PDIP	14
74HCT74PW	NXP Semiconductor	tpd differs	SN74HCT74PW		S	TSSOP	14
74HCT74PW-T	NXP Semiconductor	tpd differs	SN74HCT74PWR		S	TSSOP	14
74HCT75D	NXP Semiconductor		CD74HCT75M		S	SOIC	16
74HCT75D-T	NXP Semiconductor		CD74HCT75M		S	SOP	16
74HCT75N	NXP Semiconductor		CD74HCT75E		S	PDIP	16
74HCT85D	NXP Semiconductor		CD74HCT85M		S	SOIC	16
74HCT85D-T	NXP Semiconductor		CD74HCT85M96		S	SOIC	16
74HCT85N	NXP Semiconductor		CD74HCT85E		S	PDIP	16
74HCT93N	NXP Semiconductor		CD74HCT93E		S	PDIP	14
74HCU04D	NXP Semiconductor		CD74HCU04M		S	SOIC	14
74HCU04DB	NXP Semiconductor		SN74HCU04DBR		S	SSOP	14
74HCU04DB-T	NXP Semiconductor		SN74HCU04DBR		S	SSOP	14
74HCU04D-T	NXP Semiconductor		CD74HCU04M96		S	SOIC	14
74HCU04N	NXP Semiconductor		CD74HCU04E		S	PDIP	14
74HCU04N	NXP Semiconductor		SN74HCU04N		S	PDIP	14
74LCX00M	Fairchild Semiconductor		SN74LVC00AD		S	SOIC	14
74LCX00M	ST Microelectronics (STM)		SN74LVC00AD		S	SOIC	14
74LCX00MTC	Fairchild Semiconductor		SN74LVC00APW		S	TSSOP	14
74LCX00MTCX	Fairchild Semiconductor		SN74LVC00APWR		S	TSSOP	14
74LCX00MTR	ST Microelectronics (STM)		SN74LVC00ADR		S	SOIC	14
74LCX00MX	Fairchild Semiconductor		SN74LVC00ADR		S	SOIC	14
74LCX00SJ	Fairchild Semiconductor		SN74LVC00ANSR		S	SOP-EIAJ-II	14
74LCX00SJX	Fairchild Semiconductor		SN74LVC00ANSR		S	SOP-EIAJ-II	14
74LCX00TTR	ST Microelectronics (STM)		SN74LVC00APWR		S	TSSOP	14
74LCX02M	Fairchild Semiconductor		SN74LVC02AD		S	SOIC	14
74LCX02M	ST Microelectronics (STM)		SN74LVC02AD		S	SOIC	14
74LCX02MTC	Fairchild Semiconductor		SN74LVC02APW		S	TSSOP	14
74LCX02MTCX	Fairchild Semiconductor		SN74LVC02APWR		S	TSSOP	14
74LCX02MTR	ST Microelectronics (STM)		SN74LVC02ADR		S	SOIC	14
74LCX02MX	Fairchild Semiconductor		SN74LVC02ADR		S	SOIC	14
74LCX02SJ	Fairchild Semiconductor		SN74LVC02ANSR		S	SOP-EIAJ-II	14
74LCX02SJX	Fairchild Semiconductor		SN74LVC02ANSR		S	SOP-EIAJ-II	14
74LCX02TTR	ST Microelectronics (STM)		SN74LVC02APWR		S	TSSOP	14
74LCX04M	Fairchild Semiconductor		SN74LVC04AD		S	SOIC	14
74LCX04M	ST Microelectronics (STM)		SN74LVC04AD		S	SOIC	14
74LCX04MTC	Fairchild Semiconductor		SN74LVC04APW		S	TSSOP	14
74LCX04MTCX	Fairchild Semiconductor		SN74LVC04APWR		S	TSSOP	14
74LCX04MTR	ST Microelectronics (STM)		SN74LVC04ADR		S	SOIC	14
74LCX04MX	Fairchild Semiconductor		SN74LVC04ADR		S	SOIC	14
74LCX04SJ	Fairchild Semiconductor		SN74LVC04ANSR		S	SOP	14
74LCX04SJX	Fairchild Semiconductor		SN74LVC04ANSR		S	SOP-EIAJ-II	14
74LCX04TTR	ST Microelectronics (STM)		SN74LVC04APWR		S	TSSOP	14
74LCX06M	Fairchild Semiconductor		SN74LVC06AD		S	SOIC	14
74LCX06MTC	Fairchild Semiconductor		SN74LVC06APW		S	TSSOP	14
74LCX06MTCX	Fairchild Semiconductor		SN74LVC06APWR		S	TSSOP	14
74LCX06MX	Fairchild Semiconductor		SN74LVC06ADR		S	SOIC	14
74LCX06SJ	Fairchild Semiconductor		SN74LVC06ANSR		S	SOP-EIAJ-II	14
74LCX06SJX	Fairchild Semiconductor		SN74LVC06ANSR		S	SOP-EIAJ-II	14
74LCX07M	Fairchild Semiconductor		SN74LVC07AD		S	SOIC	14
74LCX07M	ST Microelectronics (STM)		SN74LVC07AD		S	SOIC	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LCX07MTC	Fairchild Semiconductor		SN74LVC07APW		S	TSSOP	14
74LCX07MTCX	Fairchild Semiconductor		SN74LVC07APWR		S	TSSOP	14
74LCX07MTR	ST Microelectronics (STM)		SN74LVC07ADR		S	SOIC	14
74LCX07MX	Fairchild Semiconductor		SN74LVC07ADR		S	SOIC	14
74LCX07SJ	Fairchild Semiconductor		SN74LVC07ANSR		S	SOP-EIAJ-II	14
74LCX07SJX	Fairchild Semiconductor		SN74LVC07ANSR		S	SOP-EIAJ-II	14
74LCX07TTR	ST Microelectronics (STM)		SN74LVC07APWR		S	TSSOP	14
74LCX08M	Fairchild Semiconductor		SN74LVC08AD		S	SOIC	14
74LCX08M	ST Microelectronics (STM)		SN74LVC08AD		S	SOIC	14
74LCX08MTC	Fairchild Semiconductor		SN74LVC08APW		S	TSSOP	14
74LCX08MTCX	Fairchild Semiconductor		SN74LVC08APWR		S	TSSOP	14
74LCX08MTR	ST Microelectronics (STM)		SN74LVC08ADR		S	SOIC	14
74LCX08MX	Fairchild Semiconductor		SN74LVC08ADR		S	SOIC	14
74LCX08SJ	Fairchild Semiconductor		SN74LVC08ANSR		S	SOP-EIAJ-II	14
74LCX08SJX	Fairchild Semiconductor		SN74LVC08ANSR		S	SOP-EIAJ-II	14
74LCX08TTR	ST Microelectronics (STM)		SN74LVC08APWR		S	TSSOP	14
74LCX10M	Fairchild Semiconductor		SN74LVC10AD		S	SOIC	14
74LCX10MTC	Fairchild Semiconductor		SN74LVC10APW		S	TSSOP	14
74LCX10MTCX	Fairchild Semiconductor		SN74LVC10APWR		S	TSSOP	14
74LCX10MX	Fairchild Semiconductor		SN74LVC10ADR		S	SOIC	14
74LCX10SJ	Fairchild Semiconductor		SN74LVC10ANSR		S	SOP-EIAJ-II	14
74LCX10SJX	Fairchild Semiconductor		SN74LVC10ANSR		S	SOP-EIAJ-II	14
74LCX112M	Fairchild Semiconductor		SN74LVC112AD		S	SOIC	16
74LCX112MTC	Fairchild Semiconductor		SN74LVC112APW		S	TSSOP	16
74LCX112MTCX	Fairchild Semiconductor		SN74LVC112APWR		S	TSSOP	16
74LCX112MX	Fairchild Semiconductor		SN74LVC112ADR		S	SOIC	16
74LCX112SJ	Fairchild Semiconductor		SN74LVC112ANSR		S	SOP-EIAJ-II	16
74LCX112SJX	Fairchild Semiconductor		SN74LVC112ANSR		S	SOP-EIAJ-II	16
74LCX125M	Fairchild Semiconductor		SN74LVC125AD	O/P Not 5V tolerant	S	SOIC	14
74LCX125M	ST Microelectronics (STM)		SN74LVC125AD	O/P Not 5V tolerant	S	SOIC	14
74LCX125MTC	Fairchild Semiconductor		SN74LVC125APW		S	TSSOP	14
74LCX125MTCX	Fairchild Semiconductor		SN74LVC125APWR	O/P Not 5V tolerant	S	TSSOP	14
74LCX125MTR	ST Microelectronics (STM)		SN74LVC125ADR	O/P Not 5V tolerant	S	SOIC	14
74LCX125MX	Fairchild Semiconductor		SN74LVC125ADR	O/P Not 5V tolerant	S	SOIC	14
74LCX125SJ	Fairchild Semiconductor		SN74LVC125ANSR	O/P Not 5V tolerant	S	SOP-EIAJ-II	14
74LCX125SJX	Fairchild Semiconductor		SN74LVC125ANSR	O/P Not 5V tolerant	S	SOP-EIAJ-II	14
74LCX125TTR	ST Microelectronics (STM)		SN74LVC125APWR	O/P Not 5V tolerant	S	TSSOP	14
74LCX126M	Fairchild Semiconductor		SN74LVC126AD	O/P Not 5V tolerant	S	SOIC	14
74LCX126MTC	Fairchild Semiconductor		SN74LVC126APW		S	TSSOP	14
74LCX126MTCX	Fairchild Semiconductor		SN74LVC126APWR	O/P Not 5V tolerant	S	TSSOP	14
74LCX126MX	Fairchild Semiconductor		SN74LVC126ADR	O/P Not 5V tolerant	S	SOIC	14
74LCX126SJ	Fairchild Semiconductor		SN74LVC126ANSR	O/P Not 5V tolerant	S	SOP-EIAJ-II	14
74LCX126SJX	Fairchild Semiconductor		SN74LVC126ANSR	O/P Not 5V tolerant	S	SOP-EIAJ-II	14
74LCX138M	Fairchild Semiconductor		SN74LVC138AD		S	SOIC	16
74LCX138M	ST Microelectronics (STM)		SN74LVC138AD		S	SOIC	16
74LCX138MTC	Fairchild Semiconductor		SN74LVC138APW		S	TSSOP	16
74LCX138MTCX	Fairchild Semiconductor		SN74LVC138APWR		S	TSSOP	16
74LCX138MTR	ST Microelectronics (STM)		SN74LVC138ADR		S	SOIC	16
74LCX138MX	Fairchild Semiconductor		SN74LVC138ADR		S	SOIC	16
74LCX138SJ	Fairchild Semiconductor	IP tolerance, tpd differ	SN74LVC138ANSR		S	SOP	16
74LCX138SJX	Fairchild Semiconductor		SN74LVC138ANSR		S	SOP-EIAJ-II	16
74LCX138TTR	ST Microelectronics (STM)		SN74LVC138APWR		S	TSSOP	16
74LCX139M	ST Microelectronics (STM)		SN74LVC139AD		S	SOIC	16
74LCX139MTR	ST Microelectronics (STM)		SN74LVC139ADR		S	SOIC	16
74LCX139TTR	ST Microelectronics (STM)		SN74LVC139APWR		S	TSSOP	16
74LCX14M	Fairchild Semiconductor		SN74LVC14AD		S	SOIC	14
74LCX14M	ST Microelectronics (STM)		SN74LVC14AD		S	SOIC	14
74LCX14MTC	Fairchild Semiconductor		SN74LVC14APW		S	TSSOP	14
74LCX14MTCX	Fairchild Semiconductor		SN74LVC14APWR		S	TSSOP	14
74LCX14MTR	ST Microelectronics (STM)		SN74LVC14ADR		S	SOIC	14
74LCX14MX	Fairchild Semiconductor		SN74LVC14ADR		S	SOIC	14
74LCX14SJ	Fairchild Semiconductor		SN74LVC14ANSR		S	SOP	14
74LCX14SJX	Fairchild Semiconductor		SN74LVC14ANSR		S	SOP-EIAJ-II	14
74LCX14TTR	ST Microelectronics (STM)		SN74LVC14APWR		S	TSSOP	14

74LCX07MTC — 74LCX14TTR

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LCX157M	Fairchild Semiconductor		SN74LVC157AD		S	SOIC	16
74LCX157M	ST Microelectronics (STM)		SN74LVC157AD		S	SOIC	16
74LCX157M	Fairchild Semiconductor	IP tolerance, tpd differ	SN74LVC157ANSR		S	SOIC	16
74LCX157MTC	Fairchild Semiconductor		SN74LVC157APW		S	TSSOP	16
74LCX157MTCX	Fairchild Semiconductor		SN74LVC157APWR		S	TSSOP	16
74LCX157MTR	ST Microelectronics (STM)		SN74LVC157ADR		S	SOIC	16
74LCX157MX	Fairchild Semiconductor		SN74LVC157ADR		S	SOIC	16
74LCX157MX	Fairchild Semiconductor	IP tolerance, tpd differ	SN74LVC157ANSR		S	SOIC	16
74LCX157SJ	Fairchild Semiconductor	IP tolerance, tpd differ	SN74LVC157ANSR		S	SOP	16
74LCX157SJX	Fairchild Semiconductor		SN74LVC157ANSR		S	SOP-EIAJ-II	16
74LCX157TTR	ST Microelectronics (STM)		SN74LVC157APWR		S	TSSOP	16
74LCX162244GX	Fairchild Semiconductor		SN74LVC162244AGRDR		S	BGA	54
74LCX162244MEA	Fairchild Semiconductor		SN74LVC162244ADL		S	SSOP	48
74LCX162244MEAX	Fairchild Semiconductor		SN74LVC162244ADLR		S	SSOP	48
74LCX162244MTD	Fairchild Semiconductor		SN74LVC162244ADGGR		S	TSSOP	48
74LCX162244MTDX	Fairchild Semiconductor		SN74LVC162244ADGGR		S	TSSOP	48
74LCX162244TTR	ST Microelectronics (STM)		SN74LVC162244ADGGR		S	TSSOP	48
74LCX162373MTD	Fairchild Semiconductor	Vs differs	SN74LVC16373ADGGR		S	TSSOP	48
74LCX162373MTDX	Fairchild Semiconductor	Vs differs	SN74LVC16373ADGGR		S	TSSOP	48
74LCX16240MEA	Fairchild Semiconductor	No bus-hold	SN74LVCH16240ADL	Bus-hold	Q	SSOP	48
74LCX16240MEAX	Fairchild Semiconductor	No bus-hold	SN74LVCH16240ADLR	Bus-hold	Q	SSOP	48
74LCX16240MTD	Fairchild Semiconductor	No bus-hold	SN74LVCH16240ADGGR	Bus-hold	Q	TSSOP	48
74LCX16240MTDX	Fairchild Semiconductor	No bus-hold	SN74LVCH16240ADGGR	Bus-hold	Q	TSSOP	48
74LCX16240TTR	ST Microelectronics (STM)	No bus-hold	SN74LVCH16240ADGGR	Bus-hold	Q	TSSOP	48
74LCX16244G	Fairchild Semiconductor	Tray	SN74LVC16244AGRDR	Not available tubed/trays, use reeled	S	BGA	54
74LCX16244GX	Fairchild Semiconductor	Tray, Vs, I/O tolerance differ	SN74LVC16244AZRDR		S	FBGA	54
74LCX16244GX	Fairchild Semiconductor	tpd, Vs, I/O tolerance differ	SN74LVC16244AGRDR		S	BGA	54
74LCX16244GX	Fairchild Semiconductor	tpd, Vs, I/O tolerance differ	SN74LVC16244AZRDR		S	FBGA	54
74LCX16244MEA	Fairchild Semiconductor		SN74LVC16244ADL		S	SSOP	48
74LCX16244MEAX	Fairchild Semiconductor		SN74LVC16244ADLR		S	SSOP	48
74LCX16244MTD	Fairchild Semiconductor		SN74LVC16244ADGGR		S	TSSOP	48
74LCX16244MTDX	Fairchild Semiconductor		SN74LVC16244ADGGR		S	TSSOP	48
74LCX16244MTDX_NL	Fairchild Semiconductor	Pb-Free	SN74LVC16244ADGGR		S	TSSOP	48
74LCX16244TTR	ST Microelectronics (STM)		SN74LVC16244ADGGR		S	TSSOP	48
74LCX16245G	Fairchild Semiconductor	Tray	SN74LVC16245AGRDR	Not available tubed/trays, use reeled	S	BGA	54
74LCX16245GX	Fairchild Semiconductor		SN74LVC16245AGRDR		S	BGA	54
74LCX16245GX	Fairchild Semiconductor	IP tolerance, tpd differ	SN74LVC16245AZRDR		S	FBGA	54
74LCX16245MEA	Fairchild Semiconductor		SN74LVC16245ADL		S	SSOP	48
74LCX16245MEAX	Fairchild Semiconductor		SN74LVC16245ADLR		S	SSOP	48
74LCX16245MTD	Fairchild Semiconductor	IP tolerance, tpd differ	SN74LVC16245ADGGR		S	TSSOP	48
74LCX16245MTDX	Fairchild Semiconductor		SN74LVC16245ADGGR		S	TSSOP	48
74LCX16245MTDX_NL	Fairchild Semiconductor	Pb-Free	SN74LVC16245ADGGR		S	TSSOP	48
74LCX16245TTR	ST Microelectronics (STM)		SN74LVC16245ADGGR		S	TSSOP	48
74LCX16373G	Fairchild Semiconductor	Tray	SN74LVC16373AGRDR		S	BGA	54
74LCX16373GX	Fairchild Semiconductor		SN74LVC16373AGRDR		S	BGA	54
74LCX16373MEA	Fairchild Semiconductor		SN74LVC16373ADL	Higher lin	S	SSOP	48
74LCX16373MEAX	Fairchild Semiconductor		SN74LVC16373ADLR	Higher lin	S	SSOP	48
74LCX16373MTD	Fairchild Semiconductor		SN74LVC16373ADGGR		S	TSSOP	48
74LCX16373MTDX	Fairchild Semiconductor		SN74LVC16373ADGGR	Higher lin	S	TSSOP	48
74LCX16373MTDX_NL	Fairchild Semiconductor	Pb-Free	SN74LVC16373ADGGR	Higher lin	S	TSSOP	48
74LCX16373T	ST Microelectronics (STM)		SN74LVC16373ADGGR		S	TSSOP	48
74LCX16373T	ST Microelectronics (STM)	tpd, Vs differ	SN74LVC16373DGGGR		S	TSSOP	48
74LCX16373TTR	ST Microelectronics (STM)		SN74LVC16373ADGGR		S	TSSOP	48
74LCX16374G	Fairchild Semiconductor	Tray	SN74LVC16374AGRDR	Not available tubed/trays, use reeled	S	BGA	54
74LCX16374G	Fairchild Semiconductor		SN74LVC16374AZRDR		S	FBGA	54
74LCX16374GX	Fairchild Semiconductor		SN74LVC16374AGRDR		S	BGA	54
74LCX16374GX	Fairchild Semiconductor		SN74LVC16374AZRDR		S	FBGA	54
74LCX16374MEA	Fairchild Semiconductor		SN74LVC16374ADL		S	SSOP	48
74LCX16374MEAX	Fairchild Semiconductor		SN74LVC16374ADLR		S	SSOP	48
74LCX16374MTD	Fairchild Semiconductor		SN74LVC16374ADGGR		S	TSSOP	48
74LCX16374MTDX	Fairchild Semiconductor		SN74LVC16374ADGGR		S	TSSOP	48
74LCX16374TTR	ST Microelectronics (STM)		SN74LVC16374ADGGR		S	TSSOP	48
74LCX16541TTR	ST Microelectronics (STM)	No bus-hold	SN74LVCH16541ADGGR	Bus-hold	Q	TSSOP	48
74LCX16543MEA	Fairchild Semiconductor	No bus-hold	SN74LVCH16543ADL	Bus-hold, higher lin	Q	SSOP	56

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LCX16543MEAX	Fairchild Semiconductor	No bus-hold	SN74LVCH16543ADLR	Bus-hold, higher lin	Q	SSOP	56
74LCX16543MTD	Fairchild Semiconductor	No bus-hold	SN74LVCH16543ADGGR	Bus-hold, higher lin,	Q	TSSOP	56
74LCX16543MTDX	Fairchild Semiconductor	No bus-hold	SN74LVCH16543ADGGR	Bus-hold, higher lin	Q	TSSOP	56
74LCX16646MEA	Fairchild Semiconductor		SN74LVC16646ADL		S	SSOP	56
74LCX16646MEAX	Fairchild Semiconductor		SN74LVC16646ADLR		S	SSOP	56
74LCX16646MTD	Fairchild Semiconductor	I/P tolerance differs	SN74LVC16646ADGGR		S	TSSOP	56
74LCX16646MTDX	Fairchild Semiconductor		SN74LVC16646ADGGR		S	TSSOP	56
74LCX16652MEA	Fairchild Semiconductor	No bus-hold	SN74LVCH16652ADL	Bus-hold	Q	SSOP	56
74LCX16652MEAX	Fairchild Semiconductor	No bus-hold	SN74LVCH16652ADLR	Bus-hold	Q	SSOP	56
74LCX16652MTD	Fairchild Semiconductor	No bus-hold	SN74LVCH16652ADGGR	Bus-hold	Q	TSSOP	56
74LCX16652MTDX	Fairchild Semiconductor	No bus-hold	SN74LVCH16652ADGGR	Bus-hold	Q	TSSOP	56
74LCX2244MSA	Fairchild Semiconductor		SN74LVC2244ADBR		S	SSOP	20
74LCX2244MSAX	Fairchild Semiconductor		SN74LVC2244ADBR		S	SSOP	20
74LCX2244MTC	Fairchild Semiconductor		SN74LVC2244APW		S	TSSOP	20
74LCX2244MTCX	Fairchild Semiconductor		SN74LVC2244APWR		S	TSSOP	20
74LCX2244SJ	Fairchild Semiconductor		SN74LVC2244ANSR		S	SOP-EIAJ-II	20
74LCX2244SJX	Fairchild Semiconductor		SN74LVC2244ANSR		S	SOP-EIAJ-II	20
74LCX2244WM	Fairchild Semiconductor		SN74LVC2244ADW		S	SOIC	20
74LCX2244WMX	Fairchild Semiconductor		SN74LVC2244ADWR		S	SOIC	20
74LCX240M	ST Microelectronics (STM)		SN74LVC240ADW		S	SOIC	16
74LCX240MSA	Fairchild Semiconductor		SN74LVC240ADBR		S	SSOP	20
74LCX240MSAX	Fairchild Semiconductor		SN74LVC240ADBR		S	SSOP	20
74LCX240MTC	Fairchild Semiconductor		SN74LVC240APW		S	TSSOP	20
74LCX240MTCX	Fairchild Semiconductor		SN74LVC240APWR		S	TSSOP	20
74LCX240MTR	ST Microelectronics (STM)		SN74LVC240ADWR		S	SOIC	16
74LCX240SJ	Fairchild Semiconductor		SN74LVC240ANSR		S	SOP-EIAJ-II	20
74LCX240SJX	Fairchild Semiconductor		SN74LVC240ANSR		S	SOP-EIAJ-II	20
74LCX240TTR	ST Microelectronics (STM)		SN74LVC240APWR		S	TSSOP	16
74LCX240WM	Fairchild Semiconductor		SN74LVC240ADW		S	SOIC	20
74LCX240WMX	Fairchild Semiconductor		SN74LVC240ADWR		S	SOIC	20
74LCX244M	ST Microelectronics (STM)		SN74LVC244ADW		S	SOIC	20
74LCX244MSA	Fairchild Semiconductor		SN74LVC244ADBR		S	SSOP	20
74LCX244MSAX	Fairchild Semiconductor		SN74LVC244ADBR		S	SSOP	20
74LCX244MTC	Fairchild Semiconductor		SN74LVC244APW		S	TSSOP	20
74LCX244MTCX	Fairchild Semiconductor		SN74LVC244APWR		S	TSSOP	20
74LCX244MTR	ST Microelectronics (STM)		SN74LVC244ADWR		S	SOIC	20
74LCX244SJ	Fairchild Semiconductor		SN74LVC244ANSR		S	SOP-EIAJ-II	20
74LCX244SJX	Fairchild Semiconductor		SN74LVC244ANSR		S	SOP-EIAJ-II	20
74LCX244TTR	ST Microelectronics (STM)		SN74LVC244APWR		S	TSSOP	20
74LCX244WM	Fairchild Semiconductor		SN74LVC244ADW		S	SOIC	20
74LCX244WMX	Fairchild Semiconductor		SN74LVC244ADWR		S	SOIC	20
74LCX245M	ST Microelectronics (STM)		SN74LVC245ADW		S	SOIC	20
74LCX245MSA	Fairchild Semiconductor	tpd differs	SN74LVC245ADBR		S	SSOP	20
74LCX245MSAX	Fairchild Semiconductor		SN74LVC245ADBR		S	SSOP	20
74LCX245MTC	Fairchild Semiconductor		SN74LVC245APW		S	TSSOP	20
74LCX245MTCX	Fairchild Semiconductor		SN74LVC245APWR		S	TSSOP	20
74LCX245MTR	ST Microelectronics (STM)		SN74LVC245ADWR		S	SOIC	20
74LCX245SJ	Fairchild Semiconductor	tpd differs	SN74LVC245ANSR		S	SOP	20
74LCX245SJX	Fairchild Semiconductor		SN74LVC245ANSR		S	SOP-EIAJ-II	20
74LCX245TTR	ST Microelectronics (STM)		SN74LVC245APWR		S	TSSOP	20
74LCX245WM	Fairchild Semiconductor		SN74LVC245ADW		S	SOIC	20
74LCX245WMX	Fairchild Semiconductor		SN74LVC245ADWR		S	SOIC	20
74LCX257M	Fairchild Semiconductor		SN74LVC257AD		S	SOIC	16
74LCX257M	ST Microelectronics (STM)		SN74LVC257AD		S	SOIC	16
74LCX257MTC	Fairchild Semiconductor		SN74LVC257APW		S	TSSOP	16
74LCX257MTCX	Fairchild Semiconductor		SN74LVC257APWR		S	TSSOP	16
74LCX257MTR	ST Microelectronics (STM)		SN74LVC257ADR		S	SOIC	16
74LCX257MX	Fairchild Semiconductor		SN74LVC257ADR		S	SOIC	16
74LCX257SJ	Fairchild Semiconductor	IP tolerance, tpd differ	SN74LVC257ANSR		S	SOP	16
74LCX257SJX	Fairchild Semiconductor		SN74LVC257ANSR		S	SOP-EIAJ-II	16
74LCX257TTR	ST Microelectronics (STM)		SN74LVC257APWR		S	TSSOP	16
74LCX32244G	Fairchild Semiconductor	tpd, Vs differ	SN74LVC32244GKER		S	FBGA	96
74LCX32244GX	Fairchild Semiconductor		SN74LVC32244GKER		S	LFBGA	96
74LCX32244GX	Fairchild Semiconductor	tpd, Vs differ	SN74LVC32244ZKER		S	FBGA	96

74LCX16543MEAX — 74LCX32244GX

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LCX32245GX	Fairchild Semiconductor		SN74LVC32245GKER		S	LFBGA	96
74LCX32373GX	Fairchild Semiconductor	Discontinued	SN74LVC32373AGKER		S	LFBGA	96
74LCX32374GX	Fairchild Semiconductor	Preliminary	SN74LVC32374AGKER		S	LFBGA	96
74LCX32374GX	Fairchild Semiconductor	tpd differs	SN74LVC32374AZKER		S	FBGA	96
74LCX32M	Fairchild Semiconductor		SN74LVC32AD		S	SOIC	14
74LCX32M	ST Microelectronics (STM)		SN74LVC32AD		S	SOIC	14
74LCX32MTC	Fairchild Semiconductor		SN74LVC32APW		S	TSSOP	14
74LCX32MTCX	Fairchild Semiconductor		SN74LVC32APWR		S	TSSOP	14
74LCX32MTR	ST Microelectronics (STM)		SN74LVC32ADR		S	SOIC	14
74LCX32MX	Fairchild Semiconductor		SN74LVC32ADR		S	SOIC	14
74LCX32SJ	Fairchild Semiconductor		SN74LVC32ANSR		S	SOP-EIAJ-II	14
74LCX32SJX	Fairchild Semiconductor		SN74LVC32ANSR		S	SOP-EIAJ-II	14
74LCX32TTR	ST Microelectronics (STM)		SN74LVC32APWR		S	TSSOP	14
74LCX373M	ST Microelectronics (STM)		SN74LVC373ADW		S	SOIC	20
74LCX373M	ST Microelectronics (STM)		SN74LVC373ANSR		S	SOP	20
74LCX373MSA	Fairchild Semiconductor		SN74LVC373ADBR		S	SSOP	20
74LCX373MSAX	Fairchild Semiconductor		SN74LVC373ADBR		S	SSOP	20
74LCX373MTC	Fairchild Semiconductor		SN74LVC373APW		S	TSSOP	20
74LCX373MTCX	Fairchild Semiconductor		SN74LVC373APWR		S	TSSOP	20
74LCX373MTR	ST Microelectronics (STM)		SN74LVC373ADWR		S	SOIC	20
74LCX373SJ	Fairchild Semiconductor		SN74LVC373ANSR		S	SOP	20
74LCX373SJX	Fairchild Semiconductor		SN74LVC373ANSR		S	SOP-EIAJ-II	20
74LCX373T	ST Microelectronics (STM)		SN74LVC373APW		S	TSSOP	20
74LCX373TTR	ST Microelectronics (STM)		SN74LVC373APWR		S	TSSOP	20
74LCX373WM	Fairchild Semiconductor		SN74LVC373ADW		S	SOIC	20
74LCX373WMX	Fairchild Semiconductor		SN74LVC373ADWR		S	SOIC	20
74LCX374M	ST Microelectronics (STM)		SN74LVC374ADW		S	SOIC	20
74LCX374MSA	Fairchild Semiconductor		SN74LVC374ADBR		S	SSOP	20
74LCX374MSAX	Fairchild Semiconductor		SN74LVC374ADBR		S	SSOP	20
74LCX374MTC	Fairchild Semiconductor		SN74LVC374APW		S	TSSOP	20
74LCX374MTCX	Fairchild Semiconductor		SN74LVC374APWR		S	TSSOP	20
74LCX374MTR	ST Microelectronics (STM)		SN74LVC374ADWR		S	SOIC	20
74LCX374SJ	Fairchild Semiconductor		SN74LVC374ANSR		S	SOP-EIAJ-II	20
74LCX374SJX	Fairchild Semiconductor		SN74LVC374ANSR		S	SOP-EIAJ-II	20
74LCX374TTR	ST Microelectronics (STM)		SN74LVC374APWR		S	TSSOP	20
74LCX374WM	Fairchild Semiconductor		SN74LVC374ADW		S	SOIC	20
74LCX374WMX	Fairchild Semiconductor		SN74LVC374ADWR		S	SOIC	20
74LCX540M	ST Microelectronics (STM)		SN74LVC540ADW		S	SOIC	20
74LCX540MSA	Fairchild Semiconductor		SN74LVC540ADBR		S	SSOP	20
74LCX540MSAX	Fairchild Semiconductor		SN74LVC540ADBR		S	SSOP	20
74LCX540MTC	Fairchild Semiconductor		SN74LVC540APW		S	TSSOP	20
74LCX540MTCX	Fairchild Semiconductor		SN74LVC540APWR		S	TSSOP	20
74LCX540MTR	ST Microelectronics (STM)		SN74LVC540ADWR		S	SOIC	20
74LCX540SJ	Fairchild Semiconductor		SN74LVC540ANSR		S	SOP-EIAJ-II	20
74LCX540SJX	Fairchild Semiconductor		SN74LVC540ANSR		S	SOP-EIAJ-II	20
74LCX540TTR	ST Microelectronics (STM)		SN74LVC540APWR		S	TSSOP	20
74LCX540WM	Fairchild Semiconductor		SN74LVC540ADW		S	SOIC	20
74LCX540WMX	Fairchild Semiconductor		SN74LVC540ADWR		S	SOIC	20
74LCX541M	ST Microelectronics (STM)		SN74LVC541ADW		S	SOIC	20
74LCX541MSA	Fairchild Semiconductor		SN74LVC541ADBR		S	SSOP	20
74LCX541MSAX	Fairchild Semiconductor		SN74LVC541ADBR		S	SSOP	20
74LCX541MTC	Fairchild Semiconductor	tpd differs	SN74LVC541APW		S	TSSOP	20
74LCX541MTCX	Fairchild Semiconductor	tpd, Vs differ	SN74LVC541APWR		S	TSSOP	20
74LCX541MTR	ST Microelectronics (STM)		SN74LVC541ADWR		S	SOIC	20
74LCX541SJ	Fairchild Semiconductor		SN74LVC541ANSR		S	SOP-EIAJ-II	20
74LCX541SJX	Fairchild Semiconductor		SN74LVC541ANSR		S	SOP-EIAJ-II	20
74LCX541TTR	ST Microelectronics (STM)		SN74LVC541APWR		S	TSSOP	20
74LCX541WM	Fairchild Semiconductor		SN74LVC541ADW		S	SOIC	20
74LCX541WMX	Fairchild Semiconductor		SN74LVC541ADWR		S	SOIC	20
74LCX543MSA	Fairchild Semiconductor	I/P tolerance differs	SN74LVC543ADBR		S	SSOP	24
74LCX543MSAX	Fairchild Semiconductor		SN74LVC543ADBR		S	SSOP	24
74LCX543MTC	Fairchild Semiconductor		SN74LVC543APW		S	TSSOP	24
74LCX543MTCX	Fairchild Semiconductor		SN74LVC543APWR		S	TSSOP	24
74LCX543WM	Fairchild Semiconductor		SN74LVC543ADW		S	SOIC	24

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LCX543WMX	Fairchild Semiconductor		SN74LVC543ADWR		S	SOIC	24
74LCX573M	ST Microelectronics (STM)		SN74LVC573ADW		S	SOIC	20
74LCX573M	ST Microelectronics (STM)		SN74LVC573ANSR		S	SOP	20
74LCX573MSA	Fairchild Semiconductor		SN74LVC573ADBR		S	SSOP	20
74LCX573MSAX	Fairchild Semiconductor		SN74LVC573ADBR		S	SSOP	20
74LCX573MTC	Fairchild Semiconductor		SN74LVC573APW		S	TSSOP	20
74LCX573MTCX	Fairchild Semiconductor		SN74LVC573APWR		S	TSSOP	20
74LCX573MTR	ST Microelectronics (STM)		SN74LVC573ADWR		S	SOIC	20
74LCX573SJ	Fairchild Semiconductor		SN74LVC573ANSR		S	SOP	20
74LCX573SJX	Fairchild Semiconductor		SN74LVC573ANSR		S	SOP-EIAJ-II	20
74LCX573T	ST Microelectronics (STM)		SN74LVC573APW		S	TSSOP	20
74LCX573TTR	ST Microelectronics (STM)		SN74LVC573APWR		S	TSSOP	20
74LCX573WM	Fairchild Semiconductor		SN74LVC573ADW		S	SOIC	20
74LCX573WMX	Fairchild Semiconductor		SN74LVC573ADWR		S	SOIC	20
74LCX574M	ST Microelectronics (STM)		SN74LVC574ADW		S	SOIC	20
74LCX574MSA	Fairchild Semiconductor		SN74LVC574ADBR		S	SSOP	20
74LCX574MSAX	Fairchild Semiconductor		SN74LVC574ADBR		S	SSOP	20
74LCX574MTC	Fairchild Semiconductor		SN74LVC574APW		S	TSSOP	20
74LCX574MTCX	Fairchild Semiconductor		SN74LVC574APWR		S	TSSOP	20
74LCX574MTR	ST Microelectronics (STM)		SN74LVC574ADWR		S	SOIC	20
74LCX574SJ	Fairchild Semiconductor		SN74LVC574ANSR		S	SOP-EIAJ-II	20
74LCX574SJX	Fairchild Semiconductor		SN74LVC574ANSR		S	SOP-EIAJ-II	20
74LCX574TTR	ST Microelectronics (STM)		SN74LVC574APWR		S	TSSOP	20
74LCX574WM	Fairchild Semiconductor		SN74LVC574ADW		S	SOIC	20
74LCX574WMX	Fairchild Semiconductor		SN74LVC574ADWR		S	SOIC	20
74LCX646M	ST Microelectronics (STM)		SN74LVC646ADW		S	SOIC	24
74LCX646MSA	Fairchild Semiconductor	tpd differs	SN74LVC646ADBR		S	SSOP	24
74LCX646MSAX	Fairchild Semiconductor		SN74LVC646ADBR		S	SSOP	24
74LCX646MTC	Fairchild Semiconductor		SN74LVC646APW		S	TSSOP	24
74LCX646MTCX	Fairchild Semiconductor		SN74LVC646APWR		S	TSSOP	24
74LCX646MTR	ST Microelectronics (STM)		SN74LVC646ADWR		S	SOIC	24
74LCX646TTR	ST Microelectronics (STM)		SN74LVC646APWR		S	TSSOP	24
74LCX646WM	Fairchild Semiconductor		SN74LVC646ADW		S	SOIC	24
74LCX646WMX	Fairchild Semiconductor		SN74LVC646ADWR		S	SOIC	24
74LCX652M	ST Microelectronics (STM)		SN74LVC652ADW		S	SOIC	24
74LCX652MSA	Fairchild Semiconductor	IP tolerance, tpd differ	SN74LVC652ADBR		S	SSOP	24
74LCX652MSAX	Fairchild Semiconductor		SN74LVC652ADBR		S	SSOP	24
74LCX652MTC	Fairchild Semiconductor		SN74LVC652APW		S	TSSOP	24
74LCX652MTCX	Fairchild Semiconductor		SN74LVC652APWR		S	TSSOP	24
74LCX652MTR	ST Microelectronics (STM)		SN74LVC652ADWR		S	SOIC	24
74LCX652T	ST Microelectronics (STM)	IP tolerance, tpd differ	SN74LVC652APW		S	TSSOP	24
74LCX652TTR	ST Microelectronics (STM)		SN74LVC652APWR		S	TSSOP	24
74LCX652WM	Fairchild Semiconductor		SN74LVC652ADW		S	SOIC	24
74LCX652WMX	Fairchild Semiconductor		SN74LVC652ADWR		S	SOIC	24
74LCX74M	Fairchild Semiconductor		SN74LVC74AD		S	SOIC	14
74LCX74M	ST Microelectronics (STM)		SN74LVC74AD		S	SOIC	14
74LCX74MTC	Fairchild Semiconductor		SN74LVC74APW		S	TSSOP	14
74LCX74MTCX	Fairchild Semiconductor		SN74LVC74APWR		S	TSSOP	14
74LCX74MTR	ST Microelectronics (STM)		SN74LVC74ADR		S	SOIC	14
74LCX74MX	Fairchild Semiconductor		SN74LVC74ADR		S	SOIC	14
74LCX74SJ	Fairchild Semiconductor		SN74LVC74ANSR		S	SOP-EIAJ-II	14
74LCX74SJX	Fairchild Semiconductor		SN74LVC74ANSR		S	SOP-EIAJ-II	14
74LCX74TTR	ST Microelectronics (STM)		SN74LVC74APWR		S	TSSOP	14
74LCX821MSA	Fairchild Semiconductor		SN74LVC821ADBR		S	SSOP	24
74LCX821MSAX	Fairchild Semiconductor		SN74LVC821ADBR		S	SSOP	24
74LCX821MTC	Fairchild Semiconductor		SN74LVC821APW		S	TSSOP	24
74LCX821MTCX	Fairchild Semiconductor		SN74LVC821APWR		S	TSSOP	24
74LCX821WM	Fairchild Semiconductor		SN74LVC821ADW		S	SOIC	24
74LCX821WMX	Fairchild Semiconductor		SN74LVC821ADWR		S	SOIC	24
74LCX841MSA	Fairchild Semiconductor		SN74LVC841ADBR		S	SSOP	24
74LCX841MSAX	Fairchild Semiconductor		SN74LVC841ADBR		S	SSOP	24
74LCX841MTC	Fairchild Semiconductor		SN74LVC841APW		S	TSSOP	24
74LCX841MTCX	Fairchild Semiconductor		SN74LVC841APWR		S	TSSOP	24
74LCX841WM	Fairchild Semiconductor		SN74LVC841ADW		S	SOIC	24

74LCX543WMX — 74LCX841WM

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LCX841WMX	Fairchild Semiconductor		SN74LVC841ADWR		S	SOIC	24
74LCX86M	Fairchild Semiconductor		SN74LVC86AD		S	SOIC	14
74LCX86M	ST Microelectronics (STM)		SN74LVC86AD		S	SOIC	14
74LCX86MTC	Fairchild Semiconductor		SN74LVC86APW		S	TSSOP	14
74LCX86MTCX	Fairchild Semiconductor		SN74LVC86APWR		S	TSSOP	14
74LCX86MTR	ST Microelectronics (STM)		SN74LVC86ADR		S	SOIC	14
74LCX86MX	Fairchild Semiconductor		SN74LVC86ADR		S	SOIC	14
74LCX86SJ	Fairchild Semiconductor		SN74LVC86ANSR		S	SOP-EIAJ-II	14
74LCX86SJX	Fairchild Semiconductor		SN74LVC86ANSR		S	SOP-EIAJ-II	14
74LCX86TTR	ST Microelectronics (STM)		SN74LVC86APWR		S	TSSOP	14
74LCXH162244MEA	Fairchild Semiconductor		SN74LVCH162244ADL		S	SSOP	48
74LCXH162244MEX	Fairchild Semiconductor		SN74LVCH162244ADLR		S	SSOP	48
74LCXH162244MTD	Fairchild Semiconductor	tpd, Vs differ	SN74LVCH162244AGR		S	TSSOP	48
74LCXH162244MTX	Fairchild Semiconductor		SN74LVCH162244AGR		S	TSSOP	48
74LCXH162373MEA	Fairchild Semiconductor	tpd, Vs differ	SN74LVC16373DL		S	SSOP	48
74LCXH162373MEA	Fairchild Semiconductor	tpd, Vs differ	SN74LVCH16373ADL		S	SSOP	48
74LCXH162373MTD	Fairchild Semiconductor	tpd, Vs differ	SN74LVCH16373ADGGR		S	TSSOP	48
74LCXH162373MTX	Fairchild Semiconductor	tpd, Vs differ	SN74LVCH16373ADGGR		S	TSSOP	48
74LCXH16244G	Fairchild Semiconductor	Tray	SN74LVCH16244AGRDR	Not available tubed/trays, use reeled	S	BGA	54
74LCXH16244GX	Fairchild Semiconductor		SN74LVCH16244AGRDR		S	BGA	54
74LCXH16244MEA	Fairchild Semiconductor		SN74LVCH16244ADL		S	SSOP	48
74LCXH16244MEAX	Fairchild Semiconductor		SN74LVCH16244ADLR		S	SSOP	48
74LCXH16244MTD	Fairchild Semiconductor		SN74LVCH16244ADGGR		S	TSSOP	48
74LCXH16244MTDX	Fairchild Semiconductor		SN74LVCH16244ADGGR		S	TSSOP	48
74LCXH16244MTDX_NL	Fairchild Semiconductor	Pb-Free	SN74LVCH16244ADGGR		S	TSSOP	48
74LCXH16245GX	Fairchild Semiconductor		SN74LVCH16245AGRDR		S	BGA	54
74LCXH16245GX	Fairchild Semiconductor	tpd differs	SN74LVCH16245AZRDR		S	FBGA	54
74LCXH16245MTD	Fairchild Semiconductor	tpd differs	SN74LVCH16245ADGGR		S	TSSOP	48
74LCXH16245MTDX	Fairchild Semiconductor		SN74LVCH16245ADGGR		S	TSSOP	48
74LCXH16245MTDX_NL	Fairchild Semiconductor	Pb-Free	SN74LVCH16245ADGGR		S	TSSOP	48
74LCXH16245TTR	ST Microelectronics (STM)		SN74LVCH16245ADGGR		S	TSSOP	48
74LCXH16373GX	Fairchild Semiconductor		SN74LVCH16373AGRDR		S	BGA	54
74LCXH16373MEA	Fairchild Semiconductor		SN74LVCH16373ADL		S	SSOP	48
74LCXH16373MEA	Fairchild Semiconductor		SN74LVCH16373ADLR		S	SSOP	48
74LCXH16373MEAX	Fairchild Semiconductor		SN74LVCH16373ADLR		S	SSOP	48
74LCXH16373MTD	Fairchild Semiconductor		SN74LVCH16373ADGGR		S	TSSOP	48
74LCXH16373MTDX	Fairchild Semiconductor		SN74LVCH16373ADGGR		S	TSSOP	48
74LCXH16374G	Fairchild Semiconductor		SN74LVCH16374AGRDR	Not available tubed/trays, use reeled	S	BGA	54
74LCXH16374GX	Fairchild Semiconductor		SN74LVCH16374AGRDR		S	BGA	54
74LCXH16374MEA	Fairchild Semiconductor		SN74LVCH16374ADL		S	SSOP	48
74LCXH16374MEAX	Fairchild Semiconductor		SN74LVCH16374ADLR		S	SSOP	48
74LCXH16374MTD	Fairchild Semiconductor		SN74LVCH16374ADGGR		S	TSSOP	48
74LCXH16374MTDX	Fairchild Semiconductor		SN74LVCH16374ADGGR		S	TSSOP	48
74LCXH245MSA	Fairchild Semiconductor	tpd differs	SN74LVCH245ADBR		S	SSOP	20
74LCXH245MSAX	Fairchild Semiconductor		SN74LVCH245ADBR		S	SSOP	20
74LCXH245MTC	Fairchild Semiconductor		SN74LVCH245APW		S	TSSOP	20
74LCXH245MTCX	Fairchild Semiconductor		SN74LVCH245APWR		S	TSSOP	20
74LCXH245SJ	Fairchild Semiconductor	tpd differs	SN74LVCH245ANSR		S	SOP	20
74LCXH245SJX	Fairchild Semiconductor		SN74LVCH245ANSR		S	SOP-EIAJ-II	20
74LCXH245WM	Fairchild Semiconductor		SN74LVCH245ADW		S	SOIC	20
74LCXH245WMX	Fairchild Semiconductor		SN74LVCH245ADWR		S	SOIC	20
74LCXH32245G	Fairchild Semiconductor	IP tolerance, tpd differ	SN74LVCH32245AGKER		S	FBGA	96
74LCXR162245MEA	Fairchild Semiconductor		SN74LVCR162245ADL		S	SSOP	48
74LCXR162245MEX	Fairchild Semiconductor		SN74LVCR162245ADLR	Faster, wider Vcc range	S	SSOP	48
74LCXR162245MTD	Fairchild Semiconductor	IP tolerance, tpd differ	SN74LVCR162245ADGGR		S	TSSOP	48
74LCXR162245MTD	Fairchild Semiconductor		SN74LVCR162245ADLR		S	TSSOP	48
74LCXR162245MTX	Fairchild Semiconductor		SN74LVCR162245ADGGR	Faster, wider Vcc range	S	TSSOP	48
74LCXR2245MSA	Fairchild Semiconductor	tpd differs	SN74LVCR2245ADBR		S	SSOP	20
74LCXR2245MSAX	Fairchild Semiconductor		SN74LVCR2245ADBR		S	SSOP	20
74LCXR2245MTC	Fairchild Semiconductor		SN74LVCR2245APW		S	TSSOP	20
74LCXR2245MTCX	Fairchild Semiconductor		SN74LVCR2245APWR		S	TSSOP	20
74LCXR2245SJ	Fairchild Semiconductor	tpd differs	SN74LVCR2245ANSR		S	SOP	20
74LCXR2245SJX	Fairchild Semiconductor		SN74LVCR2245ANSR		S	SOP-EIAJ-II	20
74LCXR2245WM	Fairchild Semiconductor		SN74LVCR2245ADW		S	SOIC	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LCXR2245WMX	Fairchild Semiconductor		SN74LVCR2245ADWR		S	SOIC	20
74LCXU04M	ST Microelectronics (STM)		SN74LVCU04AD		S	SOIC	14
74LCXU04MTR	ST Microelectronics (STM)		SN74LVCU04ADR		S	SOIC	14
74LCXU04TTR	ST Microelectronics (STM)		SN74LVCU04APWR		S	TSSOP	14
74LCXZ16244MEA	Fairchild Semiconductor		SN74LVCZ16244ADL		S	SSOP	48
74LCXZ16244MEAX	Fairchild Semiconductor		SN74LVCZ16244ADLR		S	SSOP	48
74LCXZ16244MTD	Fairchild Semiconductor		SN74LVCZ16244ADGGR		S	TSSOP	48
74LCXZ16244MTDX	Fairchild Semiconductor		SN74LVCZ16244ADGGR		S	TSSOP	48
74LCXZ16245MTD	Fairchild Semiconductor	IP tolerance, tpd differ	SN74LVCZ16245ADGGR		S	TSSOP	48
74LCXZ16245MTDX	Fairchild Semiconductor		SN74LVCZ16245ADGGR		S	TSSOP	48
74LCXZ245MSA	Fairchild Semiconductor		SN74LVCZ245ADBR		S	SSOP	20
74LCXZ245MSAX	Fairchild Semiconductor		SN74LVCZ245ADBR		S	SSOP	20
74LCXZ245MTC	Fairchild Semiconductor		SN74LVCZ245APW		S	TSSOP	20
74LCXZ245MTCX	Fairchild Semiconductor		SN74LVCZ245APWR		S	TSSOP	20
74LCXZ245SJ	Fairchild Semiconductor	IP tolerance, tpd differ	SN74LVCZ245ANSR		S	SOP	20
74LCXZ245SJX	Fairchild Semiconductor		SN74LVCZ245ANSR		S	SOP-EIAJ-II	20
74LCXZ245WM	Fairchild Semiconductor		SN74LVCZ245ADW		S	SOIC	20
74LCXZ245WMX	Fairchild Semiconductor		SN74LVCZ245ADWR		S	SOIC	20
74LS00PC	Fairchild Semiconductor	Discontinued	SN74LS00N		S	PDIP	14
74LS00SC	Fairchild Semiconductor	Discontinued	SN74LS00D		S	SOIC	14
74LS00SCX	Fairchild Semiconductor	Discontinued	SN74LS00DR		S	SOIC	14
74LS02PC	Fairchild Semiconductor	Discontinued	SN74LS02N		S	PDIP	14
74LS02SC	Fairchild Semiconductor	Discontinued	SN74LS02D		S	SOIC	14
74LS02SCX	Fairchild Semiconductor	Discontinued	SN74LS02DR		S	SOIC	14
74LS03PC	Fairchild Semiconductor	Discontinued	SN74LS03N		S	PDIP	14
74LS03SC	Fairchild Semiconductor	Discontinued	SN74LS03D		S	SOIC	14
74LS03SCX	Fairchild Semiconductor	Discontinued	SN74LS03DR		S	SOIC	14
74LS04PC	Fairchild Semiconductor	Discontinued	SN74LS04N		S	PDIP	14
74LS04SC	Fairchild Semiconductor	Discontinued	SN74LS04D		S	SOIC	14
74LS04SCX	Fairchild Semiconductor	Discontinued	SN74LS04DR		S	SOIC	14
74LS05PC	Fairchild Semiconductor	Discontinued	SN74LS05N		S	PDIP	14
74LS05SC	Fairchild Semiconductor	Discontinued	SN74LS05D		S	SOIC	14
74LS05SCX	Fairchild Semiconductor	Discontinued	SN74LS05DR		S	SOIC	14
74LS08PC	Fairchild Semiconductor	Discontinued	SN74LS08N		S	PDIP	14
74LS08SC	Fairchild Semiconductor	Discontinued	SN74LS08D		S	SOIC	14
74LS08SCX	Fairchild Semiconductor	Discontinued	SN74LS08DR		S	SOIC	14
74LS09PC	Fairchild Semiconductor	Discontinued	SN74LS09N		S	PDIP	14
74LS09SC	Fairchild Semiconductor	Discontinued	SN74LS09D		S	SOIC	14
74LS09SCX	Fairchild Semiconductor	Discontinued	SN74LS09DR		S	SOIC	14
74LS109APC	Fairchild Semiconductor	Discontinued	SN74LS109AN		S	PDIP	16
74LS109ASC	Fairchild Semiconductor	Discontinued	SN74LS109AD		S	SOIC	16
74LS109ASCX	Fairchild Semiconductor	Discontinued	SN74LS109ADR		S	SOIC	16
74LS10PC	Fairchild Semiconductor	Discontinued	SN74LS10N		S	PDIP	14
74LS10SC	Fairchild Semiconductor	Discontinued	SN74LS10D		S	SOIC	14
74LS10SCX	Fairchild Semiconductor	Discontinued	SN74LS10DR		S	SOIC	14
74LS112PC	Fairchild Semiconductor	Discontinued	SN74LS112AN		S	PDIP	16
74LS112SC	Fairchild Semiconductor	Discontinued	SN74LS112AD		S	SOIC	16
74LS112SCX	Fairchild Semiconductor	Discontinued	SN74LS112ADR		S	SOIC	16
74LS11PC	Fairchild Semiconductor	Discontinued	SN74LS11N		S	PDIP	14
74LS11SC	Fairchild Semiconductor	Discontinued	SN74LS11D		S	SOIC	14
74LS11SCX	Fairchild Semiconductor	Discontinued	SN74LS11DR		S	SOIC	14
74LS125APC	Fairchild Semiconductor	Discontinued	SN74LS125AN		S	PDIP	14
74LS125ASC	Fairchild Semiconductor	Discontinued	SN74LS125AD		S	SOIC	14
74LS125ASCX	Fairchild Semiconductor	Discontinued	SN74LS125ADR		S	SOIC	14
74LS126PC	Fairchild Semiconductor	Discontinued	SN74LS126AN		S	PDIP	14
74LS126SC	Fairchild Semiconductor	Discontinued	SN74LS126AD		S	SOIC	14
74LS126SCX	Fairchild Semiconductor	Discontinued	SN74LS126ADR		S	SOIC	14
74LS132PC	Fairchild Semiconductor	Discontinued	SN74LS132N		S	PDIP	14
74LS132SC	Fairchild Semiconductor	Discontinued	SN74LS132D		S	SOIC	14
74LS132SCX	Fairchild Semiconductor	Discontinued	SN74LS132DR		S	SOIC	14
74LS136PC	Fairchild Semiconductor	Discontinued	SN74LS136N		S	PDIP	14
74LS136SC	Fairchild Semiconductor	Discontinued	SN74LS136D		S	SOIC	14
74LS136SCX	Fairchild Semiconductor	Discontinued	SN74LS136DR		S	SOIC	14
74LS138PC	Fairchild Semiconductor	Discontinued	SN74LS138N		S	PDIP	16

74LCXR2245WMX — 74LS138PC

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LS138SC	Fairchild Semiconductor	Discontinued	SN74LS138D		S	SOIC	16
74LS138SCX	Fairchild Semiconductor	Discontinued	SN74LS138DR		S	SOIC	16
74LS139PC	Fairchild Semiconductor	Discontinued	SN74LS139AN		S	PDIP	16
74LS14PC	Fairchild Semiconductor	Discontinued	SN74LS14N		S	PDIP	14
74LS14SC	Fairchild Semiconductor	Discontinued	SN74LS14D		S	SOIC	14
74LS14SCX	Fairchild Semiconductor	Discontinued	SN74LS14DR		S	SOIC	14
74LS151PC	Fairchild Semiconductor	Discontinued	SN74LS151N		S	PDIP	16
74LS151SC	Fairchild Semiconductor	Discontinued	SN74LS151D		S	SOIC	16
74LS151SCX	Fairchild Semiconductor	Discontinued	SN74LS151DR		S	SOIC	16
74LS153PC	Fairchild Semiconductor	Discontinued	SN74LS153N		S	PDIP	16
74LS153SC	Fairchild Semiconductor	Discontinued	SN74LS153D		S	SOIC	16
74LS153SCX	Fairchild Semiconductor	Discontinued	SN74LS153DR		S	SOIC	16
74LS155PC	Fairchild Semiconductor	Discontinued	SN74LS155AN		S	PDIP	16
74LS155SC	Fairchild Semiconductor	Discontinued	SN74LS155AD		S	SOIC	16
74LS155SCX	Fairchild Semiconductor	Discontinued	SN74LS155ADR		S	SOIC	16
74LS156PC	Fairchild Semiconductor	Discontinued	SN74LS156N		S	PDIP	16
74LS156SC	Fairchild Semiconductor	Discontinued	SN74LS156D		S	SOIC	16
74LS156SCX	Fairchild Semiconductor	Discontinued	SN74LS156DR		S	SOIC	16
74LS157PC	Fairchild Semiconductor	Discontinued	SN74LS157N		S	PDIP	16
74LS157SC	Fairchild Semiconductor	Discontinued	SN74LS157D		S	SOIC	16
74LS157SCX	Fairchild Semiconductor	Discontinued	SN74LS157DR		S	SOIC	16
74LS158PC	Fairchild Semiconductor	Discontinued	SN74LS158N		S	PDIP	16
74LS158SC	Fairchild Semiconductor	Discontinued	SN74LS158D		S	SOIC	16
74LS158SCX	Fairchild Semiconductor	Discontinued	SN74LS158DR		S	SOIC	16
74LS161APC	Fairchild Semiconductor	Discontinued	SN74LS161AN		S	PDIP	16
74LS161ASC	Fairchild Semiconductor	Discontinued	SN74LS161AD		S	SOIC	16
74LS161ASCX	Fairchild Semiconductor	Discontinued	SN74LS161ADR		S	SOIC	16
74LS163APC	Fairchild Semiconductor	Discontinued	SN74LS163AN		S	PDIP	16
74LS163ASC	Fairchild Semiconductor	Discontinued	SN74LS163AD		S	SOIC	16
74LS163ASCX	Fairchild Semiconductor	Discontinued	SN74LS163ADR		S	SOIC	16
74LS169PC	Fairchild Semiconductor	Discontinued	SN74LS169BN		S	PDIP	16
74LS174PC	Fairchild Semiconductor	Discontinued	SN74LS174N		S	PDIP	16
74LS174SC	Fairchild Semiconductor	Discontinued	SN74LS174D		S	SOIC	16
74LS174SCX	Fairchild Semiconductor	Discontinued	SN74LS174DR		S	SOIC	16
74LS175PC	Fairchild Semiconductor	Discontinued	SN74LS175N		S	PDIP	16
74LS175SC	Fairchild Semiconductor	Discontinued	SN74LS175D		S	SOIC	16
74LS175SCX	Fairchild Semiconductor	Discontinued	SN74LS175DR		S	SOIC	16
74LS181PC	Fairchild Semiconductor	Discontinued	SN74LS181N		S	PDIP	24
74LS191PC	Fairchild Semiconductor	Discontinued	SN74LS191N		S	PDIP	16
74LS193PC	Fairchild Semiconductor	Discontinued	SN74LS193N		S	PDIP	16
74LS193SC	Fairchild Semiconductor	Discontinued	SN74LS193D		S	SOIC	16
74LS193SCX	Fairchild Semiconductor	Discontinued	SN74LS193DR		S	SOIC	16
74LS20PC	Fairchild Semiconductor	Discontinued	SN74LS20N		S	PDIP	14
74LS20SC	Fairchild Semiconductor	Discontinued	SN74LS20D		S	SOIC	14
74LS20SCX	Fairchild Semiconductor	Discontinued	SN74LS20DR		S	SOIC	14
74LS240PC	Fairchild Semiconductor	Discontinued	SN74LS240N		S	PDIP	20
74LS240SC	Fairchild Semiconductor	Discontinued	SN74LS240DW		S	SOIC	20
74LS240SCX	Fairchild Semiconductor	Discontinued	SN74LS240DWR		S	SOIC	20
74LS241PC	Fairchild Semiconductor	Discontinued	SN74LS241N		S	PDIP	20
74LS244PC	Fairchild Semiconductor	Discontinued	SN74LS244N		S	PDIP	20
74LS244SC	Fairchild Semiconductor	Discontinued	SN74LS244DW		S	SOIC	20
74LS244SCX	Fairchild Semiconductor	Discontinued	SN74LS244DWR		S	SOIC	20
74LS245PC	Fairchild Semiconductor	Discontinued	SN74LS245N		S	PDIP	20
74LS245SC	Fairchild Semiconductor	Discontinued	SN74LS245DW		S	SOIC	20
74LS245SCX	Fairchild Semiconductor	Discontinued	SN74LS245DWR		S	SOIC	20
74LS251PC	Fairchild Semiconductor	Discontinued	SN74LS251N		S	PDIP	16
74LS251SC	Fairchild Semiconductor	Discontinued	SN74LS251D		S	SOIC	16
74LS251SCX	Fairchild Semiconductor	Discontinued	SN74LS251DR		S	SOIC	16
74LS253PC	Fairchild Semiconductor	Discontinued	SN74LS253N		S	PDIP	16
74LS253SC	Fairchild Semiconductor	Discontinued	SN74LS253D		S	SOIC	16
74LS253SCX	Fairchild Semiconductor	Discontinued	SN74LS253DR		S	SOIC	16
74LS257APC	Fairchild Semiconductor	Discontinued	SN74LS257BN		S	PDIP	16
74LS257ASC	Fairchild Semiconductor	Discontinued	SN74LS257BD		S	SOIC	16
74LS257ASCX	Fairchild Semiconductor	Discontinued	SN74LS257BDR		S	SOIC	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LS259PC	Fairchild Semiconductor	Discontinued	SN74LS259BN		S	PDIP	16
74LS266PC	Fairchild Semiconductor	Discontinued	SN74LS266N		S	PDIP	14
74LS266PC	Fairchild Semiconductor	Discontinued	SN74LS266N		S	PDIP	14
74LS273PC	Fairchild Semiconductor	Discontinued	SN74LS273N		S	PDIP	20
74LS273SC	Fairchild Semiconductor	Discontinued	SN74LS273DW		S	SOIC	20
74LS273SCX	Fairchild Semiconductor	Discontinued	SN74LS273DWR		S	SOIC	20
74LS279PC	Fairchild Semiconductor	Discontinued	SN74LS279AN		S	PDIP	16
74LS279SC	Fairchild Semiconductor	Discontinued	SN74LS279AD		S	SOIC	16
74LS279SCX	Fairchild Semiconductor	Discontinued	SN74LS279AD		S	SOIC	16
74LS27PC	Fairchild Semiconductor	Discontinued	SN74LS27N		S	PDIP	14
74LS27SC	Fairchild Semiconductor	Discontinued	SN74LS27D		S	SOIC	14
74LS27SCX	Fairchild Semiconductor	Discontinued	SN74LS27DR		S	SOIC	14
74LS283PC	Fairchild Semiconductor	Discontinued	SN74LS283N		S	PDIP	16
74LS283SC	Fairchild Semiconductor	Discontinued	SN74LS283D		S	SOIC	16
74LS283SCX	Fairchild Semiconductor	Discontinued	SN74LS283DR		S	SOIC	16
74LS298PC	Fairchild Semiconductor	Discontinued	SN74LS298N		S	PDIP	16
74LS30PC	Fairchild Semiconductor	Discontinued	SN74LS30N		S	PDIP	14
74LS30SC	Fairchild Semiconductor	Discontinued	SN74LS30D		S	SOIC	14
74LS30SCX	Fairchild Semiconductor	Discontinued	SN74LS30DR		S	SOIC	14
74LS32PC	Fairchild Semiconductor	Discontinued	SN74LS32N		S	PDIP	14
74LS32SC	Fairchild Semiconductor	Discontinued	SN74LS32D		S	SOIC	14
74LS32SCX	Fairchild Semiconductor	Discontinued	SN74LS32DR		S	SOIC	14
74LS33PC	Fairchild Semiconductor	Discontinued	SN74LS33N		S	PDIP	14
74LS33SC	Fairchild Semiconductor	Discontinued	SN74LS33D		S	SOIC	14
74LS33SCX	Fairchild Semiconductor	Discontinued	SN74LS33DR		S	SOIC	14
74LS365APC	Fairchild Semiconductor	Discontinued	SN74LS365AN		S	PDIP	16
74LS365ASC	Fairchild Semiconductor	Discontinued	SN74LS365AD		S	SOIC	16
74LS365ASCX	Fairchild Semiconductor	Discontinued	SN74LS365ADR		S	SOIC	16
74LS367APC	Fairchild Semiconductor	Discontinued	SN74LS367AN		S	PDIP	16
74LS367ASC	Fairchild Semiconductor	Discontinued	SN74LS367AD		S	SOIC	16
74LS367ASCX	Fairchild Semiconductor	Discontinued	SN74LS367ADR		S	SOIC	16
74LS373PC	Fairchild Semiconductor	Discontinued	SN74LS373N		S	PDIP	20
74LS373SC	Fairchild Semiconductor	Discontinued	SN74LS373DW		S	SOIC	20
74LS373SCX	Fairchild Semiconductor	Discontinued	SN74LS373DWR		S	SOIC	20
74LS374PC	Fairchild Semiconductor	Discontinued	SN74LS374N		S	PDIP	20
74LS374SC	Fairchild Semiconductor	Discontinued	SN74LS374DW		S	SOIC	20
74LS374SCX	Fairchild Semiconductor	Discontinued	SN74LS374DWR		S	SOIC	20
74LS377PC	Fairchild Semiconductor	Discontinued	SN74LS377N		S	PDIP	20
74LS377SC	Fairchild Semiconductor	Discontinued	SN74LS377DW		S	SOIC	20
74LS377SCX	Fairchild Semiconductor	Discontinued	SN74LS377DWR		S	SOIC	20
74LS38PC	Fairchild Semiconductor	Discontinued	SN74LS38N		S	PDIP	14
74LS38SC	Fairchild Semiconductor	Discontinued	SN74LS38D		S	SOIC	14
74LS38SCX	Fairchild Semiconductor	Discontinued	SN74LS38DR		S	SOIC	14
74LS390PC	Fairchild Semiconductor	Discontinued	SN74LS390N		S	PDIP	16
74LS390SC	Fairchild Semiconductor	Discontinued	SN74LS390D		S	SOIC	16
74LS390SCX	Fairchild Semiconductor	Discontinued	SN74LS390DR		S	SOIC	16
74LS393PC	Fairchild Semiconductor	Discontinued	SN74LS393N		S	PDIP	14
74LS393SC	Fairchild Semiconductor	Discontinued	SN74LS393D		S	SOIC	14
74LS393SCX	Fairchild Semiconductor	Discontinued	SN74LS393DR		S	SOIC	14
74LS47PC	Fairchild Semiconductor	Discontinued	SN74LS47N		S	PDIP	16
74LS47SC	Fairchild Semiconductor	Discontinued	SN74LS47D		S	SOIC	16
74LS47SCX	Fairchild Semiconductor	Discontinued	SN74LS47D	Not available reeled, use tubed	S	SOIC	16
74LS51PC	Fairchild Semiconductor	Discontinued	SN74LS51N		S	PDIP	14
74LS51SC	Fairchild Semiconductor	Discontinued	SN74LS51D		S	SOIC	14
74LS51SCX	Fairchild Semiconductor	Discontinued	SN74LS51DR		S	SOIC	14
74LS74APC	Fairchild Semiconductor	Discontinued	SN74LS74AN		S	PDIP	14
74LS74ASC	Fairchild Semiconductor	Discontinued	SN74LS74AD		S	SOIC	14
74LS74ASCX	Fairchild Semiconductor	Discontinued	SN74LS74ADR		S	SOIC	14
74LS85PC	Fairchild Semiconductor	Discontinued	SN74LS85N		S	PDIP	16
74LS85SC	Fairchild Semiconductor	Discontinued	SN74LS85D		S	SOIC	16
74LS85SCX	Fairchild Semiconductor	Discontinued	SN74LS85DR		S	SOIC	16
74LS86PC	Fairchild Semiconductor	Discontinued	SN74LS86AN		S	PDIP	14
74LS86SC	Fairchild Semiconductor	Discontinued	SN74LS86AD		S	SOIC	14
74LS86SCX	Fairchild Semiconductor	Discontinued	SN74LS86ADR		S	SOIC	14

74LS259PC — 74LS86SCX

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LS90PC	Fairchild Semiconductor	Discontinued	SN74LS90N		S	PDIP	14
74LS90SC	Fairchild Semiconductor	Discontinued	SN74LS90D		S	SOIC	14
74LS90SCX	Fairchild Semiconductor	Discontinued	SN74LS90DR		S	SOIC	14
74LV00D	NXP Semiconductor		SN74LV00AD		S	SOIC	14
74LV00DB	NXP Semiconductor		SN74LV00ADBR		S	SSOP	14
74LV00DB-T	NXP Semiconductor		SN74LV00ADBR		S	SSOP	14
74LV00D-T	NXP Semiconductor		SN74LV00ADR		S	SOIC	14
74LV00N	NXP Semiconductor		SN74AHC00N	Substitute AHC (this package)	S	PDIP	14
74LV00PW	NXP Semiconductor		SN74LV00APW		S	TSSOP	14
74LV00PWDH	NXP Semiconductor		SN74LV00APWR		S	TSSOP	14
74LV02D	NXP Semiconductor		SN74AHC02D		S	SOIC	14
74LV02D	NXP Semiconductor		SN74LV02AD		S	SOIC	14
74LV02D-T	NXP Semiconductor		SN74AHC02DR		S	SOIC	14
74LV02D-T	NXP Semiconductor		SN74LV02ADR		S	SOIC	14
74LV04D	NXP Semiconductor		SN74LV04AD		S	SOIC	14
74LV04DB	NXP Semiconductor		SN74LV04ADBR		S	SSOP	14
74LV04DB-T	NXP Semiconductor		SN74LV04ADBR		S	SSOP	14
74LV04D-T	NXP Semiconductor		SN74LV04ADR		S	SOIC	14
74LV04N	NXP Semiconductor		SN74AHC04N	Substitute AHC (this package)	S	PDIP	14
74LV04N	NXP Semiconductor		SN74AHC04N		Q	PDIP	14
74LV04PW	NXP Semiconductor		SN74LV04APW		S	TSSOP	14
74LV04PWDH	NXP Semiconductor		SN74LV04APWR		S	TSSOP	14
74LV04PW-T	NXP Semiconductor		SN74LV04APWR		S	TSSOP	14
74LV08D	NXP Semiconductor		SN74LV08AD		S	SOIC	14
74LV08DB	NXP Semiconductor		SN74LV08ADBR		S	SSOP	14
74LV08DB-T	NXP Semiconductor		SN74LV08ADBR		S	SSOP	14
74LV08D-T	NXP Semiconductor		SN74LV08ADR		S	SOIC	14
74LV08N	NXP Semiconductor		SN74AHC08N	Substitute AHC (this package)	S	PDIP	14
74LV08PW	NXP Semiconductor		SN74LV08APW		S	TSSOP	14
74LV08PWDH	NXP Semiconductor		SN74LV08APWR		S	TSSOP	14
74LV10D	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	SN74LV10AD		S	SOIC	14
74LV10D-T	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	SN74LV10ADR		S	SOIC	14
74LV11D	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	SN74LV11AD		S	SOIC	14
74LV11D-T	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	SN74LV11ADR		S	SOIC	14
74LV123D	NXP Semiconductor		SN74LV123AD		S	SOIC	16
74LV123DB	NXP Semiconductor	tpd differs	SN74LV123ADBR		S	SSOP	16
74LV123DB-T	NXP Semiconductor		SN74LV123ADBR		S	SSOP	16
74LV123D-T	NXP Semiconductor		SN74LV123ADR		S	SOIC	16
74LV123N	NXP Semiconductor		SN74AHC123AN	Substitute AHC (this package)	S	PDIP	16
74LV123N	NXP Semiconductor	tpd differs	SN74AHC123AN		Q	PDIP	16
74LV123PW	NXP Semiconductor		SN74LV123APW		S	TSSOP	16
74LV123PW DH	NXP Semiconductor	tpd differs	SN74LV123APWR		S	TSSOP	16
74LV123PWDH	NXP Semiconductor		SN74LV123APWR		S	TSSOP	16
74LV125D	NXP Semiconductor		SN74LV125AD		S	SOIC	14
74LV125DB	NXP Semiconductor		SN74LV125ADBR		S	SSOP	14
74LV125DB-T	NXP Semiconductor		SN74LV125ADBR		S	SSOP	14
74LV125D-T	NXP Semiconductor		SN74LV125ADR		S	SOIC	14
74LV125N	NXP Semiconductor		SN74LV125AN		S	PDIP	14
74LV125PW	NXP Semiconductor		SN74LV125APW		S	TSSOP	14
74LV125PW DH	NXP Semiconductor	tpd, Vs differ	SN74LV125APWR		S	TSSOP	14
74LV125PWDH	NXP Semiconductor		SN74LV125APWR		S	TSSOP	14
74LV126D	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	SN74LV126AD		S	SOIC	14
74LV126DB	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	SN74LV126ADBR		S	SSOP	14
74LV126DB-T	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	SN74LV126ADBR		S	SSOP	14
74LV126D-T	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	SN74LV126ADR		S	SOIC	14
74LV126N	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	SN74AHC126N	Substitute AHC (this package)	S	PDIP	14
74LV126PW	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	SN74LV126APW		S	TSSOP	14
74LV126PW DH	NXP Semiconductor	tpd differs	SN74LV126APWR		S	TSSOP	14
74LV126PWDH	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	SN74LV126APWR		S	TSSOP	14
74LV132D	NXP Semiconductor		SN74LV132AD		S	SOIC	14
74LV132DB	NXP Semiconductor		SN74LV132ADBR		S	SSOP	14
74LV132DB-T	NXP Semiconductor		SN74LV132ADBR		S	SSOP	14
74LV132D-T	NXP Semiconductor		SN74LV132ADR		S	SOIC	14
74LV132N	NXP Semiconductor		SN74AHC132N	Substitute AHC (this package)	S	PDIP	14

#### Replacement Codes

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LV132PW	NXP Semiconductor		SN74LV132APW		S	TSSOP	14
74LV132PWDH	NXP Semiconductor		SN74LV132APWR		S	TSSOP	14
74LV138D	NXP Semiconductor		SN74LV138AD		S	SOIC	16
74LV138DB	NXP Semiconductor	tpd differs	SN74LV138ADBR		S	SSOP	16
74LV138DB-T	NXP Semiconductor		SN74LV138ADBR		S	SSOP	16
74LV138D-T	NXP Semiconductor		SN74LV138ADR		S	SOIC	16
74LV138N	NXP Semiconductor		SN74AHC138N	Substitute AHC (this package)	S	PDIP	16
74LV138N	NXP Semiconductor	tpd differs	SN74AHC138N		Q	PDIP	16
74LV138PW	NXP Semiconductor		SN74LV138APW		S	TSSOP	16
74LV138PWDH	NXP Semiconductor		SN74LV138APWR		S	TSSOP	16
74LV139D	NXP Semiconductor		SN74LV139AD		S	SOIC	16
74LV139DB	NXP Semiconductor	tpd differs	SN74LV139ADBR		S	SSOP	16
74LV139DB-T	NXP Semiconductor		SN74LV139ADBR		S	SSOP	16
74LV139D-T	NXP Semiconductor		SN74LV139ADR		S	SOIC	16
74LV139N	NXP Semiconductor		SN74AHC139N	Substitute AHC (this package)	S	PDIP	16
74LV139N	NXP Semiconductor	tpd differs	SN74AHC139N		Q	PDIP	16
74LV139PW	NXP Semiconductor		SN74LV139APW		S	TSSOP	16
74LV139PWDH	NXP Semiconductor		SN74LV139APWR		S	TSSOP	16
74LV14D	NXP Semiconductor		SN74LV14AD		S	SOIC	14
74LV14DB	NXP Semiconductor		SN74LV14ADBR		S	SSOP	14
74LV14DB-T	NXP Semiconductor		SN74LV14ADBR		S	SSOP	14
74LV14D-T	NXP Semiconductor		SN74LV14ADR		S	SOIC	14
74LV14N	NXP Semiconductor		SN74AHC14N	Substitute AHC (this package)	S	PDIP	14
74LV14N	NXP Semiconductor		SN74AHC14N		Q	PDIP	14
74LV14PW	NXP Semiconductor		SN74LV14APW		S	TSSOP	14
74LV14PWDH	NXP Semiconductor		SN74LV14APWR		S	TSSOP	14
74LV14PW-T	NXP Semiconductor	tpd, Vs differ	SN74LV14APWR		S	TSSOP	14
74LV161D	NXP Semiconductor	Vs differs	SN74LV161AD		S	SOIC	16
74LV161DB	NXP Semiconductor	Vs differs	SN74LV161ADBR		S	SSOP	16
74LV161PW	NXP Semiconductor	Vs differs	SN74LV161APW		S	TSSOP	16
74LV161PWDH	NXP Semiconductor	Vs differs	SN74LV161APW		S	TSSOP	16
74LV164D	NXP Semiconductor		SN74LV164AD		S	SOIC	14
74LV164DB	NXP Semiconductor		SN74LV164ADBR		S	SSOP	14
74LV164DB-T	NXP Semiconductor		SN74LV164ADBR		S	SSOP	14
74LV164D-T	NXP Semiconductor		SN74LV164ADR		S	SOIC	14
74LV164PW	NXP Semiconductor		SN74LV164APW		S	TSSOP	14
74LV164PW DH	NXP Semiconductor	tpd differs	SN74LV164APWR		S	TSSOP	14
74LV164PWDH	NXP Semiconductor		SN74LV164APWR		S	TSSOP	14
74LV164PW-T	NXP Semiconductor	tpd differs	SN74LV164APWR		S	TSSOP	14
74LV165AD	NXP Semiconductor		SN74LV165AD		S	SOIC	16
74LV165AD-T	NXP Semiconductor		SN74LV165ADR		S	SOIC	16
74LV165APW	NXP Semiconductor		SN74LV165APW		S	TSSOP	16
74LV165APWDH	NXP Semiconductor		SN74LV165APWR		S	TSSOP	16
74LV165D	NXP Semiconductor		SN74LV165AD		S	SOIC	16
74LV165DB	NXP Semiconductor		SN74LV165ADBR		S	SSOP	16
74LV165DB-T	NXP Semiconductor		SN74LV165ADBR		S	SSOP	16
74LV165D-T	NXP Semiconductor	tpd differs	SN74LV165AD		S	SOIC	16
74LV165D-T	NXP Semiconductor		SN74LV165ADR		S	SOIC	16
74LV165PW	NXP Semiconductor		SN74LV165APW		S	TSSOP	16
74LV165PW DH	NXP Semiconductor	tpd differs	SN74LV165APW		S	TSSOP	16
74LV165PW DH	NXP Semiconductor	tpd differs	SN74LV165APWR		S	TSSOP	16
74LV165PWDH	NXP Semiconductor		SN74LV165APWR		S	TSSOP	16
74LV165PW-T	NXP Semiconductor	tpd differs	SN74LV165APWR		S	TSSOP	16
74LV174D	NXP Semiconductor		SN74LV174AD		S	SOIC	16
74LV174DB	NXP Semiconductor		SN74LV174ADBR		S	SSOP	16
74LV174DB-T	NXP Semiconductor		SN74LV174ADBR		S	SSOP	16
74LV174D-T	NXP Semiconductor		SN74LV174ADR		S	SOIC	16
74LV174N	NXP Semiconductor		SN74AHC174N	Substitute AHC (this package)	S	PDIP	16
74LV174PW	NXP Semiconductor		SN74LV174APW		S	TSSOP	16
74LV174PWDH	NXP Semiconductor		SN74LV174APWR		S	TSSOP	16
74LV175D	NXP Semiconductor		SN74LV175AD		S	SOIC	16
74LV175D	NXP Semiconductor	tpd differs	SN74LV175ADE4		S	SOIC	16
74LV175DB	NXP Semiconductor		SN74LV175ADBR		S	SSOP	16
74LV175DB-T	NXP Semiconductor		SN74LV175ADBR		S	SSOP	16

74LV132PW — 74LV175DB-T

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LV175DB-T	NXP Semiconductor	tpd differs	SN74LV175ADBRE4		S	SSOP	16
74LV175D-T	NXP Semiconductor		SN74LV175ADR		S	SOIC	16
74LV175D-T	NXP Semiconductor	tpd differs	SN74LV175ADRE4		S	SOIC	16
74LV175PW	NXP Semiconductor		SN74LV175APW		S	TSSOP	16
74LV175PWDH	NXP Semiconductor		SN74LV175APWR		S	TSSOP	16
74LV20D	NXP Semiconductor		SN74LV20AD		S	SOIC	14
74LV20D-T	NXP Semiconductor		SN74LV20ADR		S	SOIC	14
74LV244D	NXP Semiconductor		SN74LV244ADW		S	SOIC	20
74LV244DB	NXP Semiconductor		SN74LV244ADBR		S	SSOP	20
74LV244DB-T	NXP Semiconductor		SN74LV244ADBR		S	SSOP	20
74LV244D-T	NXP Semiconductor		SN74LV244ADWR		S	SOIC	20
74LV244N	NXP Semiconductor		SN74AHC244N	Substitute AHC (this package)	S	PDIP	20
74LV244PW	NXP Semiconductor		SN74LV244APW		S	TSSOP	20
74LV244PW DH	NXP Semiconductor	tpd, Vs differ	SN74LV244APWR		S	TSSOP	20
74LV244PWDH	NXP Semiconductor		SN74LV244APWR		S	TSSOP	20
74LV245D	NXP Semiconductor		SN74LV245ADW		S	SOIC	20
74LV245DB	NXP Semiconductor	tpd differs	SN74LV245ADBR		S	SSOP	20
74LV245DB-T	NXP Semiconductor		SN74LV245ADBR		S	SSOP	20
74LV245D-T	NXP Semiconductor		SN74LV245ADWR		S	SOIC	20
74LV245N	NXP Semiconductor		SN74AHC245N	Substitute AHC (this package)	S	PDIP	20
74LV245N	NXP Semiconductor	tpd differs	SN74AHC245N		Q	PDIP	20
74LV245PW	NXP Semiconductor		SN74LV245APW		S	TSSOP	20
74LV245PWDH	NXP Semiconductor		SN74LV245APWR		S	TSSOP	20
74LV273D	NXP Semiconductor		SN74LV273ADW		S	SOIC	20
74LV273DB	NXP Semiconductor		SN74LV273ADBR		S	SSOP	20
74LV273DB-T	NXP Semiconductor		SN74LV273ADBR		S	SSOP	20
74LV273D-T	NXP Semiconductor		SN74LV273ADWR		S	SOIC	20
74LV273N	NXP Semiconductor		SN74AHC273N	Substitute AHC (this package)	S	PDIP	20
74LV273PW	NXP Semiconductor		SN74LV273APW		S	TSSOP	20
74LV273PWDH	NXP Semiconductor		SN74LV273APWR		S	TSSOP	20
74LV27D	NXP Semiconductor		SN74LV27AD		S	SOIC	14
74LV27D-T	NXP Semiconductor		SN74LV27ADR		S	SOIC	14
74LV32D	NXP Semiconductor		SN74LV32AD		S	SOIC	14
74LV32DB	NXP Semiconductor		SN74LV32ADBR		S	SSOP	14
74LV32DB-T	NXP Semiconductor		SN74LV32ADBR		S	SSOP	14
74LV32D-T	NXP Semiconductor		SN74LV32ADR		S	SOIC	14
74LV32N	NXP Semiconductor		SN74AHC32N	Substitute AHC (this package)	S	PDIP	14
74LV32PW	NXP Semiconductor		SN74LV32APW		S	TSSOP	14
74LV32PWDH	NXP Semiconductor		SN74LV32APWR		S	TSSOP	14
74LV367D	NXP Semiconductor		SN74LV367AD		S	SOIC	16
74LV367DB	NXP Semiconductor		SN74LV367ADBR		S	SSOP	16
74LV367DB-T	NXP Semiconductor		SN74LV367ADBR		S	SSOP	16
74LV367D-T	NXP Semiconductor		SN74LV367ADR		S	SOIC	16
74LV367N	NXP Semiconductor		SN74AHC367N	Substitute AHC (this package)	S	PDIP	16
74LV367PW	NXP Semiconductor		SN74LV367APWR		S	TSSOP	16
74LV367PW DH	NXP Semiconductor	tpd, Vs differ	SN74LV367APWR		S	TSSOP	16
74LV367PWDH	NXP Semiconductor		SN74LV367APWR		S	TSSOP	16
74LV373D	NXP Semiconductor		SN74LV373ADW		S	SOIC	20
74LV373DB	NXP Semiconductor		SN74LV373ADBR		S	SSOP	20
74LV373DB-T	NXP Semiconductor		SN74LV373ADBR		S	SSOP	20
74LV373D-T	NXP Semiconductor		SN74LV373ADWR		S	SOIC	20
74LV373N	NXP Semiconductor		SN74AHC373N	Substitute AHC (this package)	S	PDIP	20
74LV373N	NXP Semiconductor		SN74AHC373N		Q	PDIP	20
74LV373PW	NXP Semiconductor		SN74LV373APW		S	TSSOP	20
74LV373PWDH	NXP Semiconductor		SN74LV373APWR		S	TSSOP	20
74LV374D	NXP Semiconductor		SN74LV374ADW		S	SOIC	20
74LV374DB	NXP Semiconductor		SN74LV374ADBR		S	SSOP	20
74LV374DB-T	NXP Semiconductor		SN74LV374ADBR		S	SSOP	20
74LV374D-T	NXP Semiconductor		SN74LV374ADWR		S	SOIC	20
74LV374N	NXP Semiconductor		SN74AHC374N	Substitute AHC (this package)	S	PDIP	20
74LV393D	NXP Semiconductor		SN74LV393AD		S	SOIC	14
74LV393DB	NXP Semiconductor		SN74LV393ADBR		S	SSOP	14
74LV393DB-T	NXP Semiconductor		SN74LV393ADBR		S	SSOP	14
74LV393D-T	NXP Semiconductor		SN74LV393ADR		S	SOIC	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LV393N	NXP Semiconductor	tpd, Vs differ	SN74LS393N		Q	PDIP	14
74LV393PW	NXP Semiconductor		SN74LV393APW		S	TSSOP	14
74LV393PWDH	NXP Semiconductor		SN74LV393APWR		S	TSSOP	14
74LV4051D	NXP Semiconductor		SN74LV4051AD		S	SOIC	16
74LV4051DB	NXP Semiconductor	Ron, toff, ton, tpd, Vs differ	SN74LV4051ADBR		S	SSOP	16
74LV4051DB-T	NXP Semiconductor		SN74LV4051ADBR		S	SSOP	16
74LV4051D-T	NXP Semiconductor		SN74LV4051ADR		S	SOIC	16
74LV4051N	NXP Semiconductor		SN74LV4051AN		S	PDIP	16
74LV4051PW	NXP Semiconductor		SN74LV4051APW		S	TSSOP	16
74LV4051PWDH	NXP Semiconductor		SN74LV4051APWR		S	TSSOP	16
74LV4052D	NXP Semiconductor		SN74LV4052AD		S	SOIC	16
74LV4052DB	NXP Semiconductor	Vs differs	SN74LV4052ADBR		S	SSOP	16
74LV4052DB-T	NXP Semiconductor		SN74LV4052ADBR		S	SSOP	16
74LV4052D-T	NXP Semiconductor		SN74LV4052ADR		S	SOIC	16
74LV4052N	NXP Semiconductor		SN74LV4052AN		S	PDIP	16
74LV4052PW	NXP Semiconductor		SN74LV4052APW		S	TSSOP	16
74LV4052PWDH	NXP Semiconductor		SN74LV4052APWR		S	TSSOP	16
74LV4053D	NXP Semiconductor		SN74LV4053AD		S	SOIC	16
74LV4053DB	NXP Semiconductor	Vs differs	SN74LV4053ADBR		S	SSOP	16
74LV4053DB-T	NXP Semiconductor		SN74LV4053ADBR		S	SSOP	16
74LV4053D-T	NXP Semiconductor		SN74LV4053ADR		S	SOIC	16
74LV4053N	NXP Semiconductor		SN74LV4053AN		S	PDIP	16
74LV4053PW	NXP Semiconductor		SN74LV4053APW		S	TSSOP	16
74LV4053PWDH	NXP Semiconductor		SN74LV4053APWR		S	TSSOP	16
74LV4066D	NXP Semiconductor		SN74LV4066AD		S	SOIC	14
74LV4066DB	NXP Semiconductor	Ron, toff, ton, tpd, Vs differ	SN74LV4066ADBR		S	SOP	14
74LV4066DB-T	NXP Semiconductor		SN74LV4066ADBR		S	SSOP	14
74LV4066D-T	NXP Semiconductor		SN74LV4066ADR		S	SOIC	14
74LV4066N	NXP Semiconductor		SN74LV4066AN		S	PDIP	14
74LV4066PW	NXP Semiconductor		SN74LV4066APW		S	TSSOP	14
74LV4066PWDH	NXP Semiconductor		SN74LV4066APWR		S	TSSOP	14
74LV541D	NXP Semiconductor		SN74LV541ADW		S	SOIC	20
74LV541DB	NXP Semiconductor		SN74LV541ADBR		S	SSOP	20
74LV541DB-T	NXP Semiconductor		SN74LV541ADBR		S	SSOP	20
74LV541D-T	NXP Semiconductor		SN74LV541ADWR		S	SOIC	20
74LV541N	NXP Semiconductor		SN74AHC541N	Substitute AHC (this package)	S	PDIP	20
74LV541PW	NXP Semiconductor		SN74LV541APW		S	TSSOP	20
74LV541PW DH	NXP Semiconductor	tpd, Vs differ	SN74LV541APWR		S	TSSOP	20
74LV541PWDH	NXP Semiconductor		SN74LV541APWR		S	TSSOP	20
74LV573D	NXP Semiconductor		SN74LV573ADW		S	SOIC	20
74LV573DB	NXP Semiconductor		SN74LV573ADBR		S	SSOP	20
74LV573DB-T	NXP Semiconductor		SN74LV573ADBR		S	SSOP	20
74LV573D-T	NXP Semiconductor		SN74LV573ADWR		S	SOIC	20
74LV573N	NXP Semiconductor		SN74AHC573N	Substitute AHC (this package)	S	PDIP	20
74LV573N	NXP Semiconductor		SN74AHC573N		Q	PDIP	20
74LV573PW	NXP Semiconductor		SN74LV573APW		S	TSSOP	20
74LV573PWDH	NXP Semiconductor		SN74LV573APWR		S	TSSOP	20
74LV574D	NXP Semiconductor		SN74LV574ADW		S	SOIC	20
74LV574DB	NXP Semiconductor		SN74LV574ADBR		S	SSOP	20
74LV574DB-T	NXP Semiconductor		SN74LV574ADBR		S	SSOP	20
74LV574D-T	NXP Semiconductor		SN74LV574ADWR		S	SOIC	20
74LV574N	NXP Semiconductor		SN74AHC574N	Substitute AHC (this package)	S	PDIP	20
74LV574PW	NXP Semiconductor		SN74LV574APW		S	TSSOP	20
74LV574PWDH	NXP Semiconductor		SN74LV574APWR		S	TSSOP	20
74LV595D	NXP Semiconductor		SN74LV595AD		S	SOIC	16
74LV595DB	NXP Semiconductor		SN74LV595ADBR		S	SSOP	16
74LV595DB-T	NXP Semiconductor		SN74LV595ADBR		S	SSOP	16
74LV595D-T	NXP Semiconductor		SN74LV595ADR		S	SOIC	16
74LV595N	NXP Semiconductor		SN74AHC595N	Substitute AHC (this package)	S	PDIP	16
74LV595PW	NXP Semiconductor		SN74LV595APWR		S	TSSOP	16
74LV595PWDH	NXP Semiconductor		SN74LV595APWR		S	TSSOP	16
74LV595PW-T	NXP Semiconductor	tpd, Vs differ	SN74LV595APWR		S	TSSOP	16
74LV74D	NXP Semiconductor		SN74LV74AD		S	SOIC	14
74LV74DB	NXP Semiconductor		SN74LV74ADBR		S	SSOP	14

74LV393N — 74LV74DB

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LV74DB-T	NXP Semiconductor		SN74LV74ADBR		S	SSOP	14
74LV74D-T	NXP Semiconductor		SN74LV74ADR		S	SOIC	14
74LV74N	NXP Semiconductor		SN74AHC74N	Substitute AHC (this package)	S	PDIP	14
74LV74PW	NXP Semiconductor		SN74LV74APW		S	TSSOP	14
74LV74PWDH	NXP Semiconductor		SN74LV74APWR		S	TSSOP	14
74LV86D	NXP Semiconductor		SN74LV86AD		S	SOIC	14
74LV86DB	NXP Semiconductor		SN74LV86ADBR		S	SSOP	14
74LV86DB-T	NXP Semiconductor		SN74LV86ADBR		S	SSOP	14
74LV86D-T	NXP Semiconductor		SN74LV86ADR		S	SOIC	14
74LV86N	NXP Semiconductor		SN74AHC86N	Substitute AHC (this package)	S	PDIP	14
74LV86PW	NXP Semiconductor		SN74LV86APW		S	TSSOP	14
74LV86PWDH	NXP Semiconductor		SN74LV86APWR		S	TSSOP	14
74LVC00AD	NXP Semiconductor		SN74LVC00AD		S	SOIC	14
74LVC00ADB	NXP Semiconductor		SN74LVC00ADBR		S	SSOP	14
74LVC00ADB-T	NXP Semiconductor		SN74LVC00ADBR		S	SSOP	14
74LVC00AD-T	NXP Semiconductor		SN74LVC00ADR		S	SOIC	14
74LVC00AM	ST Microelectronics (STM)		SN74LVC00AD		S	SOIC	14
74LVC00AMTR	ST Microelectronics (STM)		SN74LVC00ADR		S	SOIC	14
74LVC00APW	NXP Semiconductor		SN74LVC00APW		S	TSSOP	14
74LVC00APW-T	NXP Semiconductor		SN74LVC00APWR		S	TSSOP	14
74LVC00ATTR	ST Microelectronics (STM)		SN74LVC00APWR		S	TSSOP	14
74LVC02AD	NXP Semiconductor		SN74LVC02AD		S	SOIC	14
74LVC02ADB	NXP Semiconductor		SN74LVC02ADBR		S	SSOP	14
74LVC02ADB-T	NXP Semiconductor		SN74LVC02ADBR		S	SSOP	14
74LVC02AD-T	NXP Semiconductor		SN74LVC02ADR		S	SOIC	14
74LVC02APW	NXP Semiconductor		SN74LVC02APW		S	TSSOP	14
74LVC02APW-T	NXP Semiconductor		SN74LVC02APWR		S	TSSOP	14
74LVC04AD	NXP Semiconductor		SN74LVC04AD		S	SOIC	14
74LVC04ADB	NXP Semiconductor		SN74LVC04ADBR		S	SSOP	14
74LVC04ADB-T	NXP Semiconductor		SN74LVC04ADBR		S	SSOP	14
74LVC04AD-T	NXP Semiconductor		SN74LVC04ADR		S	SOIC	14
74LVC04AM	ST Microelectronics (STM)		SN74LVC04AD		S	SOIC	14
74LVC04AMTR	ST Microelectronics (STM)		SN74LVC04ADR		S	SOIC	14
74LVC04APW	NXP Semiconductor		SN74LVC04APW		S	TSSOP	14
74LVC04APW-T	NXP Semiconductor		SN74LVC04APWR		S	TSSOP	14
74LVC04ATTR	ST Microelectronics (STM)		SN74LVC04APWR		S	TSSOP	14
74LVC06AD	NXP Semiconductor		SN74LVC06AD		S	SOIC	14
74LVC06AD-T	NXP Semiconductor		SN74LVC06ADR		S	SOIC	14
74LVC06APW	NXP Semiconductor		SN74LVC06APW		S	TSSOP	14
74LVC06APW-T	NXP Semiconductor		SN74LVC06APWR		S	TSSOP	14
74LVC07AD	NXP Semiconductor		SN74LVC07AD		S	SOIC	14
74LVC07AD-T	NXP Semiconductor		SN74LVC07ADR		S	SOIC	14
74LVC07APW	NXP Semiconductor		SN74LVC07APW		S	TSSOP	14
74LVC07APW-T	NXP Semiconductor		SN74LVC07APWR		S	TSSOP	14
74LVC08AD	NXP Semiconductor		SN74LVC08AD		S	SOIC	14
74LVC08ADB	NXP Semiconductor		SN74LVC08ADBR		S	SSOP	14
74LVC08ADB-T	NXP Semiconductor		SN74LVC08ADBR		S	SSOP	14
74LVC08AD-T	NXP Semiconductor		SN74LVC08ADR		S	SOIC	14
74LVC08AM	ST Microelectronics (STM)		SN74LVC08AD		S	SOIC	14
74LVC08AMTR	ST Microelectronics (STM)		SN74LVC08ADR		S	SOIC	14
74LVC08APW	NXP Semiconductor		SN74LVC08APW		S	TSSOP	14
74LVC08APW-T	NXP Semiconductor		SN74LVC08APWR		S	TSSOP	14
74LVC08ATTR	ST Microelectronics (STM)		SN74LVC08APWR		S	TSSOP	14
74LVC10AD	NXP Semiconductor		SN74LVC10AD		S	SOIC	14
74LVC10ADB	NXP Semiconductor		SN74LVC10ADBR		S	SSOP	14
74LVC10ADB-T	NXP Semiconductor		SN74LVC10ADBR		S	SSOP	14
74LVC10AD-T	NXP Semiconductor		SN74LVC10ADR		S	SOIC	14
74LVC10APW	NXP Semiconductor		SN74LVC10APW		S	TSSOP	14
74LVC10APW-T	NXP Semiconductor		SN74LVC10APWR		S	TSSOP	14
74LVC125AD	NXP Semiconductor		SN74LVC125AD		S	SOIC	14
74LVC125ADB	NXP Semiconductor		SN74LVC125ADBR		S	SSOP	14
74LVC125ADB-T	NXP Semiconductor		SN74LVC125ADBR		S	SSOP	14
74LVC125ADC	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVC125AD		S	SOIC	14
74LVC125ADC8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVC125ADR		S	SOIC	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LVC125AD-T	NXP Semiconductor		SN74LVC125ADR		S	SOIC	14
74LVC125AM	ST Microelectronics (STM)		SN74LVC125AD	O/P Not 5V tolerant	S	SOIC	14
74LVC125AMTR	ST Microelectronics (STM)		SN74LVC125ADR	O/P Not 5V tolerant	S	SOIC	14
74LVC125APG	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVC125APW		S	TSSOP	14
74LVC125APG8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVC125APWR		S	TSSOP	14
74LVC125APW	NXP Semiconductor		SN74LVC125APW		S	TSSOP	14
74LVC125APW-T	NXP Semiconductor		SN74LVC125APWR		S	TSSOP	14
74LVC125APY	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC125ADBR		S	SSOP	14
74LVC125APY8	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC125ADBR		S	SSOP	14
74LVC125ATTR	ST Microelectronics (STM)		SN74LVC125APWR	O/P Not 5V tolerant	S	TSSOP	14
74LVC126AD	NXP Semiconductor		SN74LVC126AD		S	SOIC	14
74LVC126ADB	NXP Semiconductor		SN74LVC126ADBR		S	SSOP	14
74LVC126ADB-T	NXP Semiconductor		SN74LVC126ADBR		S	SSOP	14
74LVC126AD-T	NXP Semiconductor		SN74LVC126ADR		S	SOIC	14
74LVC126APW	NXP Semiconductor		SN74LVC126APW		S	TSSOP	14
74LVC126APW-T	NXP Semiconductor		SN74LVC126APWR		S	TSSOP	14
74LVC138AD	NXP Semiconductor		SN74LVC138AD		S	SOIC	16
74LVC138ADB	NXP Semiconductor		SN74LVC138ADBR		S	SSOP	16
74LVC138ADB-T	NXP Semiconductor		SN74LVC138ADBR		S	SSOP	16
74LVC138AD-T	NXP Semiconductor		SN74LVC138ADR		S	SOIC	16
74LVC138APW	NXP Semiconductor		SN74LVC138APW		S	TSSOP	16
74LVC138APW-T	NXP Semiconductor		SN74LVC138APWR		S	TSSOP	16
74LVC139D	NXP Semiconductor		SN74LVC139AD		S	SOIC	16
74LVC139DB	NXP Semiconductor	tpd, Vs differ	SN74LVC139ADBR		S	SSOP	16
74LVC139DB-T	NXP Semiconductor		SN74LVC139ADBR		S	SSOP	16
74LVC139D-T	NXP Semiconductor		SN74LVC139ADR		S	SOIC	16
74LVC139PW	NXP Semiconductor		SN74LVC139APW		S	TSSOP	16
74LVC139PW-T	NXP Semiconductor		SN74LVC139APWR		S	TSSOP	16
74LVC14AD	NXP Semiconductor		SN74LVC14AD		S	SOIC	14
74LVC14ADB	NXP Semiconductor		SN74LVC14ADBR		S	SSOP	14
74LVC14ADB-T	NXP Semiconductor		SN74LVC14ADBR		S	SSOP	14
74LVC14AD-T	NXP Semiconductor		SN74LVC14ADR		S	SOIC	14
74LVC14AM	ST Microelectronics (STM)		SN74LVC14AD		S	SOIC	14
74LVC14AMTR	ST Microelectronics (STM)		SN74LVC14ADR		S	SOIC	14
74LVC14APW	NXP Semiconductor		SN74LVC14APW		S	TSSOP	14
74LVC14APW-T	NXP Semiconductor		SN74LVC14APWR		S	TSSOP	14
74LVC14ATTR	ST Microelectronics (STM)		SN74LVC14APWR		S	TSSOP	14
74LVC157AD	NXP Semiconductor		SN74LVC157AD		S	SOIC	16
74LVC157ADB	NXP Semiconductor	I/P tolerance differs	SN74LVC157ADBR		S	SSOP	16
74LVC157ADB-T	NXP Semiconductor		SN74LVC157ADBR		S	SSOP	16
74LVC157AD-T	NXP Semiconductor		SN74LVC157ADR		S	SOIC	16
74LVC157AD-T	NXP Semiconductor	I/P tolerance differs	SN74LVC157ADT		S	SOIC	16
74LVC157APW	NXP Semiconductor		SN74LVC157APW		S	TSSOP	16
74LVC157APWDH	NXP Semiconductor	I/P tolerance differs	SN74LVC157APW		S	TSSOP	16
74LVC157APW-T	NXP Semiconductor		SN74LVC157APWR		S	TSSOP	16
74LVC162244ADGG	NXP Semiconductor		SN74LVC162244ADGGR		S	TSSOP	48
74LVC162244ADGG-T	NXP Semiconductor		SN74LVC162244ADGGR		S	TSSOP	48
74LVC162244ADL	NXP Semiconductor		SN74LVC162244ADL		S	SSOP	48
74LVC162244ADL-T	NXP Semiconductor		SN74LVC162244ADLR		S	SSOP	48
74LVC162245ADG	NXP Semiconductor	I/O tolerance, tpd differ	SN74LVCR16245ADGGR		S	TSSOP	48
74LVC162245ADGG	NXP Semiconductor	I/P tolerance, tpd, Vs differ	SN74LVCR16245ADGGR		S	TSSOP	48
74LVC162245ADGG-T	NXP Semiconductor		SN74LVCR16245ADGGR		S	TSSOP	48
74LVC162245ADL	NXP Semiconductor		SN74LVCR16245ADL		S	SSOP	48
74LVC162245ADL-T	NXP Semiconductor		SN74LVCR16245ADLR		S	SSOP	48
74LVC162245APA	Integrated Device Technology (IDT)	A-port series resistors, B-port +/- 24 mA dirve	SN74LVCR16245ADGGR	A & B-ports have series resistors, +/- 12 mA drive,	Q	TSSOP	48
74LVC162245APA8	Integrated Device Technology (IDT)	A-port series resistors, B-port +/- 24 mA dirve	SN74LVCR16245ADGGR	A & B-ports have series resistors, +/- 12 mA drive	Q	TSSOP	48
74LVC162245APF	Integrated Device Technology (IDT)	A-port series resistors, B-port +/- 24 mA dirve	SN74LVCR16245ADGVR	A & B-ports have series resistors, +/- 12 mA drive,	Q	TSSOP	48
74LVC162245APF8	Integrated Device Technology (IDT)	A-port series resistors, B-port +/- 24 mA dirve	SN74LVCR16245ADGVR	A & B-ports have series resistors, +/- 12 mA drive	Q	TSSOP	48
74LVC16240ADGG	NXP Semiconductor	tpd differs, No Bus-Hold	SN74LVCH16240ADGGR	Bus-Hold	Q	TSSOP	48
74LVC16240ADGG-T	NXP Semiconductor	tpd differs, No Bus-Hold	SN74LVCH16240ADGGR	Bus-Hold	Q	TSSOP	48

74LVC125AD-T — 74LVC16240ADGG-T

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LVC16240ADL	NXP Semiconductor	tpd differs, No Bus-Hold	SN74LVCH16240ADL	Bus-Hold	Q	SSOP	48
74LVC16240ADL-T	NXP Semiconductor	tpd differs, No Bus-Hold	SN74LVCH16240ADLR	Bus-Hold	Q	SSOP	48
74LVC16244ADGG	NXP Semiconductor		SN74LVC16244ADGGR		S	TSSOP	48
74LVC16244ADGG-T	NXP Semiconductor		SN74LVC16244ADGGR		S	TSSOP	48
74LVC16244ADL	NXP Semiconductor		SN74LVC16244ADL		S	SSOP	48
74LVC16244ADL-T	NXP Semiconductor		SN74LVC16244ADLR		S	SSOP	48
74LVC16244AEV	NXP Semiconductor		SN74LVC16244AGQLR		S	VFBGA	56
74LVC16244AEV	NXP Semiconductor	tpd, Vs, I/O tolerance differ	SN74LVC16244AZQLR		S	VFBGA	56
74LVC16245ADGG	NXP Semiconductor	IP tolerance, tpd, Vs differ	SN74LVC16245ADGGR		S	TSSOP	48
74LVC16245ADGG-T	NXP Semiconductor		SN74LVC16245ADGGR		S	TSSOP	48
74LVC16245ADL	NXP Semiconductor		SN74LVC16245ADL		S	SSOP	48
74LVC16245ADL-T	NXP Semiconductor		SN74LVC16245ADLR		S	SSOP	48
74LVC16245AEV	NXP Semiconductor		SN74LVC16245AGQLR		S	VFBGA	56
74LVC16373ADG	NXP Semiconductor		SN74LVC16373ADGGR		S	TSSOP	48
74LVC16373ADGG	NXP Semiconductor		SN74LVC16373ADGGR		S	TSSOP	48
74LVC16373ADGG	NXP Semiconductor		SN74LVC16373ADGGR		S	TSSOP	48
74LVC16373ADGG	NXP Semiconductor	tpd differs	SN74LVC16373ADGGR		S	TSSOP	48
74LVC16373ADGG-T	NXP Semiconductor		SN74LVC16373ADGGR		S	TSSOP	48
74LVC16373ADGG-T	NXP Semiconductor		SN74LVC16373ADGGR		S	TSSOP	48
74LVC16373ADG-T	NXP Semiconductor		SN74LVC16373ADGGR		S	TSSOP	48
74LVC16373ADL	NXP Semiconductor		SN74LVC16373ADL		S	SSOP	48
74LVC16373ADL	NXP Semiconductor	tpd differs	SN74LVCH16373ADL		S	SSOP	48
74LVC16373ADL-T	NXP Semiconductor		SN74LVC16373ADLR		S	SSOP	48
74LVC16373APA	Integrated Device Technology (IDT)		SN74LVC16373ADGGR		S	TSSOP	48
74LVC16373APA8	Integrated Device Technology (IDT)		SN74LVC16373ADGGR		S	TSSOP	48
74LVC16373APF	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVC16373ADGVR		S	TVSOP	48
74LVC16373APF8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVC16373ADGVR		S	TVSOP	48
74LVC16373APV	Integrated Device Technology (IDT)		SN74LVC16373ADL		S	SSOP	48
74LVC16373APV8	Integrated Device Technology (IDT)		SN74LVC16373ADLR		S	SSOP	48
74LVC16374ADGG	NXP Semiconductor		SN74LVC16374ADGGR		S	TSSOP	48
74LVC16374ADGG-T	NXP Semiconductor		SN74LVC16374ADGGR		S	TSSOP	48
74LVC16374ADL	NXP Semiconductor		SN74LVC16374ADL		S	SSOP	48
74LVC16374ADL-T	NXP Semiconductor		SN74LVC16374ADLR		S	SSOP	48
74LVC16374APA	Integrated Device Technology (IDT)		SN74LVC16374ADGGR		S	TSSOP	48
74LVC16374APA8	Integrated Device Technology (IDT)		SN74LVC16374ADGGR		S	TSSOP	48
74LVC16374APF	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVC16374ADGVR		S	TVSOP	48
74LVC16374APF8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVC16374ADGVR		S	TVSOP	48
74LVC16374APF8G	Integrated Device Technology (IDT)	Pb-Free	SN74LVC16374ADGVR		S	TVSOP	48
74LVC16374APFG	Integrated Device Technology (IDT)	Pb-Free	SN74LVC16374ADGVR		S	TVSOP	48
74LVC16374APV	Integrated Device Technology (IDT)		SN74LVC16374ADL		S	SSOP	48
74LVC16374APV8	Integrated Device Technology (IDT)		SN74LVC16374ADLR		S	SSOP	48
74LVC16646APA	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVC16646ADGGR		S	TSSOP	56
74LVC16646APA8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVC16646ADGGR		S	TSSOP	56
74LVC16646APF	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74LVC16646ADGVR		S	TVSOP	56
74LVC16646APF8	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74LVC16646ADGVR		S	TVSOP	56
74LVC16646APV	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVC16646ADL		S	SSOP	56
74LVC16646APV8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVC16646ADLR		S	SSOP	56
74LVC1G00ADY8	Integrated Device Technology (IDT)		SN74LVC1G00DCKR	tpd differs	S	SC-70/EIAJSC88	5
74LVC1G00ADYT/R	Integrated Device Technology (IDT)		SN74LVC1G00DCKR	tpd differs	S	SC-70/EIAJSC88	5
74LVC1G00GV	NXP Semiconductor		SN74LVC1G00DBVR		S	SC-74A/SOT753	5
74LVC1G00GW	NXP Semiconductor		SN74LVC1G00DCKR		S	SC-88A	5
74LVC1G00GW-G	NXP Semiconductor	Green	SN74LVC1G00DCKR		S	SC-70/EIAJSC88	5
74LVC1G02ADY8	Integrated Device Technology (IDT)		SN74LVC1G02DCKR	tpd differs	S	SC-70/EIAJSC88	5
74LVC1G02ADYT/R	Integrated Device Technology (IDT)		SN74LVC1G02DCKR	tpd differs	S	SC-70/EIAJSC88	5
74LVC1G02GV	NXP Semiconductor		SN74LVC1G02DBVR		S	SC-74A/SOT753	5
74LVC1G02GW	NXP Semiconductor		SN74LVC1G02DCKR		S	SC-70	5
74LVC1G02GW-G	NXP Semiconductor	Green	SN74LVC1G02DCKR		S	SC-70/EIAJSC88	5
74LVC1G04ADY8	Integrated Device Technology (IDT)		SN74LVC1G04DCKR	tpd differs	S	SC-70/EIAJSC88	5
74LVC1G04ADYT/R	Integrated Device Technology (IDT)		SN74LVC1G04DCKR	tpd differs	S	SC-70/EIAJSC88	5
74LVC1G04GV	NXP Semiconductor		SN74LVC1G04DBVR		S	SC-74A/SOT753	5
74LVC1G04GW	NXP Semiconductor		SN74LVC1G04DCKR		S	SC-88A	5
74LVC1G04GW-G	NXP Semiconductor	Green	SN74LVC1G04DCKR		S	SC-70/EIAJSC88	5
74LVC1G06ADY8	Integrated Device Technology (IDT)		SN74LVC1G06DCKR	tpd differs	S	SC-70/EIAJSC88	5
74LVC1G06ADYT/R	Integrated Device Technology (IDT)		SN74LVC1G06DCKR	tpd differs	S	SC-70/EIAJSC88	5

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LVC1G06GV	NXP Semiconductor		SN74LVC1G06DBVR		S	SC-74A/SOT753	5
74LVC1G06GW	NXP Semiconductor		SN74LVC1G06DCKR		S	SC-88A	5
74LVC1G06GW-G	NXP Semiconductor	Green	SN74LVC1G06DCKR		S	SC-70/EIAJSC88	5
74LVC1G07ADY8	Integrated Device Technology (IDT)		SN74LVC1G07DCKR	tpd differs	S	SC-70/EIAJSC88	5
74LVC1G07ADYT/R	Integrated Device Technology (IDT)		SN74LVC1G07DCKR	tpd differs	S	SC-70/EIAJSC88	5
74LVC1G07GV	NXP Semiconductor		SN74LVC1G07DBVR		S	SC-74A/SOT753	5
74LVC1G07GW	NXP Semiconductor		SN74LVC1G07DCKR		S	SC-88A	5
74LVC1G07GW-G	NXP Semiconductor	Green	SN74LVC1G07DCKR		S	SC-70/EIAJSC88	5
74LVC1G08ADY8	Integrated Device Technology (IDT)		SN74LVC1G08DCKR	tpd differs	S	SC-70/EIAJSC88	5
74LVC1G08ADYT/R	Integrated Device Technology (IDT)		SN74LVC1G08DCKR	tpd differs	S	SC-70/EIAJSC88	5
74LVC1G08GV	NXP Semiconductor		SN74LVC1G08DBVR		S	SC-74A/SOT753	5
74LVC1G08GW	NXP Semiconductor		SN74LVC1G08DCKR		S	SC-88A	5
74LVC1G08GW-G	NXP Semiconductor	Green	SN74LVC1G08DCKR		S	SC-70/EIAJSC88	5
74LVC1G125ADY8	Integrated Device Technology (IDT)		SN74LVC1G125DCKR	tpd differs	S	SC-70/EIAJSC88	5
74LVC1G125ADYT/R	Integrated Device Technology (IDT)		SN74LVC1G125DCKR	tpd differs	S	SC-70/EIAJSC88	5
74LVC1G125GV	NXP Semiconductor		SN74LVC1G125DBVR		S	SC-74A/SOT753	5
74LVC1G125GW	NXP Semiconductor		SN74LVC1G125DCKR		S	SC-70	5
74LVC1G125GW-G	NXP Semiconductor	Green	SN74LVC1G125DCKR		S	SC-70/EIAJSC88	5
74LVC1G126ADY8	Integrated Device Technology (IDT)		SN74LVC1G126DCKR	tpd differs	S	SC-70/EIAJSC88	5
74LVC1G126ADYT/R	Integrated Device Technology (IDT)		SN74LVC1G126DCKR	tpd differs	S	SC-70/EIAJSC88	5
74LVC1G126GV	NXP Semiconductor		SN74LVC1G126DBVR		S	SC-74A/SOT753	5
74LVC1G126GW	NXP Semiconductor		SN74LVC1G126DCKR		S	SC-88A	5
74LVC1G126GW-G	NXP Semiconductor	Green	SN74LVC1G126DCKR		S	SC-70/EIAJSC88	5
74LVC1G14GV	NXP Semiconductor		SN74LVC1G14DBVR		S	SC-74A/SOT753	5
74LVC1G14GW	NXP Semiconductor		SN74LVC1G14DCKR		S	SC-88A	5
74LVC1G14GW-G	NXP Semiconductor	Green	SN74LVC1G14DCKR		S	SC-70/EIAJSC88	5
74LVC1G14GW-R	NXP Semiconductor		SN74LVC1G14DCKR		S	SOT-353	5
74LVC1G14GW-R	NXP Semiconductor		SN74LVC1G14DCKT		S	SOT-353	5
74LVC1G18GV	NXP Semiconductor		SN74LVC1G18DBVR		S	SC-74/SOT457	6
74LVC1G18GW	NXP Semiconductor		SN74LVC1G18DCKR		S	SC-70/EIAJSC88	6
74LVC1G18GW-G	NXP Semiconductor	Green	SN74LVC1G18DCKR		S	SC-70/EIAJSC88	6
74LVC1G19GV	NXP Semiconductor		SN74LVC1G19DBVR		S	SC-74/SOT457	6
74LVC1G19GW	NXP Semiconductor		SN74LVC1G19DCKR		S	SC-88	6
74LVC1G19GW-G	NXP Semiconductor	Green	SN74LVC1G19DCKR		S	SC-70/EIAJSC88	6
74LVC1G3157GV	NXP Semiconductor	Green	SN74LVC1G3157DBVR	Use 1P1G3157QDBVRQ1 for -40 to 125??C	S	SOT-23	6
74LVC1G3157GV-G	NXP Semiconductor	Green	SN74LVC1G3157DBVR	Use 1P1G3157QDBVRQ1 for -40 to 125??C	S	SOT-23	6
74LVC1G3157GW	NXP Semiconductor	Green	SN74LVC1G3157DCKR	Use 1P1G3157QDCKRQ1 for -40 to 125??C	S	SC70	6
74LVC1G3157GW-G	NXP Semiconductor	Green	SN74LVC1G3157DCKR	Use 1P1G3157QDCKRQ1 for -40 to 125??C	S	SC70	6
74LVC1G32ADY8	Integrated Device Technology (IDT)		SN74LVC1G32DCKR	tpd differs	S	SC-70/EIAJSC88	5
74LVC1G32ADYT/R	Integrated Device Technology (IDT)		SN74LVC1G32DCKR	tpd differs	S	SC-70/EIAJSC88	5
74LVC1G32GV	NXP Semiconductor		SN74LVC1G32DBVR		S	SC-88A/SOT753	5
74LVC1G32GW	NXP Semiconductor		SN74LVC1G32DCKR		S	SC-70	5
74LVC1G32GW-G	NXP Semiconductor	Green	SN74LVC1G32DCKR		S	SC-70/EIAJSC88	5
74LVC1G66GV	NXP Semiconductor		SN74LVC1G66DBVR		S	SC-88A/SOT753	5
74LVC1G66GW	NXP Semiconductor		SN74LVC1G66DCKR		S	SC-70/EIAJSC88	5
74LVC1G66GW-G	NXP Semiconductor	Green	SN74LVC1G66DCKR		S	SC-70/EIAJSC88	5
74LVC1G79ADY8	Integrated Device Technology (IDT)		SN74LVC1G79DCKR	tpd differs	S	SC-70/EIAJSC88	5
74LVC1G79ADYT/R	Integrated Device Technology (IDT)		SN74LVC1G79DCKR	tpd differs	S	SC-70/EIAJSC88	5
74LVC1G79GV	NXP Semiconductor		SN74LVC1G79DBVR		S	SC-88A/SOT753	5
74LVC1G79GW	NXP Semiconductor		SN74LVC1G80DBVR		S	SOT-23	5
74LVC1G79GW	NXP Semiconductor		SN74LVC1G79DCKR		S	SC-88A	5
74LVC1G79GW-G	NXP Semiconductor	Green	SN74LVC1G79DBVT		S	SC-88A	5
74LVC1G79GW-G	NXP Semiconductor	Green	SN74LVC1G79DCKR		S	SC-70/EIAJSC88	5
74LVC1G80GV	NXP Semiconductor		SN74LVC1G79DBVR		S	SOT-23	5
74LVC1G80GV	NXP Semiconductor		SN74LVC1G80DBVR		S	SC-88A/SOT753	5
74LVC1G80GW	NXP Semiconductor		SN74LVC1G80DBVR		S	SC-88A	5
74LVC1G80GW	NXP Semiconductor		SN74LVC1G80DCKR		S	SC-88A	5
74LVC1G80GW-G	NXP Semiconductor	Green	SN74LVC1G80DCKR		S	SC-70/EIAJSC88	5
74LVC1G86ADY8	Integrated Device Technology (IDT)		SN74LVC1G86DCKR	tpd differs	S	SC-70/EIAJSC88	5
74LVC1G86ADYT/R	Integrated Device Technology (IDT)		SN74LVC1G86DCKR	tpd differs	S	SC-70/EIAJSC88	5
74LVC1G86GV	NXP Semiconductor		SN74LVC1G86DBVR		S	SC-88A/SOT753	5
74LVC1G86GW	NXP Semiconductor		SN74LVC1G86DCKR		S	SC-70	5
74LVC1G86GW-G	NXP Semiconductor	Green	SN74LVC1G86DCKR		S	SC-70/EIAJSC88	5
74LVC1GU04ADY8	Integrated Device Technology (IDT)		SN74LVC1GU04DCKR	tpd differs	S	SC-70/EIAJSC88	5

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

74LVC1G06GV — 74LVC1GU04ADY8

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LVC1GU04ADYT/R	Integrated Device Technology (IDT)		SN74LVC1GU04DCKR	tpd differs	S	SC-70/EIAJSC88	5
74LVC1GU04GV	NXP Semiconductor		SN74LVC1GU04DBVR		S	SC-74A	5
74LVC1GU04GW	NXP Semiconductor		SN74LVC1GU04DCKR		S	SC-88A	5
74LVC1GU04GW	NXP Semiconductor		SN74LVC1GU04DCKT		S	SC-88A	5
74LVC1GU04GW-G	NXP Semiconductor	Green	SN74LVC1GU04DCKR		S	SC-70/EIAJSC88	5
74LVC1GU04GW-G	NXP Semiconductor	Green	SN74LVC1GU04DCKT		S	SC-88A	5
74LVC1GX04GV	NXP Semiconductor		SN74LVC1GX04DBVR		S	SC-74/SOT457	6
74LVC1GX04GW	NXP Semiconductor		SN74LVC1GX04DCKR		S	SC-70/EIAJSC88	6
74LVC1GX04GW-G	NXP Semiconductor	Green	SN74LVC1GX04DCKR		S	SC-70/EIAJSC88	6
74LVC2244AD	NXP Semiconductor		SN74LVC2244ADW		S	SOIC	20
74LVC2244ADB	NXP Semiconductor		SN74LVC2244ADBR		S	SSOP	20
74LVC2244ADB-T	NXP Semiconductor		SN74LVC2244ADBR		S	SSOP	20
74LVC2244AD-T	NXP Semiconductor		SN74LVC2244ADWR		S	SOIC	20
74LVC2244APG	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC2244APW		S	TSSOP	20
74LVC2244APG8	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC2244APWR		S	TSSOP	20
74LVC2244APW	NXP Semiconductor		SN74LVC2244APW		S	TSSOP	20
74LVC2244APW-T	NXP Semiconductor		SN74LVC2244APWR		S	TSSOP	20
74LVC2244APY	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC2244ADBR		S	SSOP	20
74LVC2244APY8	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC2244ADBR		S	SSOP	20
74LVC2244AQ	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVC2244ADBQR		S	QSOP	20
74LVC2244AQ8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVC2244ADBQR		S	QSOP	20
74LVC2244ASO	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC2244ADW		S	SOIC	20
74LVC2244ASO8	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC2244ADWR		S	SOIC	20
74LVC240AD	NXP Semiconductor		SN74LVC240ADW		S	SOIC	20
74LVC240ADB	NXP Semiconductor		SN74LVC240ADBR		S	SSOP	20
74LVC240ADB-T	NXP Semiconductor		SN74LVC240ADBR		S	SSOP	20
74LVC240AD-T	NXP Semiconductor		SN74LVC240ADWR		S	SOIC	20
74LVC240APW	NXP Semiconductor		SN74LVC240APW		S	TSSOP	20
74LVC240APW-T	NXP Semiconductor		SN74LVC240APWR		S	TSSOP	20
74LVC244AD	NXP Semiconductor		SN74LVC244ADW		S	SOIC	20
74LVC244ADB	NXP Semiconductor		SN74LVC244ADBR		S	SSOP	20
74LVC244ADB-T	NXP Semiconductor		SN74LVC244ADBR		S	SSOP	20
74LVC244AD-T	NXP Semiconductor		SN74LVC244ADWR		S	SOIC	20
74LVC244AM	ST Microelectronics (STM)		SN74LVC244ADW		S	SOIC	20
74LVC244AMTR	ST Microelectronics (STM)		SN74LVC244ADWR		S	SOIC	20
74LVC244APG	Integrated Device Technology (IDT)		SN74LVC244APW		S	TSSOP	20
74LVC244APG8	Integrated Device Technology (IDT)		SN74LVC244APWR		S	TSSOP	20
74LVC244APW	NXP Semiconductor		SN74LVC244APW		S	TSSOP	20
74LVC244APW-T	NXP Semiconductor		SN74LVC244APWR		S	TSSOP	20
74LVC244APY	Integrated Device Technology (IDT)		SN74LVC244ADBR		S	SSOP	20
74LVC244APY8	Integrated Device Technology (IDT)		SN74LVC244ADBR		S	SSOP	20
74LVC244ASO	Integrated Device Technology (IDT)		SN74LVC244ADW		S	SOIC	20
74LVC244ASO8	Integrated Device Technology (IDT)		SN74LVC244ADWR		S	SOIC	20
74LVC244ATTR	ST Microelectronics (STM)		SN74LVC244APWR		S	TSSOP	20
74LVC245AD	NXP Semiconductor		SN74LVC245ADW		S	SOIC	20
74LVC245ADB	NXP Semiconductor		SN74LVC245ADBR		S	SSOP	20
74LVC245ADB	NXP Semiconductor		SN74LVC245ADBR		S	SSOP	20
74LVC245ADB-T	NXP Semiconductor		SN74LVC245ADBR		S	SSOP	20
74LVC245AD-T	NXP Semiconductor		SN74LVC245ADWR		S	SOIC	20
74LVC245AM	ST Microelectronics (STM)		SN74LVC245ADW		S	SOIC	20
74LVC245AMTR	ST Microelectronics (STM)		SN74LVC245ADWR		S	SOIC	20
74LVC245APW	NXP Semiconductor		SN74LVC245APW		S	TSSOP	20
74LVC245APW-T	NXP Semiconductor		SN74LVC245APWR		S	TSSOP	20
74LVC245ATTR	ST Microelectronics (STM)		SN74LVC245APWR		S	TSSOP	20
74LVC257AD	NXP Semiconductor		SN74LVC257AD		S	SOIC	16
74LVC257ADB	NXP Semiconductor	I/P tolerance differs	SN74LVC257ADBR		S	SSOP	16
74LVC257ADB-T	NXP Semiconductor		SN74LVC257ADBR		S	SSOP	16
74LVC257AD-T	NXP Semiconductor		SN74LVC257ADR		S	SOIC	16
74LVC257APW	NXP Semiconductor		SN74LVC257APW		S	TSSOP	16
74LVC257APWDH	NXP Semiconductor	I/P tolerance differs	SN74LVC257APW		S	TSSOP	16
74LVC257APW-T	NXP Semiconductor	I/P tolerance differs	SN74LVC257APWR		S	TSSOP	16
74LVC2952AD	NXP Semiconductor		SN74LVC2952ADW		S	SOIC	24
74LVC2952ADB	NXP Semiconductor	IP tolerance, tpd, Vs differ	SN74LVC2952ADBR		S	SSOP	24
74LVC2952ADB-T	NXP Semiconductor		SN74LVC2952ADBR		S	SSOP	24

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LVC2952AD-T	NXP Semiconductor		SN74LVC2952ADWR		S	SOIC	24
74LVC2952APW	NXP Semiconductor		SN74LVC2952APW		S	TSSOP	24
74LVC2952APW-T	NXP Semiconductor		SN74LVC2952APWR		S	TSSOP	24
74LVC2G04GV	NXP Semiconductor		SN74LVC2G04DBVR		S	SC-74	6
74LVC2G04GW	NXP Semiconductor		SN74LVC2G04DCKR		S	SOT-363	6
74LVC2G04GW-G	NXP Semiconductor		SN74LVC2G04DCKR		S	SC-70/EIAJSC88	6
74LVC2G06GV	NXP Semiconductor		SN74LVC2G06DBVR		S	SC-74/SOT457	6
74LVC2G06GW	NXP Semiconductor		SN74LVC2G06DCKR		S	SC-88	6
74LVC2G06GW-G	NXP Semiconductor		SN74LVC2G06DCKR		S	SC-70/EIAJSC88	6
74LVC2G07GV	NXP Semiconductor		SN74LVC2G07DBVR		S	SC-74/SOT457	6
74LVC2G07GW	NXP Semiconductor		SN74LVC2G07DCKR		S	SC-88	6
74LVC2G07GW-G	NXP Semiconductor	tpd differs	SN74LVC2G07DCKR		S	SOT-363	6
74LVC2G08DP	NXP Semiconductor		SN74LVC2G08DCTR		S	SM8	8
74LVC2G125DP	NXP Semiconductor		SN74LVC2G125DCTR		S	SM8	8
74LVC2G126DP	NXP Semiconductor		SN74LVC2G126DCTR		S	SM8	8
74LVC2G14GV	NXP Semiconductor		SN74LVC2G14DBVR		S	SC-74/SOT457	6
74LVC2G14GW	NXP Semiconductor		SN74LVC2G14DCKR		S	SOT-363	6
74LVC2G14GW-G	NXP Semiconductor		SN74LVC2G14DCKR		S	SC-70/EIAJSC88	6
74LVC2G17GV	NXP Semiconductor		SN74LVC2G17DBVR		S	SC-74/SOT457	6
74LVC2G17GW	NXP Semiconductor	I/O tolerance, tpd differ	SN74LVC2G17DCKR		S	SC-88	6
74LVC2G17GW-G	NXP Semiconductor		SN74LVC2G17DCKR		S	SC-70/EIAJSC88	6
74LVC2G240DP	NXP Semiconductor		SN74LVC2G240DCTR		S	SM8	8
74LVC2G241DP	NXP Semiconductor		SN74LVC2G241DCTR		S	SM8	8
74LVC2G34GW	NXP Semiconductor		SN74LVC2G34DCKR		S	SC-88	6
74LVC2G34GW-G	NXP Semiconductor		SN74LVC2G34DCKR		S	SC-70/EIAJSC88	6
74LVC2GU04GV	NXP Semiconductor		SN74LVC2GU04DBVR		S	SC-74	6
74LVC2GU04GW	NXP Semiconductor		SN74LVC2GU04DCKR		S	SOT-363	6
74LVC2GU04GW-G	NXP Semiconductor		SN74LVC2GU04DCKR		S	SC-70/EIAJSC88	6
74LVC32244AEC	NXP Semiconductor		SN74LVCH32244AKR		Q	LFBGA	96
74LVC32244AEC	NXP Semiconductor		SN74LVC32244GKER		S	LFBGA	96
74LVC32244AEC	NXP Semiconductor	tpd differs	SN74LVC32244ZKER		S	LFBGA	96
74LVC32245AEC	NXP Semiconductor		SN74LVC32245GKER		S	LFBGA	96
74LVC32AD	NXP Semiconductor		SN74LVC32AD		S	SOIC	14
74LVC32ADB	NXP Semiconductor		SN74LVC32ADBR		S	SSOP	14
74LVC32ADB-T	NXP Semiconductor		SN74LVC32ADBR		S	SSOP	14
74LVC32AD-T	NXP Semiconductor		SN74LVC32ADR		S	SOIC	14
74LVC32AM	ST Microelectronics (STM)		SN74LVC32AD		S	SOIC	14
74LVC32AMTR	ST Microelectronics (STM)		SN74LVC32ADR		S	SOIC	14
74LVC32APW	NXP Semiconductor		SN74LVC32APW		S	TSSOP	14
74LVC32APW-T	NXP Semiconductor		SN74LVC32APWR		S	TSSOP	14
74LVC32ATTR	ST Microelectronics (STM)		SN74LVC32APWR		S	TSSOP	14
74LVC373AD	NXP Semiconductor		SN74LVC373ADW		S	SOIC	20
74LVC373ADB	NXP Semiconductor		SN74LVC373ADBR		S	SSOP	20
74LVC373ADB-T	NXP Semiconductor		SN74LVC373ADBR		S	SSOP	20
74LVC373AD-T	NXP Semiconductor		SN74LVC373ADWR		S	SOIC	20
74LVC373AM	ST Microelectronics (STM)		SN74LVC373ADW		S	SOIC	20
74LVC373AMTR	ST Microelectronics (STM)		SN74LVC373ADWR		S	SOIC	20
74LVC373APW	NXP Semiconductor		SN74LVC373APW		S	TSSOP	20
74LVC373APWDH	NXP Semiconductor		SN74LVC373APW		S	TSSOP	20
74LVC373APW-T	NXP Semiconductor		SN74LVC373APWR		S	TSSOP	20
74LVC373ATTR	ST Microelectronics (STM)		SN74LVC373APWR		S	TSSOP	20
74LVC374AD	NXP Semiconductor		SN74LVC374ADW		S	SOIC	20
74LVC374AD	NXP Semiconductor	tpd differs	SN74LVC374ADWE4		S	SOIC	20
74LVC374ADB	NXP Semiconductor		SN74LVC374ADBR		S	SSOP	20
74LVC374ADB-T	NXP Semiconductor		SN74LVC374ADBR		S	SSOP	20
74LVC374ADB-T	NXP Semiconductor	tpd differs	SN74LVC374ADBRE4		S	SSOP	20
74LVC374AD-T	NXP Semiconductor		SN74LVC374ADWR		S	SOIC	20
74LVC374APG	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC374APW		S	TSSOP	20
74LVC374APG8	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC374APWR		S	TSSOP	20
74LVC374APW	NXP Semiconductor		SN74LVC374APW		S	TSSOP	20
74LVC374APW-T	NXP Semiconductor		SN74LVC374APWR		S	TSSOP	20
74LVC374APY	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC374ADBR		S	SSOP	20
74LVC374APY8	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC374ADBR		S	SSOP	20
74LVC374ASO	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC374ADW		S	SOIC	20

74LVC2952AD-T — 74LVC374ASO

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LVC374ASO8	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC374ADWR		S	SOIC	20
74LVC4245AD	NXP Semiconductor		SN74LVC4245ADW		S	SOIC	24
74LVC4245ADB	NXP Semiconductor	tpd, Vs differ	SN74LVC4245ADBR		S	SSOP	24
74LVC4245ADB-T	NXP Semiconductor		SN74LVC4245ADBR		S	SSOP	24
74LVC4245ADH	NXP Semiconductor		SN74LVC4245APW		S	TSSOP	24
74LVC4245ADH-T	NXP Semiconductor		SN74LVC4245APWR		S	TSSOP	24
74LVC4245AD-T	NXP Semiconductor		SN74LVC4245ADWR		S	SOIC	24
74LVC541AD	NXP Semiconductor		SN74LVC541ADW		S	SOIC	20
74LVC541ADB	NXP Semiconductor		SN74LVC541ADBR		S	SSOP	20
74LVC541ADB-T	NXP Semiconductor		SN74LVC541ADBR		S	SSOP	20
74LVC541AD-T	NXP Semiconductor		SN74LVC541ADWR		S	SOIC	20
74LVC541APW	NXP Semiconductor		SN74LVC541APW		S	TSSOP	20
74LVC541APW-T	NXP Semiconductor		SN74LVC541APWR		S	TSSOP	20
74LVC543AD	NXP Semiconductor		SN74LVC543ADW		S	SOIC	20
74LVC543ADB	NXP Semiconductor	Vs differs	SN74LVC543ADBR		S	SSOP	24
74LVC543ADB-T	NXP Semiconductor		SN74LVC543ADBR		S	SSOP	20
74LVC543AD-T	NXP Semiconductor		SN74LVC543ADWR		S	SOIC	20
74LVC543APW	NXP Semiconductor		SN74LVC543APW		S	TSSOP	20
74LVC543APW-T	NXP Semiconductor		SN74LVC543APWR		S	TSSOP	20
74LVC573AD	NXP Semiconductor		SN74LVC573ADW		S	SOIC	20
74LVC573ADB	NXP Semiconductor	I/O tolerance, tpd differ	SN74LVC573ADBR		S	SSOP	20
74LVC573ADB-T	NXP Semiconductor	I/O tolerance, tpd differ	SN74LVC573ADBR		S	SSOP	20
74LVC573AD-T	NXP Semiconductor		SN74LVC573ADWR		S	SOIC	20
74LVC573AM	ST Microelectronics (STM)		SN74LVC573ADW		S	SOIC	20
74LVC573AMTR	ST Microelectronics (STM)		SN74LVC573ADWR		S	SOIC	20
74LVC573APW	NXP Semiconductor		SN74LVC573APW		S	TSSOP	20
74LVC573APW-T	NXP Semiconductor		SN74LVC573APWR		S	TSSOP	20
74LVC573ATTR	ST Microelectronics (STM)		SN74LVC573APWR		S	TSSOP	20
74LVC574AD	NXP Semiconductor		SN74LVC574ADW		S	SOIC	20
74LVC574AD	NXP Semiconductor	tpd differs	SN74LVC574ADWE4		S	SOIC	20
74LVC574ADB	NXP Semiconductor		SN74LVC574ADBR		S	SSOP	20
74LVC574ADB-T	NXP Semiconductor		SN74LVC574ADBR		S	SSOP	20
74LVC574ADB-T	NXP Semiconductor	tpd differs	SN74LVC574ADBRE4		S	SSOP	20
74LVC574AD-T	NXP Semiconductor		SN74LVC574ADWR		S	SOIC	20
74LVC574APW	NXP Semiconductor		SN74LVC574APW		S	TSSOP	20
74LVC574APW-T	NXP Semiconductor		SN74LVC574APWR		S	TSSOP	20
74LVC646AD	NXP Semiconductor		SN74LVC646ADW		S	SOIC	24
74LVC646ADB	NXP Semiconductor	tpd, Vs differ	SN74LVC646ADBR		S	SSOP	24
74LVC646ADB-T	NXP Semiconductor		SN74LVC646ADBR		S	SSOP	24
74LVC646AD-T	NXP Semiconductor		SN74LVC646ADWR		S	SOIC	24
74LVC646APW	NXP Semiconductor		SN74LVC646APW		S	TSSOP	24
74LVC646APW-T	NXP Semiconductor		SN74LVC646APWR		S	TSSOP	24
74LVC74AD	NXP Semiconductor		SN74LVC74AD		S	SOIC	14
74LVC74AD	NXP Semiconductor	tpd differs	SN74LVC74ADE4		S	SOIC	14
74LVC74AD	NXP Semiconductor	tpd differs	SN74LVC74ADG4		S	SOIC	14
74LVC74ADB	NXP Semiconductor		SN74LVC74ADBR		S	SSOP	14
74LVC74ADB-T	NXP Semiconductor		SN74LVC74ADBR		S	SSOP	14
74LVC74ADB-T	NXP Semiconductor	tpd differs	SN74LVC74ADBRG4		S	SSOP	14
74LVC74AD-T	NXP Semiconductor		SN74LVC74ADR		S	SOIC	14
74LVC74AD-T	NXP Semiconductor	tpd differs	SN74LVC74ADRE4		S	SOIC	14
74LVC74AD-T	NXP Semiconductor	tpd differs	SN74LVC74ADRG4		S	SOIC	14
74LVC74APW	NXP Semiconductor		SN74LVC74APW		S	TSSOP	14
74LVC74APW-T	NXP Semiconductor		SN74LVC74APWR		S	TSSOP	14
74LVC821AD	NXP Semiconductor		SN74LVC821ADW		S	SOIC	24
74LVC821ADB	NXP Semiconductor		SN74LVC821ADBR		S	SSOP	24
74LVC821ADB-T	NXP Semiconductor		SN74LVC821ADBR		S	SSOP	24
74LVC821AD-T	NXP Semiconductor		SN74LVC821ADWR		S	SOIC	24
74LVC821APW	NXP Semiconductor		SN74LVC821APW		S	TSSOP	24
74LVC821APW-T	NXP Semiconductor		SN74LVC821APWR		S	TSSOP	24
74LVC823AD	NXP Semiconductor		SN74LVC823ADW		S	SOIC	24
74LVC823ADB	NXP Semiconductor		SN74LVC823ADBR		S	SSOP	24
74LVC823ADB-T	NXP Semiconductor		SN74LVC823ADBR		S	SSOP	24
74LVC823AD-T	NXP Semiconductor		SN74LVC823ADWR		S	SOIC	24
74LVC823APW	NXP Semiconductor		SN74LVC823APW		S	TSSOP	24

#### Replacement Codes

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LVC823APW-T	NXP Semiconductor		SN74LVC823APWR		S	TSSOP	24
74LVC827AD	NXP Semiconductor		SN74LVC827ADW		S	SOIC	24
74LVC827ADB	NXP Semiconductor		SN74LVC827ADBR		S	SSOP	24
74LVC827ADB-T	NXP Semiconductor		SN74LVC827ADBR		S	SSOP	24
74LVC827AD-T	NXP Semiconductor		SN74LVC827ADWR		S	SOIC	24
74LVC827APW	NXP Semiconductor		SN74LVC827APW		S	TSSOP	24
74LVC827APW-T	NXP Semiconductor		SN74LVC827APWR		S	TSSOP	24
74LVC841AD	NXP Semiconductor		SN74LVC841ADW		S	SOIC	24
74LVC841ADB	NXP Semiconductor		SN74LVC841ADBR		S	SSOP	24
74LVC841ADB-T	NXP Semiconductor		SN74LVC841ADBR		S	SSOP	24
74LVC841AD-T	NXP Semiconductor		SN74LVC841ADWR		S	SOIC	24
74LVC841APW	NXP Semiconductor		SN74LVC841APW		S	TSSOP	24
74LVC841APW-T	NXP Semiconductor		SN74LVC841APWR		S	TSSOP	24
74LVC86AD	NXP Semiconductor		SN74LVC86AD		S	SOIC	14
74LVC86ADB	NXP Semiconductor		SN74LVC86ADBR		S	SSOP	14
74LVC86ADB-T	NXP Semiconductor		SN74LVC86ADBR		S	SSOP	14
74LVC86AD-T	NXP Semiconductor		SN74LVC86ADR		S	SOIC	14
74LVC86AM	ST Microelectronics (STM)		SN74LVC86AD		S	SOIC	14
74LVC86AMTR	ST Microelectronics (STM)		SN74LVC86ADR		S	SOIC	14
74LVC86APW	NXP Semiconductor		SN74LVC86APW		S	TSSOP	14
74LVC86APW-T	NXP Semiconductor		SN74LVC86APWR		S	TSSOP	14
74LVC86ATTR	ST Microelectronics (STM)		SN74LVC86APWR		S	TSSOP	14
74LVCH162244ADGG	NXP Semiconductor	tpd differs	SN74LVCH162244AGR		S	TSSOP	48
74LVCH162244ADGG-T	NXP Semiconductor		SN74LVCH162244AGR		S	TSSOP	48
74LVCH162244ADL	NXP Semiconductor		SN74LVCH162244ADL		S	SSOP	48
74LVCH162244ADL-T	NXP Semiconductor		SN74LVCH162244ADLR		S	SSOP	48
74LVCH162244APA	Integrated Device Technology (IDT)		SN74LVCH162244AGR		S	TSSOP	48
74LVCH162244APA8	Integrated Device Technology (IDT)		SN74LVCH162244AGR		S	TSSOP	48
74LVCH162244APA8G	Integrated Device Technology (IDT)	Pb-Free	SN74LVCH162244AGR		S	TSSOP	48
74LVCH162244APAG	Integrated Device Technology (IDT)	Pb-Free	SN74LVCH162244AGR		S	TSSOP	48
74LVCH162244APF	Integrated Device Technology (IDT)		SN74LVCH162244AVR		S	TVSOP	48
74LVCH162244APF8	Integrated Device Technology (IDT)		SN74LVCH162244AVR		S	TVSOP	48
74LVCH162244APV	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH162244ADL		S	SSOP	48
74LVCH162244APV8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH162244ADLR		S	SSOP	48
74LVCH162245ADGG	NXP Semiconductor	IP tolerance, tpd, Vs differ	SN74LVCHR16245AGR		S	TSSOP	48
74LVCH162245ADGG-T	NXP Semiconductor		SN74LVCHR16245AGR		S	TSSOP	48
74LVCH162245ADL	NXP Semiconductor	IP tolerance, tpd, Vs differ	SN74LVCHR16245ALR		S	SSOP	48
74LVCH162245ADL-T	NXP Semiconductor		SN74LVCHR16245ALR		S	SSOP	48
74LVCH16244ADGG	NXP Semiconductor		SN74LVCH16244ADGGR		S	TSSOP	48
74LVCH16244ADGG-T	NXP Semiconductor		SN74LVCH16244ADGGR		S	TSSOP	48
74LVCH16244ADL	NXP Semiconductor		SN74LVCH16244ADL		S	SSOP	48
74LVCH16244ADL-T	NXP Semiconductor		SN74LVCH16244ADLR		S	SSOP	48
74LVCH16244AEV	NXP Semiconductor		SN74LVCH16244AGQLR		S	VFBGA	56
74LVCH16245ADGG	NXP Semiconductor	IP tolerance, tpd differ	SN74LVCH16245ADGGR		S	TSSOP	48
74LVCH16245ADGG-T	NXP Semiconductor		SN74LVCH16245ADGGR		S	TSSOP	48
74LVCH16245ADL	NXP Semiconductor		SN74LVCH16245ADL		S	SSOP	48
74LVCH16245ADL-T	NXP Semiconductor		SN74LVCH16245ADLR		S	SSOP	48
74LVCH16245AEV	NXP Semiconductor		SN74LVCH16245AGQLR		S	VFBGA	56
74LVCH16245APA	Integrated Device Technology (IDT)		SN74LVCH16245ADGGR		S	TSSOP	48
74LVCH16245APA8	Integrated Device Technology (IDT)		SN74LVCH16245ADGGR		S	TSSOP	48
74LVCH16245APA8G	Integrated Device Technology (IDT)	Green	SN74LVCH16245ADGGR		S	TSSOP	48
74LVCH16245APAG	Integrated Device Technology (IDT)	Green	SN74LVCH16245ADGGR		S	TSSOP	48
74LVCH16245APF	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH16245ADGVR		S	TVSOP	48
74LVCH16245APF8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH16245ADGVR		S	TVSOP	48
74LVCH16245APV	Integrated Device Technology (IDT)		SN74LVCH16245ADL		S	SSOP	48
74LVCH16245APV8	Integrated Device Technology (IDT)		SN74LVCH16245ADLR		S	SSOP	48
74LVCH16245APV8G	Integrated Device Technology (IDT)	Green	SN74LVCH16245ADLR		S	SSOP	48
74LVCH16245APVG	Integrated Device Technology (IDT)	Green	SN74LVCH16245ADL		S	SSOP	48
74LVCH16373ADG	NXP Semiconductor		SN74LVCH16373ADGGR		S	TSSOP	48
74LVCH16373ADGG	NXP Semiconductor		SN74LVCH16373ADGGR		S	TSSOP	48
74LVCH16373ADGG-T	NXP Semiconductor		SN74LVCH16373ADGGR		S	TSSOP	48
74LVCH16373ADG-T	NXP Semiconductor		SN74LVCH16373ADGGR		S	TSSOP	48
74LVCH16373ADL	NXP Semiconductor		SN74LVCH16373ADL		S	SSOP	48
74LVCH16373ADL-T	NXP Semiconductor		SN74LVCH16373ADLR		S	SSOP	48

74LVC823APW-T — 74LVCH16373ADL-T

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LVCH16373APV	Integrated Device Technology (IDT)		SN74LVCH16373ADL		S	SSOP	48
74LVCH16373APV8	Integrated Device Technology (IDT)		SN74LVCH16373ADLR		S	SSOP	48
74LVCH16374ADGG	NXP Semiconductor		SN74LVCH16374ADGGR		S	TSSOP	48
74LVCH16374ADGG-T	NXP Semiconductor		SN74LVCH16374ADGGR		S	TSSOP	48
74LVCH16374ADL	NXP Semiconductor		SN74LVCH16374ADL		S	SSOP	48
74LVCH16374ADL-T	NXP Semiconductor		SN74LVCH16374ADLR		S	SSOP	48
74LVCH16541ADGG	NXP Semiconductor		SN74LVCH16541ADGGR		S	TSSOP	48
74LVCH16541ADGG-T	NXP Semiconductor		SN74LVCH16541ADGGR		S	TSSOP	48
74LVCH16541ADL	NXP Semiconductor		SN74LVCH16541ADL		S	SSOP	48
74LVCH16541ADL-T	NXP Semiconductor		SN74LVCH16541ADLR		S	SSOP	48
74LVCH16543APA	Integrated Device Technology (IDT)		SN74LVCH16543ADGGR		S	TSSOP	56
74LVCH16543APA8	Integrated Device Technology (IDT)		SN74LVCH16543ADGGR		S	TSSOP	56
74LVCH16543APAG	Integrated Device Technology (IDT)	Green	SN74LVCH16543ADGGR		S	TSSOP	56
74LVCH16543APAG8	Integrated Device Technology (IDT)	Green	SN74LVCH16543ADGGR		S	TSSOP	56
74LVCH16543APF	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74LVCH16543ADGVR		S	TVSOP	56
74LVCH16543APF8	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74LVCH16543ADGVR		S	TVSOP	56
74LVCH16543APV	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH16543ADL		S	SSOP	56
74LVCH16543APV8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH16543ADLR		S	SSOP	56
74LVCH244AD	NXP Semiconductor		SN74LVCH244ADW		S	SOIC	20
74LVCH244ADB	NXP Semiconductor		SN74LVCH244ADBR		S	SSOP	20
74LVCH244ADB-T	NXP Semiconductor		SN74LVCH244ADBR		S	SSOP	20
74LVCH244AD-T	NXP Semiconductor		SN74LVCH244ADWR		S	SOIC	20
74LVCH244APG	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH244APW		S	TSSOP	20
74LVCH244APG8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH244APWR		S	TSSOP	20
74LVCH244APW	NXP Semiconductor		SN74LVCH244APW		S	TSSOP	20
74LVCH244APW-T	NXP Semiconductor		SN74LVCH244APWR		S	TSSOP	20
74LVCH244APY	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH244ADBR		S	SSOP	20
74LVCH244APY8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH244ADBR		S	SSOP	20
74LVCH244AQ	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH244ADBQR		S	SSOP/QSOP	20
74LVCH244AQ8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH244ADBQR		S	SSOP/QSOP	20
74LVCH245AD	NXP Semiconductor		SN74LVCH245ADW		S	SOIC	20
74LVCH245ADB	NXP Semiconductor	I/P tolerance, Vs differ	SN74LVCH245ADBR		S	SSOP	20
74LVCH245ADB-T	NXP Semiconductor		SN74LVCH245ADBR		S	SSOP	20
74LVCH245AD-T	NXP Semiconductor		SN74LVCH245ADWR		S	SOIC	20
74LVCH245APG	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH245APW		S	TSSOP	20
74LVCH245APG8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH245APWR		S	TSSOP	20
74LVCH245APW	NXP Semiconductor		SN74LVCH245APW		S	TSSOP	20
74LVCH245APW-T	NXP Semiconductor		SN74LVCH245APWR		S	TSSOP	20
74LVCH245APY	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH245ADBR		S	SSOP	20
74LVCH245APY8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH245ADBR		S	SSOP	20
74LVCH32244AEC	NXP Semiconductor		SN74LVCH32244AKR		S	LFPGA	96
74LVCH32244ABF	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH32244AGKER		S	CABGA	96
74LVCH32244ABF8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH32244AGKER		S	CABGA	96
74LVCH32244AEC	NXP Semiconductor		SN74LVCH32244AGKER		S	LFPGA	96
74LVCH32244AEC	NXP Semiconductor	tpd differs	SN74LVCH32244AZKER		S	LFPGA	96
74LVCH32245ABF	Integrated Device Technology (IDT)		SN74LVCH32245AGKER		S	LFPGA	96
74LVCH32245ABF8	Integrated Device Technology (IDT)		SN74LVCH32245AGKER		S	LFPGA	96
74LVCH32245AEC	NXP Semiconductor		SN74LVCH32245AGKER		S	LFPGA	96
74LVCH32245AEC	NXP Semiconductor	IP tolerance, tpd, Vs differ	SN74LVCH32245AZKER		S	LFPGA	96
74LVCH32373AEC	NXP Semiconductor		SN74LVCH32373AGKER		S	LFPGA	96
74LVCH32373AEC	NXP Semiconductor		SN74LVCH32373AZKER		S	LFPGA	96
74LVCH32374AEC	NXP Semiconductor		SN74LVCH32374AGKER		S	LFPGA	96
74LVCH32374AEC	NXP Semiconductor	tpd differs	SN74LVCH32374AZKER		S	LFPGA	96
74LVCHR162245APA	Integrated Device Technology (IDT)		SN74LVCHR16245AGR		S	TSSOP	48
74LVCHR162245APA8	Integrated Device Technology (IDT)		SN74LVCHR16245AGR		S	TSSOP	48
74LVCHR162245APAG	Integrated Device Technology (IDT)	Green	SN74LVCHR16245AGR		S	TSSOP	48
74LVCHR162245APAG8	Integrated Device Technology (IDT)	Green	SN74LVCHR16245AGR		S	TSSOP	48
74LVCHR162245APF	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCHR16245AVR		S	TVSOP	48
74LVCHR162245APF8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCHR16245AVR		S	TVSOP	48
74LVCHR162245APV	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCHR16245ALR		S	SSOP	48
74LVCHR162245APV8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCHR16245ALR		S	SSOP	48
74LVCR162245APA	Integrated Device Technology (IDT)		SN74LVCR16245ADGGR		S	TSSOP	48
74LVCR162245APF	Integrated Device Technology (IDT)		SN74LVCR16245ADGVR		S	TVSOP	48
74LVCR162245APV	Integrated Device Technology (IDT)		SN74LVCR16245ADL		S	SSOP	48

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Orderable Part Number	Competition		Texas Instruments		Replacement Code	Package Type	Pins
	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LVCR2245APG	Integrated Device Technology (IDT)	Discontinued PDN L-04-01R1, 04/26/2004	SN74LVCR2245APW		S	TSSOP	20
74LVCR2245APG8	Integrated Device Technology (IDT)	Discontinued PDN L-04-01R1, 04/26/2004	SN74LVCR2245APWR		S	TSSOP	20
74LVCR2245APY	Integrated Device Technology (IDT)	Discontinued PDN L-04-01R1, 04/26/2004	SN74LVCR2245ADBR		S	SSOP	20
74LVCR2245APY8	Integrated Device Technology (IDT)	Discontinued PDN L-04-01R1, 04/26/2004	SN74LVCR2245ADBR		S	SSOP	20
74LVCR2245AQ	Integrated Device Technology (IDT)	Discontinued PDN L-04-01R1, 04/26/2004	SN74LVCR2245ADBQR		S	SSOP/QSOP	20
74LVCR2245AQ8	Integrated Device Technology (IDT)	Discontinued PDN L-04-01R1, 04/26/2004	SN74LVCR2245ADBQR		S	SSOP/QSOP	20
74LVCR2245ASO	Integrated Device Technology (IDT)	Discontinued PDN L-04-01R1, 04/26/2004	SN74LVCR2245ADW		S	SOIC	20
74LVCR2245ASO8	Integrated Device Technology (IDT)	Discontinued PDN L-04-01R1, 04/26/2004	SN74LVCR2245ADWR		S	SOIC	20
74LVCU04AD	NXP Semiconductor		SN74LVCU04AD		S	SOIC	14
74LVCU04AD	NXP Semiconductor		SN74LVCU04ADR		S	SOIC	14
74LVCU04AD	NXP Semiconductor		SN74LVCU04AD		S	SOIC	14
74LVCU04ADB	NXP Semiconductor		SN74LVCU04ADBR		S	SSOP	14
74LVCU04ADB-T	NXP Semiconductor		SN74LVCU04ADBR		S	SSOP	14
74LVCU04AD-T	NXP Semiconductor		SN74LVCU04ADBR		S	SOP	14
74LVCU04AD-T	NXP Semiconductor		SN74LVCU04ADR		S	SOIC	14
74LVCU04AM	ST Microelectronics (STM)		SN74LVCU04AD		S	SOIC	14
74LVCU04AMTR	ST Microelectronics (STM)		SN74LVCU04ADR		S	SOIC	14
74LVCU04APW	NXP Semiconductor		SN74LVCU04APW		S	TSSOP	14
74LVCU04APW-T	NXP Semiconductor		SN74LVCU04APWR		S	TSSOP	14
74LVCU04ATTR	ST Microelectronics (STM)		SN74LVCU04APWR		S	TSSOP	14
74LVQ00M	ST Microelectronics (STM)		SN74LVC00AD		Q	SOIC	14
74LVQ00MTR	ST Microelectronics (STM)		SN74LVC00ADR		Q	SOIC	14
74LVQ00SC	Fairchild Semiconductor		SN74LVC00AD		Q	SOIC	14
74LVQ00SCX	Fairchild Semiconductor		SN74LVC00ADR		Q	SOIC	14
74LVQ00SJ	Fairchild Semiconductor		SN74LVC00ANSR		Q	SOP-EIAJ-II	14
74LVQ00SJX	Fairchild Semiconductor		SN74LVC00ANSR		Q	SOP-EIAJ-II	14
74LVQ00TTR	ST Microelectronics (STM)		SN74LVC00APWR		Q	TSSOP	14
74LVQ02M	ST Microelectronics (STM)		SN74LVC02AD		Q	SOIC	14
74LVQ02MTR	ST Microelectronics (STM)		SN74LVC02ADR		Q	SOIC	14
74LVQ02SC	Fairchild Semiconductor		SN74LVC02AD		Q	SOIC	14
74LVQ02SCX	Fairchild Semiconductor		SN74LVC02ADR		Q	SOIC	14
74LVQ02SJ	Fairchild Semiconductor		SN74LVC02ANSR		Q	SOP-EIAJ-II	14
74LVQ02SJX	Fairchild Semiconductor		SN74LVC02ANSR		Q	SOP-EIAJ-II	14
74LVQ02TTR	ST Microelectronics (STM)		SN74LVC02APWR		Q	TSSOP	14
74LVQ04M	ST Microelectronics (STM)		SN74LVC04AD		Q	SOIC	14
74LVQ04MTR	ST Microelectronics (STM)		SN74LVC04ADR		Q	SOIC	14
74LVQ04SC	Fairchild Semiconductor		SN74LVC04AD		Q	SOIC	14
74LVQ04SCX	Fairchild Semiconductor		SN74LVC04ADR		Q	SOIC	14
74LVQ04SJ	Fairchild Semiconductor		SN74LVC04ANSR		Q	SOP-EIAJ-II	14
74LVQ04SJX	Fairchild Semiconductor		SN74LVC04ANSR		Q	SOP-EIAJ-II	14
74LVQ04TTR	ST Microelectronics (STM)		SN74LVC04APWR		Q	TSSOP	14
74LVQ08M	ST Microelectronics (STM)		SN74LVC08AD		Q	SOIC	14
74LVQ08MTR	ST Microelectronics (STM)		SN74LVC08ADR		Q	SOIC	14
74LVQ08SC	Fairchild Semiconductor		SN74LVC08AD		Q	SOIC	14
74LVQ08SCX	Fairchild Semiconductor		SN74LVC08ADR		Q	SOIC	14
74LVQ08SJ	Fairchild Semiconductor		SN74LVC08ANSR		Q	SOP-EIAJ-II	14
74LVQ08SJX	Fairchild Semiconductor		SN74LVC08ANSR		Q	SOP-EIAJ-II	14
74LVQ08TTR	ST Microelectronics (STM)		SN74LVC08APWR		Q	TSSOP	14
74LVQ10M	ST Microelectronics (STM)		SN74LVC10AD		Q	SOIC	14
74LVQ10MTR	ST Microelectronics (STM)		SN74LVC10ADR		Q	SOIC	14
74LVQ10TTR	ST Microelectronics (STM)		SN74LVC10APWR		Q	TSSOP	14
74LVQ125M	ST Microelectronics (STM)		SN74LVC125AD		Q	SOIC	14
74LVQ125MTR	ST Microelectronics (STM)		SN74LVC125ADR		Q	SOIC	14
74LVQ125SC	Fairchild Semiconductor		SN74LVC125AD		Q	SOIC	14
74LVQ125SCX	Fairchild Semiconductor		SN74LVC125ADR		Q	SOIC	14
74LVQ125SJ	Fairchild Semiconductor		SN74LVC125ANSR		Q	SOP-EIAJ-II	14
74LVQ125SJX	Fairchild Semiconductor		SN74LVC125ANSR		Q	SOP-EIAJ-II	14
74LVQ125TTR	ST Microelectronics (STM)		SN74LVC125APWR		Q	TSSOP	14
74LVQ138M	ST Microelectronics (STM)		SN74LVC138AD		Q	SOIC	16
74LVQ138MTR	ST Microelectronics (STM)		SN74LVC138ADR		Q	SOIC	16
74LVQ138SC	Fairchild Semiconductor		SN74LVC138AD		Q	SOIC	16
74LVQ138SCX	Fairchild Semiconductor		SN74LVC138ADR		Q	SOIC	16
74LVQ138SJ	Fairchild Semiconductor		SN74LVC138ANSR		Q	SOP-EIAJ-II	16
74LVQ138SJX	Fairchild Semiconductor		SN74LVC138ANSR		Q	SOP-EIAJ-II	16

74LVCR2245APG — 74LVQ138SJX

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LVQ138TTR	ST Microelectronics (STM)		SN74LVC138APWR		Q	TSSOP	16
74LVQ14M	ST Microelectronics (STM)		SN74LVC14AD		Q	SOIC	14
74LVQ14MTR	ST Microelectronics (STM)		SN74LVC14ADR		Q	SOIC	14
74LVQ14SC	Fairchild Semiconductor		SN74LVC14AD		Q	SOIC	14
74LVQ14SCX	Fairchild Semiconductor		SN74LVC14ADR		Q	SOIC	14
74LVQ14SJ	Fairchild Semiconductor		SN74LVC14ANSR		Q	SOP-EIAJ-II	14
74LVQ14SJX	Fairchild Semiconductor		SN74LVC14ANSR		Q	SOP-EIAJ-II	14
74LVQ14TTR	ST Microelectronics (STM)		SN74LVC14APWR		Q	TSSOP	14
74LVQ157M	ST Microelectronics (STM)		SN74LVC157AD		Q	SOIC	16
74LVQ157MTR	ST Microelectronics (STM)		SN74LVC157ADR		Q	SOIC	16
74LVQ157SC	Fairchild Semiconductor		SN74LVC157AD		Q	SOIC	16
74LVQ157SCX	Fairchild Semiconductor		SN74LVC157ADR		Q	SOIC	16
74LVQ157SJ	Fairchild Semiconductor		SN74LVC157ANSR		Q	SOP-EIAJ-II	16
74LVQ157SJX	Fairchild Semiconductor		SN74LVC157ANSR		Q	SOP-EIAJ-II	16
74LVQ157TTR	ST Microelectronics (STM)		SN74LVC157APWR		Q	TSSOP	16
74LVQ240M	ST Microelectronics (STM)		SN74LVC240ADW		Q	SOIC	20
74LVQ240MTR	ST Microelectronics (STM)		SN74LVC240ADWR		Q	SOIC	20
74LVQ240SC	Fairchild Semiconductor	Discontinued	SN74LVC240ADW		Q	SOIC	20
74LVQ240SCX	Fairchild Semiconductor		SN74LVC240ADWR		Q	SOIC	20
74LVQ240SJ	Fairchild Semiconductor		SN74LVC240ANSR		Q	SOP-EIAJ-II	20
74LVQ240SJX	Fairchild Semiconductor		SN74LVC240ANSR		Q	SOP-EIAJ-II	20
74LVQ240TTR	ST Microelectronics (STM)		SN74LVC240APWR		Q	TSSOP	20
74LVQ244M	ST Microelectronics (STM)		SN74LVC244ADW		Q	SOIC	20
74LVQ244MSA	Fairchild Semiconductor	Discontinued	SN74LVC244ADBR		Q	SSOP	20
74LVQ244MSAX	Fairchild Semiconductor	Discontinued	SN74LVC244ADBR		Q	SSOP	20
74LVQ244MTR	ST Microelectronics (STM)		SN74LVC244ADWR		Q	SOIC	20
74LVQ244SC	Fairchild Semiconductor		SN74LVC244ADW		Q	SOIC	20
74LVQ244SCX	Fairchild Semiconductor		SN74LVC244ADWR		Q	SOIC	20
74LVQ244SJ	Fairchild Semiconductor		SN74LVC244ANSR		Q	SOP-EIAJ-II	20
74LVQ244SJX	Fairchild Semiconductor		SN74LVC244ANSR		Q	SOP-EIAJ-II	20
74LVQ244TTR	ST Microelectronics (STM)		SN74LVC244APWR		Q	TSSOP	20
74LVQ245M	ST Microelectronics (STM)		SN74LVC245ADW		Q	SOIC	20
74LVQ245MSA	Fairchild Semiconductor	Discontinued	SN74LVC245ADBR		Q	SSOP	20
74LVQ245MSAX	Fairchild Semiconductor	Discontinued	SN74LVC245ADBR		Q	SSOP	20
74LVQ245MTR	ST Microelectronics (STM)		SN74LVC245ADWR		Q	SOIC	20
74LVQ245SC	Fairchild Semiconductor		SN74LVC245ADW		Q	SOIC	20
74LVQ245SCX	Fairchild Semiconductor		SN74LVC245ADWR		Q	SOIC	20
74LVQ245SJ	Fairchild Semiconductor		SN74LVC245ANSR		Q	SOP-EIAJ-II	20
74LVQ245SJX	Fairchild Semiconductor		SN74LVC245ANSR		Q	SOP-EIAJ-II	20
74LVQ245TTR	ST Microelectronics (STM)		SN74LVC245APWR		Q	TSSOP	20
74LVQ32M	ST Microelectronics (STM)		SN74LVC32AD		Q	SOIC	14
74LVQ32MTR	ST Microelectronics (STM)		SN74LVC32ADR		Q	SOIC	14
74LVQ32SC	Fairchild Semiconductor		SN74LVC32AD		Q	SOIC	14
74LVQ32SCX	Fairchild Semiconductor		SN74LVC32ADR		Q	SOIC	14
74LVQ32SJ	Fairchild Semiconductor		SN74LVC32ANSR		Q	SOP-EIAJ-II	14
74LVQ32SJX	Fairchild Semiconductor		SN74LVC32ANSR		Q	SOP-EIAJ-II	14
74LVQ32TTR	ST Microelectronics (STM)		SN74LVC32APWR		Q	TSSOP	14
74LVQ373M	ST Microelectronics (STM)		SN74LVC373ADW		Q	SOIC	20
74LVQ373MSA	Fairchild Semiconductor	Discontinued	SN74LVC373ADBR		Q	SSOP	20
74LVQ373MSAX	Fairchild Semiconductor	Discontinued	SN74LVC373ADBR		Q	SSOP	20
74LVQ373MTR	ST Microelectronics (STM)		SN74LVC373ADWR		Q	SOIC	20
74LVQ373SC	Fairchild Semiconductor		SN74LVC373ADW		Q	SOIC	20
74LVQ373SCX	Fairchild Semiconductor		SN74LVC373ADWR		Q	SOIC	20
74LVQ373SJ	Fairchild Semiconductor		SN74LVC373ANSR		Q	SOP-EIAJ-II	20
74LVQ373SJX	Fairchild Semiconductor		SN74LVC373ANSR		Q	SOP-EIAJ-II	20
74LVQ373TTR	ST Microelectronics (STM)		SN74LVC373APWR		Q	TSSOP	20
74LVQ374M	ST Microelectronics (STM)		SN74LVC374ADW		Q	SOIC	20
74LVQ374MSA	Fairchild Semiconductor	Discontinued	SN74LVC374ADBR		Q	SSOP	20
74LVQ374MSAX	Fairchild Semiconductor	Discontinued	SN74LVC374ADBR		Q	SSOP	20
74LVQ374MTR	ST Microelectronics (STM)		SN74LVC374ADWR		Q	SOIC	20
74LVQ374SC	Fairchild Semiconductor		SN74LVC374ADW		Q	SOIC	20
74LVQ374SCX	Fairchild Semiconductor		SN74LVC374ADWR		Q	SOIC	20
74LVQ374SJ	Fairchild Semiconductor		SN74LVC374ANSR		Q	SOP-EIAJ-II	20
74LVQ374SJX	Fairchild Semiconductor		SN74LVC374ANSR		Q	SOP-EIAJ-II	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LVQ374TTR	ST Microelectronics (STM)		SN74LVC374APWR		Q	TSSOP	20
74LVQ4066M	ST Microelectronics (STM)		SN74LV4066AD		Q	SOIC	14
74LVQ4066MTR	ST Microelectronics (STM)		SN74LV4066ADR		Q	SOIC	14
74LVQ4066TTR	ST Microelectronics (STM)		SN74LV4066APWR		Q	TSSOP	14
74LVQ541M	ST Microelectronics (STM)		SN74LVC541ADW		Q	SOIC	20
74LVQ541MTR	ST Microelectronics (STM)		SN74LVC541ADWR		Q	SOIC	20
74LVQ541TTR	ST Microelectronics (STM)		SN74LVC541APWR		Q	TSSOP	20
74LVQ573M	ST Microelectronics (STM)		SN74LVC573ADW		Q	SOIC	20
74LVQ573MSA	Fairchild Semiconductor	Discontinued	SN74LVC573ADBR		Q	SSOP	20
74LVQ573MSAX	Fairchild Semiconductor	Discontinued	SN74LVC573ADBR		Q	SSOP	20
74LVQ573MTR	ST Microelectronics (STM)		SN74LVC573ADWR		Q	SOIC	20
74LVQ573SC	Fairchild Semiconductor		SN74LVC573ADW		Q	SOIC	20
74LVQ573SCX	Fairchild Semiconductor		SN74LVC573ADWR		Q	SOIC	20
74LVQ573SJ	Fairchild Semiconductor		SN74LVC573ANSR		Q	SOP-EIAJ-II	20
74LVQ573SJX	Fairchild Semiconductor		SN74LVC573ANSR		Q	SOP-EIAJ-II	20
74LVQ573TTR	ST Microelectronics (STM)		SN74LVC573APWR		Q	TSSOP	20
74LVQ574M	ST Microelectronics (STM)		SN74LVC574ADW		Q	SOIC	20
74LVQ574MTR	ST Microelectronics (STM)		SN74LVC574ADWR		Q	SOIC	20
74LVQ574TTR	ST Microelectronics (STM)		SN74LVC574APWR		Q	TSSOP	20
74LVQ74M	ST Microelectronics (STM)		SN74LVC74AD		Q	SOIC	14
74LVQ74MTR	ST Microelectronics (STM)		SN74LVC74ADR		Q	SOIC	14
74LVQ74SC	Fairchild Semiconductor		SN74LVC74AD		Q	SOIC	14
74LVQ74SCX	Fairchild Semiconductor		SN74LVC74ADR		Q	SOIC	14
74LVQ74SJ	Fairchild Semiconductor		SN74LVC74ANSR		Q	SOP-EIAJ-II	14
74LVQ74SJX	Fairchild Semiconductor		SN74LVC74ANSR		Q	SOP-EIAJ-II	14
74LVQ74TTR	ST Microelectronics (STM)		SN74LVC74APWR		Q	TSSOP	14
74LVQ86M	ST Microelectronics (STM)		SN74LVC86AD		Q	SOIC	14
74LVQ86MTR	ST Microelectronics (STM)		SN74LVC86ADR		Q	SOIC	14
74LVQ86SC	Fairchild Semiconductor		SN74LVC86AD		Q	SOIC	14
74LVQ86SCX	Fairchild Semiconductor		SN74LVC86ADR		Q	SOIC	14
74LVQ86SJ	Fairchild Semiconductor		SN74LVC86ANSR		Q	SOP-EIAJ-II	14
74LVQ86SJX	Fairchild Semiconductor		SN74LVC86ANSR		Q	SOP-EIAJ-II	14
74LVQ86TTR	ST Microelectronics (STM)		SN74LVC86APWR		Q	TSSOP	14
74LVT125D	NXP Semiconductor	Pb-Free	SN74LVTH125D		S	SOIC	14
74LVT125DB	NXP Semiconductor		SN74LVT125DBR		S	SSOP	14
74LVT125DB	NXP Semiconductor	Pb-Free	SN74LVTH125DBR		S	SSOP	14
74LVT125DB-T	NXP Semiconductor	Pb-Free	SN74LVTH125DBR		S	SSOP	14
74LVT125D-T	NXP Semiconductor	Pb-Free	SN74LVTH125DR		S	SOIC	14
74LVT125PW	NXP Semiconductor	Pb-Free	SN74LVTH125PW		S	TSSOP	14
74LVT125PW-T	NXP Semiconductor	Pb-Free	SN74LVTH125PWR		S	TSSOP	14
74LVT126D	NXP Semiconductor		SN74LVTH126D		S	SOIC	14
74LVT126DB	NXP Semiconductor		SN74LVTH126DBR		S	SSOP	14
74LVT126DB-T	NXP Semiconductor		SN74LVTH126DBR		S	SSOP	14
74LVT126D-T	NXP Semiconductor		SN74LVTH126DR		S	SOIC	14
74LVT162240MEA	Fairchild Semiconductor		SN74LVT162240DL		S	SSOP	48
74LVT162240MEAX	Fairchild Semiconductor		SN74LVT162240DLR		S	SSOP	48
74LVT162240MTD	Fairchild Semiconductor		SN74LVT162240DGGR		S	TSSOP	48
74LVT162240MTDX	Fairchild Semiconductor		SN74LVT162240DGGR		S	TSSOP	48
74LVT162244BDG	NXP Semiconductor		SN74LVTH162244DGGR		S	TSSOP	48
74LVT162244BDGG	NXP Semiconductor		SN74LVTH162244DGGR		S	TSSOP	48
74LVT162244BDG-T	NXP Semiconductor		SN74LVTH162244DGGR		S	TSSOP	48
74LVT162244BDL	NXP Semiconductor		SN74LVTH162244DLR		S	SSOP	48
74LVT162244BDL-T	NXP Semiconductor		SN74LVTH162244DLR		S	SSOP	48
74LVT162244GX	Fairchild Semiconductor		SN74LVT162244AGRDR		S	BGA	54
74LVT162244GX	Fairchild Semiconductor		SN74LVT162244AZRDR		S	FBGA	54
74LVT162244MEA	Fairchild Semiconductor		SN74LVT162244ADL		S	SSOP	48
74LVT162244MEAX	Fairchild Semiconductor		SN74LVT162244ADLR		S	SSOP	48
74LVT162244MTD	Fairchild Semiconductor		SN74LVT162244ADGGR		S	TSSOP	48
74LVT162244MTDX	Fairchild Semiconductor		SN74LVT162244ADGGR		S	TSSOP	48
74LVT162245B DL	NXP Semiconductor	tpd differs	SN74LVTH162245DL		S	SSOP	48
74LVT162245BDG	NXP Semiconductor		SN74LVTH162245DGGR		S	TSSOP	48
74LVT162245BDGG	NXP Semiconductor	tpd differs	SN74LVT162245ADGGR		S	TSSOP	48
74LVT162245BDG-T	NXP Semiconductor		SN74LVTH162245DGGR		S	TSSOP	48
74LVT162245BDL	NXP Semiconductor		SN74LVTH162245DL		S	SSOP	48

74LVQ374TTR — 74VT162245BDL

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LVT162245BDL-T	NXP Semiconductor		SN74LVTH162245DLR		S	SSOP	48
74LVT162245GX	Fairchild Semiconductor	Preliminary	SN74LVT162245AGRDR		S	BGA	54
74LVT162245GX	Fairchild Semiconductor	tpd differs	SN74LVT162245AZRDR		S	FBGA	54
74LVT162245MEA	Fairchild Semiconductor		SN74LVT162245ADL		S	SSOP	48
74LVT162245MEAX	Fairchild Semiconductor		SN74LVT162245ADLR		S	SSOP	48
74LVT162245MTD	Fairchild Semiconductor	tpd differs	SN74LVT162245ADGGR		S	TSSOP	48
74LVT162245MTDX	Fairchild Semiconductor		SN74LVT162245ADGGR		S	TSSOP	48
74LVT162373DGG	NXP Semiconductor	tpd differs	SN74LVTH162373DGGR		S	TSSOP	48
74LVT162373DL	NXP Semiconductor		SN74LVTH162373DL		S	SSOP	48
74LVT162373DL	NXP Semiconductor	tpd differs	SN74LVTH16373DL		S	SSOP	48
74LVT16240MEA	Fairchild Semiconductor		SN74LVT16240DL		S	SSOP	48
74LVT16240MEAX	Fairchild Semiconductor		SN74LVT16240DLR		S	SSOP	48
74LVT16240MTD	Fairchild Semiconductor		SN74LVT16240DGGR		S	TSSOP	48
74LVT16240MTDX	Fairchild Semiconductor		SN74LVT16240DGGR		S	TSSOP	48
74LVT16244BDGG	NXP Semiconductor		SN74LVTH16244ADGGR		S	TSSOP	48
74LVT16244BDGG-T	NXP Semiconductor		SN74LVTH16244ADGGR		S	TSSOP	48
74LVT16244BDL	NXP Semiconductor		SN74LVTH16244ADL		S	SSOP	48
74LVT16244BDL-T	NXP Semiconductor		SN74LVTH16244ADLR		S	SSOP	48
74LVT16244BEV	NXP Semiconductor		SN74LVTH16244AGQLR		S	VFBGA	56
74LVT16244BEV	NXP Semiconductor		SN74LVTH16244AZQLR		S	VFBGA	56
74LVT16244GX	Fairchild Semiconductor	Preliminary	SN74LVT16244BGRDR		S	BGA	54
74LVT16244GX	Fairchild Semiconductor	tpd differs	SN74LVT16244BZRDR		S	FBGA	54
74LVT16244MEA	Fairchild Semiconductor		SN74LVT16244BDL		S	SSOP	48
74LVT16244MEAX	Fairchild Semiconductor		SN74LVT16244BDLR		S	SSOP	48
74LVT16244MTD	Fairchild Semiconductor		SN74LVT16244BDGGR		S	TSSOP	48
74LVT16244MTDX	Fairchild Semiconductor		SN74LVT16244BDGGR		S	TSSOP	48
74LVT16245GX	Fairchild Semiconductor	Preliminary	SN74LVT16245BGRDR		S	BGA	54
74LVT16245GX	Fairchild Semiconductor	tpd differs	SN74LVT16245BZRDR		S	FBGA	54
74LVT16245MEA	Fairchild Semiconductor	tpd differs	SN74LVT162245ADL		S	SSOP	48
74LVT16245MEA	Fairchild Semiconductor		SN74LVT16245BDL		S	SSOP	48
74LVT16245MEAX	Fairchild Semiconductor		SN74LVT16245BDLR		S	SSOP	48
74LVT16245MTD	Fairchild Semiconductor	tpd differs	SN74LVT16245BDGGR		S	TSSOP	48
74LVT16245MTDX	Fairchild Semiconductor		SN74LVT16245BDGGR		S	TSSOP	48
74LVT16373ADG	NXP Semiconductor	tpd differs	SN74LVTH162373DGGR		S	TSSOP	48
74LVT16373ADG	NXP Semiconductor		SN74LVTH16373DGGR		S	TSSOP	48
74LVT16373ADL	NXP Semiconductor		SN74LVTH162373DL		S	SSOP	48
74LVT16373ADL	NXP Semiconductor		SN74LVTH16373DL		S	SSOP	48
74LVT16373GX	Fairchild Semiconductor	Preliminary, no bus-hold	SN74LVTH16373GRDR	Bus-hold	Q	BGA	54
74LVT16373GX	Fairchild Semiconductor	No Bus-hold	SN74LVTH16373ZRDR	Bus-hold	Q	FBGA	54
74LVT16373MEA	Fairchild Semiconductor		SN74LVTH16373DL	Bus-Hold	Q	SSOP	48
74LVT16373MEAX	Fairchild Semiconductor		SN74LVTH16373DLR	Bus-Hold	Q	SSOP	48
74LVT16373MTD	Fairchild Semiconductor		SN74LVTH16373DGGR	Bus-Hold,	Q	TSSOP	48
74LVT16373MTDX	Fairchild Semiconductor		SN74LVTH16373DGGR	Bus-Hold	Q	TSSOP	48
74LVT16374GX	Fairchild Semiconductor	Preliminary, no bus-hold	SN74LVTH16374GRDR	Bus-hold	Q	BGA	54
74LVT16374MEA	Fairchild Semiconductor	No bus hold	SN74LVTH16374DL	Bus-hold	Q	SSOP	48
74LVT16374MEAX	Fairchild Semiconductor	No bus hold	SN74LVTH16374DLR	Bus-hold	Q	SSOP	48
74LVT16374MTD	Fairchild Semiconductor	No bus hold	SN74LVTH16374DGGR	Bus-hold	Q	TSSOP	48
74LVT16374MTDX	Fairchild Semiconductor	No bus hold	SN74LVTH16374DGGR	Bus-hold	Q	TSSOP	48
74LVT2245D	NXP Semiconductor		SN74LVTH2245DW		S	SOIC	20
74LVT2245DB	NXP Semiconductor		SN74LVTH2245DBR		S	SSOP	20
74LVT2245MTC	Fairchild Semiconductor	No bus-hold	SN74LVTH2245PW	Bus-hold	Q	TSSOP	20
74LVT2245MTCX	Fairchild Semiconductor	No bus-hold	SN74LVTH2245PWR	Bus-hold	Q	TSSOP	20
74LVT2245SJ	Fairchild Semiconductor	No bus-hold	SN74LVTH2245NSR	Bus-hold,	Q	SOP-EIAJ-II	20
74LVT2245SJX	Fairchild Semiconductor	No bus-hold	SN74LVTH2245NSR	Bus-hold	Q	SOP-EIAJ-II	20
74LVT2245WM	Fairchild Semiconductor	No bus-hold	SN74LVTH2245DW	Bus-hold	Q	SOIC	20
74LVT2245WMX	Fairchild Semiconductor	No bus-hold	SN74LVTH2245DWR	Bus-hold	Q	SOIC	20
74LVT240D	NXP Semiconductor		SN74LVTH240DW		S	SOIC	20
74LVT240DB	NXP Semiconductor		SN74LVTH240DBR		S	SSOP	20
74LVT240DB-T	NXP Semiconductor		SN74LVTH240DBR		S	SSOP	20
74LVT240D-T	NXP Semiconductor		SN74LVTH240DWR		S	SOIC	20
74LVT240MSA	Fairchild Semiconductor		SN74LVT240ADBR		S	SSOP	20
74LVT240MSAX	Fairchild Semiconductor		SN74LVT240ADBR		S	SSOP	20
74LVT240MTC	Fairchild Semiconductor		SN74LVT240APW		S	TSSOP	20
74LVT240MTCX	Fairchild Semiconductor		SN74LVT240APWR		S	TSSOP	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LVT240PW	NXP Semiconductor		SN74LVTH240PW		S	TSSOP	20
74LVT240PW-T	NXP Semiconductor		SN74LVTH240PWR		S	TSSOP	20
74LVT240SJ	Fairchild Semiconductor		SN74LVT240ANSR		S	SOP-EIAJ-II	20
74LVT240SJX	Fairchild Semiconductor		SN74LVT240ANSR		S	SOP-EIAJ-II	20
74LVT240WM	Fairchild Semiconductor		SN74LVT240ADW		S	SOIC	20
74LVT240WMX	Fairchild Semiconductor		SN74LVT240ADWR		S	SOIC	20
74LVT241D	NXP Semiconductor	tpd differs	SN74LVTH241DW		S	SOIC	20
74LVT244AD	NXP Semiconductor		SN74LVTH244ADW		S	SOIC	20
74LVT244ADB	NXP Semiconductor		SN74LVTH244ADBR		S	SSOP	20
74LVT244ADB-T	NXP Semiconductor		SN74LVTH244ADBR		S	SSOP	20
74LVT244AD-T	NXP Semiconductor		SN74LVTH244ADWR		S	SOIC	20
74LVT244APW	NXP Semiconductor		SN74LVTH244APW		S	TSSOP	20
74LVT244APW-T	NXP Semiconductor		SN74LVTH244APWR		S	TSSOP	20
74LVT244BD	NXP Semiconductor		SN74LVTH244ADW		S	SOIC	20
74LVT244BDB	NXP Semiconductor		SN74LVTH244ADBR		S	SSOP	20
74LVT244BDB-T	NXP Semiconductor		SN74LVTH244ADBR		S	SSOP	20
74LVT244BD-T	NXP Semiconductor		SN74LVTH244ADWR		S	SOIC	20
74LVT244BPW	NXP Semiconductor		SN74LVTH244APW		S	TSSOP	20
74LVT244BPW-T	NXP Semiconductor		SN74LVTH244APWR		S	TSSOP	20
74LVT244MSA	Fairchild Semiconductor		SN74LVT244BDBR		S	SSOP	20
74LVT244MSA	Fairchild Semiconductor	tpd differs	SN74LVT244DBR		S	SSOP	20
74LVT244MSAX	Fairchild Semiconductor		SN74LVT244BDBR		S	SSOP	20
74LVT244MTC	Fairchild Semiconductor		SN74LVT244BPW		S	TSSOP	20
74LVT244MTCX	Fairchild Semiconductor		SN74LVT244BPWR		S	TSSOP	20
74LVT244SJ	Fairchild Semiconductor		SN74LVT244BNSR		S	SOP-EIAJ-II	20
74LVT244SJX	Fairchild Semiconductor		SN74LVT244BNSR		S	SOP-EIAJ-II	20
74LVT244WM	Fairchild Semiconductor		SN74LVT244BDW		S	SOIC	20
74LVT244WM	Fairchild Semiconductor	tpd differs	SN74LVT244DW		S	SOIC	20
74LVT244WMX	Fairchild Semiconductor		SN74LVT244BDWR		S	SOIC	20
74LVT245MSA	Fairchild Semiconductor		SN74LVT245BDBR		S	SSOP	20
74LVT245MSA	Fairchild Semiconductor	No Bus-hold	SN74LVTH245ADBR	Bus-hold	Q	SSOP	20
74LVT245MSAX	Fairchild Semiconductor		SN74LVT245BDBR		S	SSOP	20
74LVT245MSAX	Fairchild Semiconductor		SN74LVTH245ADBR		S	SSOP	20
74LVT245MTC	Fairchild Semiconductor		SN74LVT245BPWR		S	TSSOP	20
74LVT245MTCX	Fairchild Semiconductor		SN74LVT245BPWR		S	TSSOP	20
74LVT245SJ	Fairchild Semiconductor		SN74LVT245BNSR		S	SOP	20
74LVT245SJX	Fairchild Semiconductor		SN74LVT245BNSR		S	SOP-EIAJ-II	20
74LVT245WM	Fairchild Semiconductor		SN74LVT245BDW		S	SOIC	20
74LVT245WM	Fairchild Semiconductor		SN74LVTH245ADW		S	SOIC	20
74LVT245WMX	Fairchild Semiconductor		SN74LVT245BDWR		S	SOIC	20
74LVT245WMX	Fairchild Semiconductor		SN74LVTH245ADWR		S	SOIC	20
74LVT273PW	NXP Semiconductor	tpd differs	SN74LVTH273IPWREP		S	TSSOP	20
74LVT273PWDH	NXP Semiconductor	tpd differs	SN74LVTH273IPWREP		S	TSSOP	20
74LVT273PW-T	NXP Semiconductor	tpd differs	SN74LVTH273IPWREP		S	TSSOP	20
74LVT32244G	Fairchild Semiconductor	tpd differs	SN74LVT32244ZKER		S	FBGA	96
74LVT32244GX	Fairchild Semiconductor	Preliminary	SN74LVT32244GKER		S	LBFGA	96
74LVT32244GX	Fairchild Semiconductor	tpd differs	SN74LVT32244ZKER		S	FBGA	96
74LVT32245GX	Fairchild Semiconductor	No bus-hold, Preliminary	SN74LVTH32245GKER	Bus-hold	Q	LBFGA	96
74LVT32373GX	Fairchild Semiconductor	Preliminary, no bus-hold	SN74LVTH32373GKER	Bus-hold	Q	LBFGA	96
74LVT32373GX	Fairchild Semiconductor	No Bus-hold	SN74LVTH32373ZKER	Bus-hold	Q	FBGA	96
74LVT32374G	Fairchild Semiconductor		SN74LVTH32374GKER		S	FBGA	96
74LVT32374G	Fairchild Semiconductor		SN74LVTH32374ZKER		S	FBGA	96
74LVT32374GX	Fairchild Semiconductor	Preliminary, no bus-hold	SN74LVTH32374GKER	Bus-hold	Q	LBFGA	96
74LVT32374GX	Fairchild Semiconductor		SN74LVTH32374ZKER		S	FBGA	96
74LVT373MTC	Fairchild Semiconductor	No bus-hold	SN74LVTH373PW	Bus-hold	Q	TSSOP	20
74LVT373MTCX	Fairchild Semiconductor	No bus-hold	SN74LVTH373PWR	Bus-hold	Q	TSSOP	20
74LVT373SJ	Fairchild Semiconductor	No bus-hold	SN74LVTH373NSR	Bus-hold,	Q	SOP-EIAJ-II	20
74LVT373SJX	Fairchild Semiconductor	No bus-hold	SN74LVTH373NSR	Bus-hold	Q	SOP-EIAJ-II	20
74LVT373WM	Fairchild Semiconductor	No bus-hold	SN74LVTH373DWR	Bus-hold	Q	SOIC	20
74LVT373WMX	Fairchild Semiconductor	No bus-hold	SN74LVTH373DWR	Bus-hold	Q	SOIC	20
74LVT374DB	NXP Semiconductor	tpd differs	SN74LVTH374DBR		S	SSOP	20
74LVT374DB-T	NXP Semiconductor	tpd differs	SN74LVTH374DBR		S	SSOP	20
74LVT374MTC	Fairchild Semiconductor	No bus-hold	SN74LVTH374PW	Bus-hold	Q	TSSOP	20
74LVT374MTCX	Fairchild Semiconductor	No bus-hold	SN74LVTH374PWR	Bus-hold	Q	TSSOP	20

74LVT240PW — 74LVT374MTCX

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LVT374PW	NXP Semiconductor	tpd differs	SN74LVT574PWR		S	TSSOP	20
74LVT374PW	NXP Semiconductor	tpd differs	SN74LVTH374IPWREP		S	TSSOP	20
74LVT374PWDH	NXP Semiconductor	tpd differs	SN74LVT574PWR		S	TSSOP	20
74LVT374PWDH	NXP Semiconductor	tpd differs	SN74LVTH374IPWREP		S	TSSOP	20
74LVT374PW-T	NXP Semiconductor	tpd differs	SN74LVTH374IPWREP		S	TSSOP	20
74LVT374SJ	Fairchild Semiconductor	No bus-hold	SN74LVTH374NSR	Bus-hold,	Q	SOP-EIAJ-II	20
74LVT374SJ	Fairchild Semiconductor	No bus-hold	SN74LVTH374NSR	Bus-hold	Q	SOP-EIAJ-II	20
74LVT374WM	Fairchild Semiconductor	No bus-hold	SN74LVTH374DW	Bus-hold	Q	SOIC	20
74LVT374WMX	Fairchild Semiconductor	No bus-hold	SN74LVTH374DWR	Bus-hold	Q	SOIC	20
74LVT573MSA	Fairchild Semiconductor	No bus-hold	SN74LVTH573DBR	Bus-hold,	Q	SSOP	20
74LVT573MSA	Fairchild Semiconductor	No bus-hold	SN74LVTH573DBR	Bus-hold	Q	SSOP	20
74LVT573MSAX	Fairchild Semiconductor	No bus-hold	SN74LVTH573DBR	Bus-hold	Q	SSOP	20
74LVT573MTC	Fairchild Semiconductor	No bus-hold	SN74LVTH573PW	Bus-hold	Q	TSSOP	20
74LVT573MTCX	Fairchild Semiconductor	No bus-hold	SN74LVTH573PWR	Bus-hold	Q	TSSOP	20
74LVT573SJ	Fairchild Semiconductor	No bus-hold	SN74LVTH573NSR	Bus-hold,	Q	SOP-EIAJ-II	20
74LVT573SJ	Fairchild Semiconductor	No bus-hold	SN74LVTH573NSR	Bus-hold	Q	SOP-EIAJ-II	20
74LVT573JX	Fairchild Semiconductor	No bus-hold	SN74LVTH573NSR	Bus-hold	Q	SOP-EIAJ-II	20
74LVT573WM	Fairchild Semiconductor	No bus-hold	SN74LVTH573DW	Bus-hold	Q	SOIC	20
74LVT573WMX	Fairchild Semiconductor	No bus-hold	SN74LVTH573DWR	Bus-hold	Q	SOIC	20
74LVT574DB	NXP Semiconductor	tpd differs	SN74LVTH374DBR		S	SSOP	20
74LVT574DB-T	NXP Semiconductor	tpd differs	SN74LVTH374DBR		S	SSOP	20
74LVT574MSA	Fairchild Semiconductor	No bus-hold	SN74LVTH574DBR	Bus-hold,	Q	SSOP	20
74LVT574MSA	Fairchild Semiconductor	No bus-hold	SN74LVTH574DBR	Bus-hold	Q	SSOP	20
74LVT574MSAX	Fairchild Semiconductor	No bus-hold	SN74LVTH574DBR	Bus-hold	Q	SSOP	20
74LVT574MTC	Fairchild Semiconductor	No bus-hold	SN74LVTH574PW	Bus-hold	Q	TSSOP	20
74LVT574MTCX	Fairchild Semiconductor	No bus-hold	SN74LVTH574PWR	Bus-hold	Q	TSSOP	20
74LVT574PW	NXP Semiconductor	tpd differs	SN74LVTH374IPWREP		S	TSSOP	20
74LVT574PW	NXP Semiconductor	No bus-hold	SN74LVTH574PW	Bus-hold	Q	TSSOP	20
74LVT574PWDH	NXP Semiconductor	tpd differs	SN74LVTH374IPWREP		S	TSSOP	20
74LVT574PWDH	NXP Semiconductor	No bus-hold	SN74LVTH574PW	Bus-hold	Q	TSSOP	20
74LVT574SJ	Fairchild Semiconductor	No bus-hold	SN74LVTH574NSR	Bus-hold,	Q	SOP-EIAJ-II	20
74LVT574SJX	Fairchild Semiconductor	No bus-hold	SN74LVTH574NSR	Bus-hold	Q	SOP-EIAJ-II	20
74LVT574WM	Fairchild Semiconductor	No bus-hold	SN74LVTH574DW	Bus-hold	Q	SOIC	20
74LVT574WM	Fairchild Semiconductor	No bus-hold	SN74LVTH574DW	Bus-hold	Q	SOIC	20
74LVT574WMX	Fairchild Semiconductor	No bus-hold	SN74LVTH574DWR	Bus-hold	Q	SOIC	20
74LVT574WMX	Fairchild Semiconductor	No bus-hold	SN74LVTH574DWR	Bus-hold	Q	SOIC	20
74LVTH125M	Fairchild Semiconductor		SN74LVTH125D		S	SOIC	14
74LVTH125MTC	Fairchild Semiconductor		SN74LVTH125PW		S	TSSOP	14
74LVTH125MTCX	Fairchild Semiconductor		SN74LVTH125PWR		S	TSSOP	14
74LVTH125MX	Fairchild Semiconductor		SN74LVTH125DR		S	SOIC	14
74LVTH125SJ	Fairchild Semiconductor		SN74LVTH125NSR		S	SOP-EIAJ-II	14
74LVTH125SJX	Fairchild Semiconductor		SN74LVTH125NSR		S	SOP-EIAJ-II	14
74LVTH162240MEA	Fairchild Semiconductor		SN74LVTH162240DL		S	SSOP	48
74LVTH162240MEX	Fairchild Semiconductor		SN74LVTH162240DLR		S	SSOP	48
74LVTH162240MTD	Fairchild Semiconductor		SN74LVTH162240DGGR		S	TSSOP	48
74LVTH162240MTX	Fairchild Semiconductor		SN74LVTH162240DGGR		S	TSSOP	48
74LVTH162244G	Fairchild Semiconductor	Tray	74LVTH162244GRDR	Not available tubed/trays, use reeled	S	BGA	54
74LVTH162244G	Fairchild Semiconductor		74LVTH162244ZRDR		S	FBGA	54
74LVTH162244GX	Fairchild Semiconductor		74LVTH162244GRDR		S	BGA	54
74LVTH162244GX	Fairchild Semiconductor		74LVTH162244ZRDR		S	FBGA	54
74LVTH162244MEA	Fairchild Semiconductor		SN74LVTH162244DL		S	SSOP	48
74LVTH162244MEX	Fairchild Semiconductor		SN74LVTH162244DLR		S	SSOP	48
74LVTH162244MTD	Fairchild Semiconductor		SN74LVTH162244DGGR		S	TSSOP	48
74LVTH162244MTX	Fairchild Semiconductor		SN74LVTH162244DGGR		S	TSSOP	48
74LVTH162245G	Fairchild Semiconductor	Tray	74LVTH162245GRDR	Not available tubed/trays, use reeled	S	BGA	54
74LVTH162245G	Fairchild Semiconductor	tpd differs	74LVTH162245ZRDR		S	FBGA	54
74LVTH162245GX	Fairchild Semiconductor		74LVTH162245GRDR		S	BGA	54
74LVTH162245GX	Fairchild Semiconductor	tpd differs	74LVTH162245ZRDR		S	FBGA	54
74LVTH162245MEA	Fairchild Semiconductor		SN74LVTH162245DL		S	SSOP	48
74LVTH162245MEX	Fairchild Semiconductor		SN74LVTH162245DLR		S	SSOP	48
74LVTH162245MTD	Fairchild Semiconductor	tpd differs	SN74LVTH162245DGGR		S	TSSOP	48
74LVTH162245MTX	Fairchild Semiconductor		SN74LVTH162245DGGR		S	TSSOP	48
74LVTH162373MEA	Fairchild Semiconductor		SN74LVTH162373DL		S	SSOP	48
74LVTH162373MEA	Fairchild Semiconductor	tpd differs	SN74LVTH16373DL		S	SSOP	48
74LVTH162373MEX	Fairchild Semiconductor		SN74LVTH162373DLR		S	SSOP	48

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LVTH162373MTD	Fairchild Semiconductor		SN74LVTH162373DGGR		S	TSSOP	48
74LVTH162373MTD	Fairchild Semiconductor	tpd differs	SN74LVTH16373DGGR		S	TSSOP	48
74LVTH162373MTX	Fairchild Semiconductor		SN74LVTH162373DGGR		S	TSSOP	48
74LVTH162373MTX	Fairchild Semiconductor	tpd differs	SN74LVTH16373DGGR		S	TSSOP	48
74LVTH162374GX	Fairchild Semiconductor	Preliminary	74LVTH162374GRDR		S	BGA	54
74LVTH162374MEA	Fairchild Semiconductor		SN74LVTH162374DL		S	SSOP	48
74LVTH162374MEX	Fairchild Semiconductor		SN74LVTH162374DLR		S	SSOP	48
74LVTH162374MTD	Fairchild Semiconductor		SN74LVTH162374DGGR		S	TSSOP	48
74LVTH162374MTX	Fairchild Semiconductor		SN74LVTH162374DGGR		S	TSSOP	48
74LVTH16240MEA	Fairchild Semiconductor		SN74LVTH16240DL		S	SSOP	48
74LVTH16240MEAX	Fairchild Semiconductor		SN74LVTH16240DLR		S	SSOP	48
74LVTH16240MTD	Fairchild Semiconductor		SN74LVTH16240DGGR		S	TSSOP	48
74LVTH16240MTX	Fairchild Semiconductor		SN74LVTH16240DGGR		S	TSSOP	48
74LVTH16240MTDX	Fairchild Semiconductor		SN74LVTH16240DGGR		S	TSSOP	48
74LVTH16244GX	Fairchild Semiconductor		SN74LVTH16244AGRDR		S	BGA	54
74LVTH16244GX	Fairchild Semiconductor	tpd differs	SN74LVTH16244ZRDR		S	FBGA	54
74LVTH16244LB	ST Microelectronics (STM)		SN74LVTH16244AGRDR		S	FBGA	54
74LVTH16244LB	ST Microelectronics (STM)		SN74LVTH16244ZRDR		S	FBGA	54
74LVTH16244LBR	ST Microelectronics (STM)		SN74LVTH16244AGRDR		S	BGA	54
74LVTH16244LBR	ST Microelectronics (STM)		SN74LVTH16244ZRDR		S	TFBGA	54
74LVTH16244MEA	Fairchild Semiconductor		SN74LVTH16244ADL		S	SSOP	48
74LVTH16244MEAX	Fairchild Semiconductor		SN74LVTH16244ADLR		S	SSOP	48
74LVTH16244MTD	Fairchild Semiconductor	tpd, Vs differ	SN74LVTH16244GR		S	TSSOP	48
74LVTH16244MTD	Fairchild Semiconductor		SN74LVTH16244ADGGR		S	TSSOP	48
74LVTH16244MTDX	Fairchild Semiconductor		SN74LVTH16244ADGGR		S	TSSOP	48
74LVTH16244TTR	ST Microelectronics (STM)		SN74LVTH16244ADGGR		S	TSSOP	48
74LVTH16245GX	Fairchild Semiconductor	Preliminary	SN74LVTH16245AGRDR		S	BGA	54
74LVTH16245GX	Fairchild Semiconductor	tpd differs	SN74LVTH16245ZRDR		S	FBGA	54
74LVTH16245MEA	Fairchild Semiconductor		SN74LVTH16245ADL		S	SSOP	48
74LVTH16245MEAX	Fairchild Semiconductor		SN74LVTH16245ADLR		S	SSOP	48
74LVTH16245MTD	Fairchild Semiconductor	tpd differs	SN74LVTH16245ADGGR		S	TSSOP	48
74LVTH16245MTDX	Fairchild Semiconductor		SN74LVTH16245ADGGR		S	TSSOP	48
74LVTH16373GX	Fairchild Semiconductor	Preliminary	SN74LVTH16373GRDR		S	BGA	54
74LVTH16373GX	Fairchild Semiconductor		SN74LVTH16373ZRDR		S	FBGA	54
74LVTH16373MEA	Fairchild Semiconductor	tpd differs	SN74LVTH162373DL		S	SSOP	48
74LVTH16373MEA	Fairchild Semiconductor		SN74LVTH16373DL		S	SSOP	48
74LVTH16373MEAX	Fairchild Semiconductor		SN74LVTH16373DLR		S	SSOP	48
74LVTH16373MTD	Fairchild Semiconductor	tpd differs	SN74LVTH162373DGGR		S	TSSOP	48
74LVTH16373MTD	Fairchild Semiconductor		SN74LVTH16373DGGR		S	TSSOP	48
74LVTH16373MTDX	Fairchild Semiconductor		SN74LVTH16373DGGR		S	TSSOP	48
74LVTH16374GX	Fairchild Semiconductor		SN74LVTH16374GRDR		S	BGA	54
74LVTH16374MEA	Fairchild Semiconductor		SN74LVTH16374DL		S	SSOP	48
74LVTH16374MEAX	Fairchild Semiconductor		SN74LVTH16374DLR		S	SSOP	48
74LVTH16374MTD	Fairchild Semiconductor		SN74LVTH16374DGGR		S	TSSOP	48
74LVTH16374MTDX	Fairchild Semiconductor		SN74LVTH16374DGGR		S	TSSOP	48
74LVTH16500MEA	Fairchild Semiconductor		SN74LVTH16500DL		S	SSOP	56
74LVTH16500MEAX	Fairchild Semiconductor		SN74LVTH16500DLR		S	SSOP	56
74LVTH16500MTD	Fairchild Semiconductor	tpd differs	SN74LVTH16500DGGR		S	TSSOP	56
74LVTH16500MTDX	Fairchild Semiconductor		SN74LVTH16500DGGR		S	TSSOP	56
74LVTH16501MEA	Fairchild Semiconductor		SN74LVTH16501DL		S	SSOP	56
74LVTH16501MEAX	Fairchild Semiconductor		SN74LVTH16501DLR		S	SSOP	56
74LVTH16501MTD	Fairchild Semiconductor	tpd differs	SN74LVTH16501DGGR		S	TSSOP	56
74LVTH16501MTDX	Fairchild Semiconductor		SN74LVTH16501DGGR		S	TSSOP	56
74LVTH16543MEA	Fairchild Semiconductor		SN74LVTH16543DL		S	SSOP	56
74LVTH16543MEAX	Fairchild Semiconductor		SN74LVTH16543DLR		S	SSOP	56
74LVTH16543MTD	Fairchild Semiconductor	tpd differs	SN74LVTH16543DGGR		S	TSSOP	56
74LVTH16543MTDX	Fairchild Semiconductor		SN74LVTH16543DGGR		S	TSSOP	56
74LVTH16646MEA	Fairchild Semiconductor		SN74LVTH16646DL		S	SSOP	56
74LVTH16646MEAX	Fairchild Semiconductor		SN74LVTH16646DLR		S	SSOP	56
74LVTH16646MTD	Fairchild Semiconductor	tpd differs	SN74LVTH16646DGGR		S	TSSOP	56
74LVTH16646MTDX	Fairchild Semiconductor		SN74LVTH16646DGGR		S	TSSOP	56
74LVTH16652MEA	Fairchild Semiconductor		SN74LVTH16652DL		S	SSOP	56
74LVTH16652MEAX	Fairchild Semiconductor		SN74LVTH16652DLR		S	SSOP	56
74LVTH16652MTD	Fairchild Semiconductor	tpd differs	SN74LVTH16652DGGR		S	TSSOP	56
74LVTH16652MTDX	Fairchild Semiconductor		SN74LVTH16652DGGR		S	TSSOP	56

74LVTH162373MTD — 74LVTH16652MTDX

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LVTH16835MEA	Fairchild Semiconductor		SN74LVTH16835DL		S	SSOP	56
74LVTH16835MEAX	Fairchild Semiconductor		SN74LVTH16835DLR		S	SSOP	56
74LVTH16835MTD	Fairchild Semiconductor		SN74LVTH16835DGGR		S	TSSOP	56
74LVTH16835MTDX	Fairchild Semiconductor		SN74LVTH16835DGGR		S	TSSOP	56
74LVTH16952MEA	Fairchild Semiconductor		SN74LVTH16952DL		S	SSOP	56
74LVTH16952MEAX	Fairchild Semiconductor		SN74LVTH16952DLR		S	SSOP	56
74LVTH16952MTD	Fairchild Semiconductor	tpd differs	SN74LVTH16952DGGR		S	TSSOP	56
74LVTH16952MTDX	Fairchild Semiconductor		SN74LVTH16952DGGR		S	TSSOP	56
74LVTH2245MSA	Fairchild Semiconductor		SN74LVTH2245DBR		S	SSOP	20
74LVTH2245MSAX	Fairchild Semiconductor		SN74LVTH2245DBR		S	SSOP	20
74LVTH2245MTC	Fairchild Semiconductor		SN74LVTH2245PW		S	TSSOP	20
74LVTH2245MTCX	Fairchild Semiconductor		SN74LVTH2245PWR		S	TSSOP	20
74LVTH2245SJ	Fairchild Semiconductor		SN74LVTH2245NSR		S	SOP	20
74LVTH2245SJX	Fairchild Semiconductor		SN74LVTH2245NSR		S	SOP-EIAJ-II	20
74LVTH2245WM	Fairchild Semiconductor		SN74LVTH2245DW		S	SOIC	20
74LVTH2245WMX	Fairchild Semiconductor		SN74LVTH2245DWR		S	SOIC	20
74LVTH240MSA	Fairchild Semiconductor		SN74LVTH240DBR		S	SSOP	20
74LVTH240MSAX	Fairchild Semiconductor		SN74LVTH240DBR		S	SSOP	20
74LVTH240MTC	Fairchild Semiconductor		SN74LVTH240PW		S	TSSOP	20
74LVTH240MTCX	Fairchild Semiconductor		SN74LVTH240PWR		S	TSSOP	20
74LVTH240SJ	Fairchild Semiconductor		SN74LVTH240NSR		S	SOP-EIAJ-II	20
74LVTH240SJX	Fairchild Semiconductor		SN74LVTH240NSR		S	SOP-EIAJ-II	20
74LVTH240WM	Fairchild Semiconductor		SN74LVTH240DW		S	SOIC	20
74LVTH240WMX	Fairchild Semiconductor		SN74LVTH240DWR		S	SOIC	20
74LVTH244MSA	Fairchild Semiconductor		SN74LVTH244DBR		S	SSOP	20
74LVTH244MSAX	Fairchild Semiconductor	tpd differs	SN74LVTH244DBR		S	SSOP	20
74LVTH244MTC	Fairchild Semiconductor		SN74LVTH244APW		S	TSSOP	20
74LVTH244MTCX	Fairchild Semiconductor		SN74LVTH244APWR		S	TSSOP	20
74LVTH244SJ	Fairchild Semiconductor		SN74LVTH244ANSR		S	SOP-EIAJ-II	20
74LVTH244SJX	Fairchild Semiconductor		SN74LVTH244ANSR		S	SOP-EIAJ-II	20
74LVTH244WM	Fairchild Semiconductor		SN74LVTH244ADW		S	SOIC	20
74LVTH244WM	Fairchild Semiconductor	tpd differs	SN74LVTH244ADW		S	SOIC	20
74LVTH244WMX	Fairchild Semiconductor		SN74LVTH244ADWR		S	SOIC	20
74LVTH245MSA	Fairchild Semiconductor		SN74LVTH245ADBR		S	SSOP	20
74LVTH245MSAX	Fairchild Semiconductor		SN74LVTH245ADBR		S	SSOP	20
74LVTH245MTC	Fairchild Semiconductor		SN74LVTH245APW		S	TSSOP	20
74LVTH245MTCX	Fairchild Semiconductor		SN74LVTH245APWR		S	TSSOP	20
74LVTH245SJ	Fairchild Semiconductor		SN74LVTH245ANSR		S	SOP	20
74LVTH245SJX	Fairchild Semiconductor		SN74LVTH245ANSR		S	SOP-EIAJ-II	20
74LVTH245WM	Fairchild Semiconductor		SN74LVTH245ADW		S	SOIC	20
74LVTH245WMX	Fairchild Semiconductor		SN74LVTH245ADWR		S	SOIC	20
74LVTH273MSA	Fairchild Semiconductor	Preliminary	SN74LVTH273DBR		S	SSOP	20
74LVTH273MSAX	Fairchild Semiconductor	Preliminary	SN74LVTH273DBR		S	SSOP	20
74LVTH273MTC	Fairchild Semiconductor		SN74LVTH273IPWREP		S	TSSOP	20
74LVTH273MTC	Fairchild Semiconductor		SN74LVTH273PW		S	TSSOP	20
74LVTH273MTCX	Fairchild Semiconductor		SN74LVTH273IPWREP		S	TSSOP	20
74LVTH273MTCX	Fairchild Semiconductor		SN74LVTH273PWR		S	TSSOP	20
74LVTH273SJ	Fairchild Semiconductor		SN74LVTH273NSR		S	SOP-EIAJ-II	20
74LVTH273SJX	Fairchild Semiconductor		SN74LVTH273NSR		S	SOP-EIAJ-II	20
74LVTH273WM	Fairchild Semiconductor		SN74LVTH273DW		S	SOIC	20
74LVTH273WMX	Fairchild Semiconductor		SN74LVTH273DWR		S	SOIC	20
74LVTH322374GX	Fairchild Semiconductor	Preliminary	SN74LVTH322374KR		S	LFBGA	96
74LVTH322374GX	Fairchild Semiconductor	tpd differs	SN74LVTH32374GKER		S	FBGA	96
74LVTH32244G	Fairchild Semiconductor	tpd differs	SN74LVTH32244GKER		S	FBGA	96
74LVTH32244GX	Fairchild Semiconductor	Preliminary	SN74LVTH32244GKER		S	LFBGA	96
74LVTH32244GX	Fairchild Semiconductor	tpd differs	SN74LVTH32244ZKER		S	FBGA	96
74LVTH32245G	Fairchild Semiconductor	tpd differs	SN74LVTH32245GKER		S	FBGA	96
74LVTH32245GX	Fairchild Semiconductor		SN74LVTH32245GKER		S	LFBGA	96
74LVTH32373GX	Fairchild Semiconductor	Preliminary	SN74LVTH32373GKER		S	LFBGA	96
74LVTH32374G	Fairchild Semiconductor		SN74LVTH32374GKER		S	FBGA	96
74LVTH32374G	Fairchild Semiconductor		SN74LVTH32374ZKER		S	FBGA	96
74LVTH32374GX	Fairchild Semiconductor	tpd differs	SN74LVTH322374KR		S	FBGA	96
74LVTH32374GX	Fairchild Semiconductor	Preliminary	SN74LVTH32374GKER		S	LFBGA	96

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LVTH32374GX	Fairchild Semiconductor		SN74LVTH32374ZKER		S	FBGA	96
74LVTH373MTC	Fairchild Semiconductor		SN74LVTH373PW		S	TSSOP	20
74LVTH373MTCX	Fairchild Semiconductor		SN74LVTH373PWR		S	TSSOP	20
74LVTH373SJ	Fairchild Semiconductor		SN74LVTH373NSR		S	SOP	20
74LVTH373SJX	Fairchild Semiconductor		SN74LVTH373NSR		S	SOP-EIAJ-II	20
74LVTH373WM	Fairchild Semiconductor		SN74LVTH373DW		S	SOIC	20
74LVTH373WMX	Fairchild Semiconductor		SN74LVTH373DWR		S	SOIC	20
74LVTH374MTC	Fairchild Semiconductor	tpd differs	SN74LV574PWR		S	TSSOP	20
74LVTH374MTC	Fairchild Semiconductor		SN74LVTH374PW		S	TSSOP	20
74LVTH374MTCX	Fairchild Semiconductor	tpd differs	SN74LVTH374IPWREP		S	TSSOP	20
74LVTH374MTCX	Fairchild Semiconductor		SN74LVTH374PWR		S	TSSOP	20
74LVTH374SJ	Fairchild Semiconductor		SN74LVTH374NSR		S	SOP-EIAJ-II	20
74LVTH374SJX	Fairchild Semiconductor		SN74LVTH374NSR		S	SOP-EIAJ-II	20
74LVTH374WM	Fairchild Semiconductor		SN74LVTH374DW		S	SOIC	20
74LVTH374WM	Fairchild Semiconductor	tpd differs	SN74LVTH374DWE4		S	SOIC	20
74LVTH374WMX	Fairchild Semiconductor		SN74LVTH374DWR		S	SOIC	20
74LVTH374WMX	Fairchild Semiconductor	tpd differs	SN74LVTH374DWRE4		S	SOIC	20
74LVTH543MTC	Fairchild Semiconductor		SN74LVTH543PW		S	TSSOP	24
74LVTH543MTCX	Fairchild Semiconductor		SN74LVTH543PWR		S	TSSOP	24
74LVTH543WM	Fairchild Semiconductor		SN74LVTH543DW		S	SOIC	24
74LVTH543WMX	Fairchild Semiconductor		SN74LVTH543DWR		S	SOIC	24
74LVTH573MSA	Fairchild Semiconductor		SN74LVTH573DBR		S	SSOP	20
74LVTH573MSAX	Fairchild Semiconductor		SN74LVTH573DBR		S	SSOP	20
74LVTH573MTC	Fairchild Semiconductor		SN74LVTH573PW		S	TSSOP	20
74LVTH573MTCX	Fairchild Semiconductor		SN74LVTH573PWR		S	TSSOP	20
74LVTH573SJ	Fairchild Semiconductor		SN74LVTH573NSR		S	SOP	20
74LVTH573SJX	Fairchild Semiconductor		SN74LVTH573NSR		S	SOP-EIAJ-II	20
74LVTH573WM	Fairchild Semiconductor		SN74LVTH573DW		S	SOIC	20
74LVTH573WMX	Fairchild Semiconductor		SN74LVTH573DWR		S	SOIC	20
74LVTH574MSA	Fairchild Semiconductor		SN74LVTH374DBR		S	SSOP	20
74LVTH574MSA	Fairchild Semiconductor		SN74LVTH574DBR		S	SSOP	20
74LVTH574MSAX	Fairchild Semiconductor		SN74LVTH374DBR		S	SSOP	20
74LVTH574MSAX	Fairchild Semiconductor		SN74LVTH574DBR		S	SSOP	20
74LVTH574MSAX	Fairchild Semiconductor		SN74LVTH574DBRE4		S	SSOP	20
74LVTH574MTC	Fairchild Semiconductor		SN74LVTH374IPWREP		S	TSSOP	20
74LVTH574MTC	Fairchild Semiconductor		SN74LVTH574PW		S	TSSOP	20
74LVTH574MTCX	Fairchild Semiconductor		SN74LVTH374IPWREP		S	TSSOP	20
74LVTH574MTCX	Fairchild Semiconductor		SN74LVTH574PWR		S	TSSOP	20
74LVTH574SJ	Fairchild Semiconductor		SN74LVTH574NSR		S	SOP-EIAJ-II	20
74LVTH574SJX	Fairchild Semiconductor		SN74LVTH574NSR		S	SOP-EIAJ-II	20
74LVTH574WM	Fairchild Semiconductor		SN74LVTH574DW		S	SOIC	20
74LVTH574WM	Fairchild Semiconductor		SN74LVTH574DWE4		S	SOIC	20
74LVTH574WMX	Fairchild Semiconductor		SN74LVTH574DWR		S	SOIC	20
74LVTH574WMX	Fairchild Semiconductor		SN74LVTH574DWRE4		S	SOIC	20
74LVTH646MTC	Fairchild Semiconductor		SN74LVTH646PW		S	TSSOP	24
74LVTH646MTCX	Fairchild Semiconductor		SN74LVTH646PWR		S	TSSOP	24
74LVTH646WM	Fairchild Semiconductor		SN74LVTH646DW		S	SOIC	24
74LVTH646WMX	Fairchild Semiconductor		SN74LVTH646DWR		S	SOIC	24
74LVTH652MTC	Fairchild Semiconductor		SN74LVTH652PW		S	TSSOP	24
74LVTH652MTCX	Fairchild Semiconductor		SN74LVTH652PWR		S	TSSOP	24
74LVTH652WM	Fairchild Semiconductor		SN74LVTH652DW		S	SOIC	24
74LVTH652WMX	Fairchild Semiconductor		SN74LVTH652DWR		S	SOIC	24
74LVU04D	NXP Semiconductor		SN74LVU04AD		S	SOIC	14
74LVU04DB	NXP Semiconductor		SN74LVU04ADBR		S	SSOP	14
74LVU04DB-T	NXP Semiconductor		SN74LVU04ADBR		S	SSOP	14
74LVU04D-T	NXP Semiconductor		SN74LVU04ADR		S	SOIC	14
74LVU04N	NXP Semiconductor		SN74AHC04N	Substitute AHC (this package)	S	PDIP	14
74LVU04N	NXP Semiconductor		SN74AHC04N		S	PDIP	14
74LVU04PW	NXP Semiconductor		SN74LVU04APW		S	TSSOP	14
74LVU04PWDH	NXP Semiconductor		SN74LVU04APWR		S	TSSOP	14
74LVX00M	Fairchild Semiconductor		SN74LV00AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX00M	ST Microelectronics (STM)		SN74LV00AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX00MTC	Fairchild Semiconductor		SN74LV00APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX00MTCX	Fairchild Semiconductor		SN74LV00APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14

74LVTH32374GX — 74LVX00MTCX

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LVX00MTR	ST Microelectronics (STM)		SN74LV00ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX00MX	Fairchild Semiconductor		SN74LV00ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX00SJ	Fairchild Semiconductor		SN74LV00ANSR	TI tpd generally slightly slower, higher I/O,	S	SOP-EIAJ-II	14
74LVX00SJX	Fairchild Semiconductor		SN74LV00ANSR	TI tpd generally slightly slower, higher I/O	S	SOP-EIAJ-II	14
74LVX00TTR	ST Microelectronics (STM)		SN74LV00APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX02M	Fairchild Semiconductor		SN74LV02AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX02M	ST Microelectronics (STM)		SN74LV02AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX02MTC	Fairchild Semiconductor		SN74LV02APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX02MTCX	Fairchild Semiconductor		SN74LV02APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX02MTR	ST Microelectronics (STM)		SN74LV02ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX02MX	Fairchild Semiconductor		SN74LV02ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX02SJ	Fairchild Semiconductor		SN74LV02ANSR	TI tpd generally slightly slower, higher I/O,	S	SOP-EIAJ-II	14
74LVX02SJX	Fairchild Semiconductor		SN74LV02ANSR	TI tpd generally slightly slower, higher I/O	S	SOP-EIAJ-II	14
74LVX02TTR	ST Microelectronics (STM)		SN74LV02APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX04M	Fairchild Semiconductor		SN74LV04AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX04M	ST Microelectronics (STM)		SN74LV04AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX04MTC	Fairchild Semiconductor		SN74LV04APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX04MTCX	Fairchild Semiconductor		SN74LV04APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX04MTR	ST Microelectronics (STM)		SN74LV04ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX04MX	Fairchild Semiconductor		SN74LV04ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX04SJ	Fairchild Semiconductor		SN74LV04ANSR		S	SOP	14
74LVX04SJX	Fairchild Semiconductor		SN74LV04ANSR	TI tpd generally slightly slower, higher I/O	S	SOP-EIAJ-II	14
74LVX04TTR	ST Microelectronics (STM)		SN74LV04APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX05M	ST Microelectronics (STM)		SN74LV05AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX05MTR	ST Microelectronics (STM)		SN74LV05ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX05TTR	ST Microelectronics (STM)		SN74LV05APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX08M	Fairchild Semiconductor		SN74LV08AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX08M	ST Microelectronics (STM)		SN74LV08AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX08MTC	Fairchild Semiconductor		SN74LV08APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX08MTCX	Fairchild Semiconductor		SN74LV08APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX08MTR	ST Microelectronics (STM)		SN74LV08ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX08MX	Fairchild Semiconductor		SN74LV08ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX08SJ	Fairchild Semiconductor		SN74LV08ANSR	TI tpd generally slightly slower, higher I/O,	S	SOP-EIAJ-II	14
74LVX08SJX	Fairchild Semiconductor		SN74LV08ANSR	TI tpd generally slightly slower, higher I/O	S	SOP-EIAJ-II	14
74LVX08TTR	ST Microelectronics (STM)		SN74LV08APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX125M	Fairchild Semiconductor		SN74LV125AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX125M	ST Microelectronics (STM)		SN74LV125AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX125MTC	Fairchild Semiconductor		SN74LV125APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX125MTCX	Fairchild Semiconductor		SN74LV125APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX125MTR	ST Microelectronics (STM)		SN74LV125ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX125MX	Fairchild Semiconductor		SN74LV125ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX125SJ	Fairchild Semiconductor		SN74LV125ANSR	TI tpd generally slightly slower, higher I/O,	S	SOP-EIAJ-II	14
74LVX125SJX	Fairchild Semiconductor		SN74LV125ANSR	TI tpd generally slightly slower, higher I/O	S	SOP-EIAJ-II	14
74LVX125TTR	ST Microelectronics (STM)		SN74LV125APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX126M	ST Microelectronics (STM)		SN74LV126AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX126MTR	ST Microelectronics (STM)		SN74LV126ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX126TTR	ST Microelectronics (STM)		SN74LV126APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX132M	Fairchild Semiconductor		SN74LV132AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX132M	ST Microelectronics (STM)		SN74LV132AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX132MTC	Fairchild Semiconductor		SN74LV132APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX132MTCX	Fairchild Semiconductor		SN74LV132APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX132MTR	ST Microelectronics (STM)		SN74LV132ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX132MX	Fairchild Semiconductor		SN74LV132ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX132SJ	Fairchild Semiconductor		SN74LV132ANSR	TI tpd generally slightly slower, higher I/O,	S	SOP-EIAJ-II	14
74LVX132SJX	Fairchild Semiconductor		SN74LV132ANSR	TI tpd generally slightly slower, higher I/O	S	SOP-EIAJ-II	14
74LVX132TTR	ST Microelectronics (STM)		SN74LV132APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX138M	Fairchild Semiconductor		SN74LV138AD	TI tpd generally slightly slower, higher I/O	S	SOIC	16
74LVX138M	ST Microelectronics (STM)		SN74LV138AD	TI tpd generally slightly slower, higher I/O	S	SOIC	16
74LVX138MSCX	Fairchild Semiconductor		SN74LV138APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	16
74LVX138MTC	Fairchild Semiconductor		SN74LV138APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	16
74LVX138MTCX	Fairchild Semiconductor		SN74LV138APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	16
74LVX138MTR	ST Microelectronics (STM)		SN74LV138ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	16
74LVX138MX	Fairchild Semiconductor		SN74LV138ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	16
74LVX138SJ	Fairchild Semiconductor	tpd, Vs differ	SN74LV138ANSR		S	SOP	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LVX138SJX	Fairchild Semiconductor		SN74LV138ANSR	TI tpd generally slightly slower, higher I/O	S	SOP-EIAJ-II	16
74LVX138TTR	ST Microelectronics (STM)		SN74LV138APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	16
74LVX139M	ST Microelectronics (STM)		SN74LV139AD	TI tpd generally slightly slower, higher I/O	S	SOIC	16
74LVX139MTR	ST Microelectronics (STM)		SN74LV139ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	16
74LVX139TTR	ST Microelectronics (STM)		SN74LV139APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	16
74LVX14M	Fairchild Semiconductor		SN74LV14AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX14M	ST Microelectronics (STM)		SN74LV14AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX14MTC	Fairchild Semiconductor		SN74LV14APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX14MTCX	Fairchild Semiconductor		SN74LV14APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX14MTR	ST Microelectronics (STM)		SN74LV14ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX14MX	Fairchild Semiconductor		SN74LV14ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX14SJ	Fairchild Semiconductor		SN74LV14ANSR		S	SOP	14
74LVX14SJX	Fairchild Semiconductor		SN74LV14ANSR	TI tpd generally slightly slower, higher I/O	S	SOP-EIAJ-II	14
74LVX14TTR	ST Microelectronics (STM)		SN74LV14APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX157M	Fairchild Semiconductor	tpd, Vs differ	SN74AHC157D		S	SOIC	16
74LVX157M	Fairchild Semiconductor		SN74LV157AD	TI tpd generally slightly slower, higher I/O	S	SOIC	16
74LVX157M	ST Microelectronics (STM)		SN74LV157AD	TI tpd generally slightly slower, higher I/O	S	SOIC	16
74LVX157MTC	Fairchild Semiconductor	tpd, Vs differ	SN74AHC157PW		S	TSSOP	16
74LVX157MTC	Fairchild Semiconductor		SN74LV157APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	16
74LVX157MTCX	Fairchild Semiconductor	tpd, Vs differ	SN74AHC157PWR		S	TSSOP	16
74LVX157MTCX	Fairchild Semiconductor		SN74LV157APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	16
74LVX157MTR	ST Microelectronics (STM)		SN74LV157ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	16
74LVX157MX	Fairchild Semiconductor	tpd, Vs differ	SN74AHC157DR		S	SOIC	16
74LVX157MX	Fairchild Semiconductor		SN74LV157ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	16
74LVX157SJ	Fairchild Semiconductor	tpd, Vs differ	SN74LV157ANSR		S	SOP	16
74LVX157SJX	Fairchild Semiconductor	tpd, Vs differ	SN74AHC157NSR		S	SOP	16
74LVX157SJX	Fairchild Semiconductor		SN74LV157ANSR	TI tpd generally slightly slower, higher I/O	S	SOP-EIAJ-II	16
74LVX157TTR	ST Microelectronics (STM)	tpd, Vs differ	SN74AHC157PWR		S	TSSOP	16
74LVX157TTR	ST Microelectronics (STM)		SN74LV157APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	16
74LVX161284AMTD	Fairchild Semiconductor	tpd, Vs differ	SN74LV161284DGGR		Q	TSSOP	48
74LVX161284AMTX	Fairchild Semiconductor		SN74LV161284DGGR	TI tpd generally slightly slower, higher I/O	S	TSSOP	48
74LVX161284MEA	Fairchild Semiconductor		SN74LV161284DL	TI tpd generally slightly slower, higher I/O	S	SSOP	48
74LVX161284MEAX	Fairchild Semiconductor		SN74LV161284DLR	TI tpd generally slightly slower, higher I/O	S	SSOP	48
74LVX161284MTD	Fairchild Semiconductor	tpd, Vs differ	SN74LV161284DGGR		Q	TSSOP	48
74LVX161284MTDX	Fairchild Semiconductor		SN74LV161284DGGR	TI tpd generally slightly slower, higher I/O	S	TSSOP	48
74LVX16240TTR	ST Microelectronics (STM)		SN74AHC16240DGGR	TI tpd generally slightly slower, higher I/O	S	TSSOP	24
74LVX16244TTR	ST Microelectronics (STM)		SN74AHC16244DGGR	TI tpd generally slightly slower, higher I/O	S	TSSOP	24
74LVX16373TTR	ST Microelectronics (STM)		SN74AHC16373DGGR	TI tpd generally slightly slower, higher I/O	S	TSSOP	24
74LVX16374T	ST Microelectronics (STM)	tpd differs	SN74AHC16374DGGR		S	TSSOP	48
74LVX16374TTR	ST Microelectronics (STM)		SN74AHC16374DGGR	TI tpd generally slightly slower, higher I/O	S	TSSOP	48
74LVX163M	Fairchild Semiconductor		SN74LV163AD	TI tpd generally slightly slower, higher I/O	S	SOIC	16
74LVX163MTC	Fairchild Semiconductor		SN74LV163APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	16
74LVX163MTCX	Fairchild Semiconductor		SN74LV163APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	16
74LVX163MX	Fairchild Semiconductor		SN74LV163ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	16
74LVX163SJ	Fairchild Semiconductor		SN74LV163ANSR	TI tpd generally slightly slower, higher I/O	S	SOP-EIAJ-II	16
74LVX163SJX	Fairchild Semiconductor		SN74LV163ANSR	TI tpd generally slightly slower, higher I/O	S	SOP-EIAJ-II	16
74LVX174M	Fairchild Semiconductor		SN74LV174AD	TI tpd generally slightly slower, higher I/O	S	SOIC	16
74LVX174M	ST Microelectronics (STM)		SN74LV174AD	TI tpd generally slightly slower, higher I/O	S	SOIC	16
74LVX174MTC	Fairchild Semiconductor	tpd differs	SN74AHC174PWR		S	TSSOP	16
74LVX174MTC	Fairchild Semiconductor		SN74LV174APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	16
74LVX174MTCX	Fairchild Semiconductor		SN74LV174APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	16
74LVX174MTR	ST Microelectronics (STM)		SN74LV174ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	16
74LVX174MX	Fairchild Semiconductor		SN74LV174ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	16
74LVX174SJ	Fairchild Semiconductor	tpd differs	SN74AHC174NSR		S	SOP-EIAJ-II	16
74LVX174SJX	Fairchild Semiconductor		SN74LV174ANSR	TI tpd generally slightly slower, higher I/O	S	SOP-EIAJ-II	16
74LVX174SJX	Fairchild Semiconductor	tpd differs	SN74AHC174NSR		S	SOP-EIAJ-II	16
74LVX174SJX	Fairchild Semiconductor		SN74LV174ANSR	TI tpd generally slightly slower, higher I/O	S	SOP-EIAJ-II	16
74LVX174TTR	ST Microelectronics (STM)		SN74LV174APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	16
74LVX20M	ST Microelectronics (STM)		SN74LV20AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX20MTR	ST Microelectronics (STM)		SN74LV20ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX20TTR	ST Microelectronics (STM)		SN74LV20APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX240M	Fairchild Semiconductor		SN74LV240ADW	TI tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX240M	ST Microelectronics (STM)		SN74LV240ADW	TI tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX240MTC	Fairchild Semiconductor		SN74LV240APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	20

74LVX138SJX — 74LVX240MTC

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LVX240MTCX	Fairchild Semiconductor		SN74LV240APWR	Ti tpd generally slightly slower, higher I/O	S	TSSOP	20
74LVX240MTR	ST Microelectronics (STM)		SN74LV240ADWR	Ti tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX240MX	Fairchild Semiconductor		SN74LV240ADWR	Ti tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX240SJ	Fairchild Semiconductor		SN74LV240ANSR	Ti tpd generally slightly slower, higher I/O,	S	SOP-EIAJ-II	20
74LVX240SJC	Fairchild Semiconductor		SN74LV240ANSR	Ti tpd generally slightly slower, higher I/O	S	SOP-EIAJ-II	20
74LVX240TTR	ST Microelectronics (STM)		SN74LV240APWR	Ti tpd generally slightly slower, higher I/O	S	TSSOP	20
74LVX244M	Fairchild Semiconductor		SN74LV244ADW	Ti tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX244M	ST Microelectronics (STM)		SN74LV244ADW	Ti tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX244MTC	Fairchild Semiconductor		SN74LV244APW	Ti tpd generally slightly slower, higher I/O	S	TSSOP	20
74LVX244MTCX	Fairchild Semiconductor		SN74LV244APWR	Ti tpd generally slightly slower, higher I/O	S	TSSOP	20
74LVX244MTR	ST Microelectronics (STM)		SN74LV244ADWR	Ti tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX244MX	Fairchild Semiconductor		SN74LV244ADWR	Ti tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX244SJ	Fairchild Semiconductor		SN74LV244ANSR	Ti tpd generally slightly slower, higher I/O,	S	SOP-EIAJ-II	20
74LVX244SJC	Fairchild Semiconductor		SN74LV244ANSR	Ti tpd generally slightly slower, higher I/O	S	SOP-EIAJ-II	20
74LVX244TTR	ST Microelectronics (STM)		SN74LV244APWR	Ti tpd generally slightly slower, higher I/O	S	TSSOP	20
74LVX245M	Fairchild Semiconductor		SN74LV245ADW	Ti tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX245M	ST Microelectronics (STM)		SN74LV245ADW	Ti tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX245MTC	Fairchild Semiconductor		SN74LV245APW	Ti tpd generally slightly slower, higher I/O	S	TSSOP	20
74LVX245MTCX	Fairchild Semiconductor		SN74LV245APWR	Ti tpd generally slightly slower, higher I/O	S	TSSOP	20
74LVX245MTR	ST Microelectronics (STM)		SN74LV245ADWR	Ti tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX245MX	Fairchild Semiconductor		SN74LV245ADWR	Ti tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX245SJ	Fairchild Semiconductor	tpd, Vs differ	SN74LV245ANSR		S	SOP	20
74LVX245SJC	Fairchild Semiconductor		SN74LV245ANSR	Ti tpd generally slightly slower, higher I/O	S	SOP-EIAJ-II	20
74LVX245TTR	ST Microelectronics (STM)		SN74LV245APWR	Ti tpd generally slightly slower, higher I/O	S	TSSOP	20
74LVX273M	Fairchild Semiconductor		SN74LV273ADW	Ti tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX273M	ST Microelectronics (STM)		SN74LV273ADW	Ti tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX273MTC	Fairchild Semiconductor		SN74LV273APW	Ti tpd generally slightly slower, higher I/O	S	TSSOP	20
74LVX273MTCX	Fairchild Semiconductor		SN74LV273APWR	Ti tpd generally slightly slower, higher I/O	S	TSSOP	20
74LVX273MTR	ST Microelectronics (STM)		SN74LV273ADWR	Ti tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX273MX	Fairchild Semiconductor		SN74LV273ADWR	Ti tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX273SJC	Fairchild Semiconductor		SN74LV273ANSR	Ti tpd generally slightly slower, higher I/O,	S	SOP-EIAJ-II	20
74LVX273SJC	Fairchild Semiconductor		SN74LV273ANSR	Ti tpd generally slightly slower, higher I/O	S	SOP-EIAJ-II	20
74LVX273TTR	ST Microelectronics (STM)		SN74LV273APWR	Ti tpd generally slightly slower, higher I/O	S	TSSOP	20
74LVX27M	ST Microelectronics (STM)		SN74LV27AD	Ti tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX27MTR	ST Microelectronics (STM)		SN74LV27ADR	Ti tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX27TTR	ST Microelectronics (STM)		SN74LV27APWR	Ti tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX3245M	ST Microelectronics (STM)		SN74LVCC3245ADW	Higher performance that LVX	Q	SOIC	24
74LVX3245MTC	Fairchild Semiconductor		SN74LVCC3245APW	Higher performance that LVX	Q	TSSOP	20
74LVX3245MTCX	Fairchild Semiconductor		SN74LVCC3245APWR	Higher performance that LVX	Q	TSSOP	20
74LVX3245MTR	ST Microelectronics (STM)		SN74LVCC3245ADWR	Higher performance that LVX	Q	SOIC	24
74LVX3245QSC	Fairchild Semiconductor		SN74LVCC3245ADBQR	Higher performance that LVX	Q	SSOP/QSOP	20
74LVX3245QSCX	Fairchild Semiconductor		SN74LVCC3245ADBQR	Higher performance that LVX	Q	SSOP/QSOP	24
74LVX3245TTR	ST Microelectronics (STM)		SN74LVCC3245APWR	Higher performance that LVX	Q	TSSOP	24
74LVX3245WM	Fairchild Semiconductor		SN74LVCC3245ADW	Higher performance that LVX	Q	SOIC	24
74LVX3245WMX	Fairchild Semiconductor		SN74LVCC3245ADWR	Higher performance that LVX	Q	SOIC	20
74LVX32M	Fairchild Semiconductor		SN74LV32AD	Ti tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX32M	ST Microelectronics (STM)		SN74LV32AD	Ti tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX32MSCX	Fairchild Semiconductor		SN74LV32APWR	Ti tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX32MTC	Fairchild Semiconductor		SN74LV32APW	Ti tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX32MTCX	Fairchild Semiconductor		SN74LV32APWR	Ti tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX32MTR	ST Microelectronics (STM)		SN74LV32ADR	Ti tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX32MX	Fairchild Semiconductor		SN74LV32ADR	Ti tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX32SJC	Fairchild Semiconductor		SN74LV32ANSR	Ti tpd generally slightly slower, higher I/O,	S	SOP-EIAJ-II	14
74LVX32SJC	Fairchild Semiconductor		SN74LV32ANSR	Ti tpd generally slightly slower, higher I/O	S	SOP-EIAJ-II	14
74LVX32TTR	ST Microelectronics (STM)		SN74LV32APWR	Ti tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX373M	Fairchild Semiconductor		SN74LV373ADW	Ti tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX373M	ST Microelectronics (STM)		SN74LV373ADW	Ti tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX373MTC	Fairchild Semiconductor		SN74LV373APW	Ti tpd generally slightly slower, higher I/O	S	TSSOP	20
74LVX373MTCX	Fairchild Semiconductor		SN74LV373APWR	Ti tpd generally slightly slower, higher I/O	S	TSSOP	20
74LVX373MTR	ST Microelectronics (STM)		SN74LV373ADWR	Ti tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX373MX	Fairchild Semiconductor		SN74LV373ADWR	Ti tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX373SJC	Fairchild Semiconductor		SN74LV373ANSR		S	SOP	20
74LVX373SJC	Fairchild Semiconductor		SN74LV373ANSR	Ti tpd generally slightly slower, higher I/O	S	SOP-EIAJ-II	20
74LVX373TTR	ST Microelectronics (STM)		SN74LV373APWR	Ti tpd generally slightly slower, higher I/O	S	TSSOP	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LVX374M	Fairchild Semiconductor		SN74LV374ADW	TI tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX374M	ST Microelectronics (STM)		SN74LV374ADW	TI tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX374MTC	Fairchild Semiconductor		SN74LV374APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	20
74LVX374MTCX	Fairchild Semiconductor		SN74LV374APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	20
74LVX374MTR	ST Microelectronics (STM)		SN74LV374ADWR	TI tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX374MX	Fairchild Semiconductor		SN74LV374ADWR	TI tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX374SJ	Fairchild Semiconductor		SN74LV374ANSR	TI tpd generally slightly slower, higher I/O,	S	SOP-EIAJ-II	20
74LVX374SJX	Fairchild Semiconductor		SN74LV374ANSR	TI tpd generally slightly slower, higher I/O	S	SOP-EIAJ-II	20
74LVX374TTR	ST Microelectronics (STM)		SN74LV374APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	20
74LVX4245M	ST Microelectronics (STM)		SN74LVC4245ADW	Higher performance than LVX	Q	SOIC	24
74LVX4245MTC	Fairchild Semiconductor		SN74LVC4245APW	Higher performance than LVX	Q	TSSOP	20
74LVX4245MTCX	Fairchild Semiconductor		SN74LVC4245APWR	Higher performance than LVX	Q	TSSOP	20
74LVX4245MTR	ST Microelectronics (STM)		SN74LVC4245ADWR	Higher performance than LVX	Q	SOIC	24
74LVX4245TTR	ST Microelectronics (STM)		SN74LVC4245APWR	Higher performance than LVX	Q	TSSOP	24
74LVX4245WMM	Fairchild Semiconductor		SN74LVC4245ADW	Higher performance than LVX	Q	SOIC	20
74LVX4245WMMX	Fairchild Semiconductor		SN74LVC4245ADWR	Higher performance than LVX	Q	SOIC	20
74LVX541M	Fairchild Semiconductor		SN74LV541ADW	TI tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX541M	ST Microelectronics (STM)		SN74LV541ADW	TI tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX541MTC	Fairchild Semiconductor		SN74LV541APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	20
74LVX541MTCX	Fairchild Semiconductor		SN74LV541APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	20
74LVX541MTR	ST Microelectronics (STM)		SN74LV541ADWR	TI tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX541MX	Fairchild Semiconductor		SN74LV541ADWR	TI tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX541SJ	Fairchild Semiconductor		SN74LV541ANSR	TI tpd generally slightly slower, higher I/O,	S	SOP-EIAJ-II	20
74LVX541SJX	Fairchild Semiconductor		SN74LV541ANSR	TI tpd generally slightly slower, higher I/O	S	SOP-EIAJ-II	20
74LVX541TTR	ST Microelectronics (STM)		SN74LV541APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	20
74LVX573M	Fairchild Semiconductor		SN74LV573ADW	TI tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX573M	ST Microelectronics (STM)		SN74LV573ADW	TI tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX573M	ST Microelectronics (STM)	I/O tolerance, tpd differ	SN74LV573ANSR		S	SOP	20
74LVX573MTC	Fairchild Semiconductor	Vs differs	SN74AHC573PW		S	TSSOP	20
74LVX573MTC	Fairchild Semiconductor		SN74LV573APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	20
74LVX573MTCX	Fairchild Semiconductor		SN74LV573APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	20
74LVX573MTR	ST Microelectronics (STM)		SN74LV573ADWR	TI tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX573MX	Fairchild Semiconductor		SN74LV573ADWR	TI tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX573SJ	Fairchild Semiconductor		SN74LV573ANSR		S	SOP	20
74LVX573SJX	Fairchild Semiconductor		SN74LV573ANSR	TI tpd generally slightly slower, higher I/O	S	SOP-EIAJ-II	20
74LVX573TTR	ST Microelectronics (STM)		SN74LV573APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	20
74LVX574M	Fairchild Semiconductor		SN74LV574ADW	TI tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX574M	ST Microelectronics (STM)		SN74LV574ADW	TI tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX574MTC	Fairchild Semiconductor		SN74LV574APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	20
74LVX574MTCX	Fairchild Semiconductor		SN74LV574APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	20
74LVX574MTR	ST Microelectronics (STM)		SN74LV574ADWR	TI tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX574MX	Fairchild Semiconductor		SN74LV574ADWR	TI tpd generally slightly slower, higher I/O	S	SOIC	20
74LVX574SJ	Fairchild Semiconductor		SN74LV574ANSR	TI tpd generally slightly slower, higher I/O,	S	SOP-EIAJ-II	20
74LVX574SJX	Fairchild Semiconductor		SN74LV574ANSR	TI tpd generally slightly slower, higher I/O	S	SOP-EIAJ-II	20
74LVX574TTR	ST Microelectronics (STM)		SN74LV574APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	20
74LVX594M	ST Microelectronics (STM)		SN74LV594AD	TI tpd generally slightly slower, higher I/O	S	SOIC	16
74LVX594MTR	ST Microelectronics (STM)		SN74LV594ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	16
74LVX594TTR	ST Microelectronics (STM)		SN74LV594APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	16
74LVX74M	Fairchild Semiconductor		SN74LV74AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX74M	ST Microelectronics (STM)		SN74LV74AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX74MTC	Fairchild Semiconductor		SN74LV74APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX74MTCX	Fairchild Semiconductor		SN74LV74APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX74MTR	ST Microelectronics (STM)		SN74LV74ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX74MX	Fairchild Semiconductor		SN74LV74ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX74SJ	Fairchild Semiconductor		SN74LV74ANSR	TI tpd generally slightly slower, higher I/O,	S	SOP-EIAJ-II	14
74LVX74SJX	Fairchild Semiconductor		SN74LV74ANSR	TI tpd generally slightly slower, higher I/O	S	SOP-EIAJ-II	14
74LVX74TTR	ST Microelectronics (STM)		SN74LV74APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX86M	Fairchild Semiconductor		SN74LV86AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX86M	ST Microelectronics (STM)		SN74LV86AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX86MTC	Fairchild Semiconductor		SN74LV86APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX86MTCX	Fairchild Semiconductor		SN74LV86APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVX86MTR	ST Microelectronics (STM)		SN74LV86ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX86MX	Fairchild Semiconductor		SN74LV86ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVX86SJ	Fairchild Semiconductor		SN74LV86ANSR	TI tpd generally slightly slower, higher I/O,	S	SOP-EIAJ-II	14

74LVX374M — 74LVX86SJ

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74LVX86S.JX	Fairchild Semiconductor		SN74LV86ANSR	TI tpd generally slightly slower, higher I/O	S	SOP-EIAJ-II	14
74LVX86TTR	ST Microelectronics (STM)		SN74LV86APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVXC3245M	ST Microelectronics (STM)		SN74LVCC3245ADW	Higher performance than LVXC	Q	SOIC	24
74LVXC3245MTC	Fairchild Semiconductor		SN74LVCC3245APW	Higher performance than LVXC	Q	TSSOP	20
74LVXC3245MTCX	Fairchild Semiconductor		SN74LVCC3245APWR	Higher performance than LVXC	Q	TSSOP	24
74LVXC3245MTR	ST Microelectronics (STM)		SN74LVCC3245ADWR	Higher performance than LVXC	Q	SOIC	24
74LVXC3245QSC	Fairchild Semiconductor		SN74LVCC3245ADBQR	Higher performance than LVXC	Q	SSOP/QSOP	24
74LVXC3245QSCX	Fairchild Semiconductor		SN74LVCC3245ADBQR	Higher performance than LVXC	Q	SSOP/QSOP	20
74LVXC3245TTR	ST Microelectronics (STM)		SN74LVCC3245APWR	Higher performance than LVXC	Q	TSSOP	24
74LVXC3245WM	Fairchild Semiconductor		SN74LVCC3245ADW	Higher performance than LVXC	Q	SOIC	20
74LVXC3245WMX	Fairchild Semiconductor		SN74LVCC3245ADWR	Higher performance than LVXC	Q	SOIC	20
74LVXC4245M	ST Microelectronics (STM)		SN74LVC4245ADW	Higher performance than LVXC	Q	SOIC	24
74LVXC4245MTC	Fairchild Semiconductor		SN74LVCC4245APW	Higher performance than LVXC	Q	TSSOP	20
74LVXC4245MTCX	Fairchild Semiconductor		SN74LVCC4245APWR	Higher performance than LVXC	Q	TSSOP	20
74LVXC4245MTR	ST Microelectronics (STM)		SN74LVC4245ADWR	Higher performance than LVXC	Q	SOIC	24
74LVXC4245TTR	ST Microelectronics (STM)		SN74LVC4245APWR	Higher performance than LVXC	Q	TSSOP	24
74LVXC4245WM	Fairchild Semiconductor		SN74LVCC4245ADW	Higher performance than LVXC	Q	SOIC	20
74LVXC4245WMX	Fairchild Semiconductor		SN74LVCC4245ADWR	Higher performance than LVXC	Q	SOIC	20
74LVXU04M	ST Microelectronics (STM)		SN74LVU04AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVXU04MTR	ST Microelectronics (STM)		SN74LVU04ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14
74LVXU04T	ST Microelectronics (STM)	tpd, Vs differ	SN74LVU04APWR		S	TSSOP	14
74LVXU04TTR	ST Microelectronics (STM)		SN74LVU04APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
74LVXZ161284BTX	Fairchild Semiconductor	Discontinued PCN 20040701, 02/27/2004	SN74LVCZ161284AGR		S	TSSOP	48
74LX1G00CTR	ST Microelectronics (STM)		SN74LVC1G00DCKR		S	SC-70/EIAJSC88	5
74LX1G00STR	ST Microelectronics (STM)		SN74LVC1G00DBVR		S	SOT23-5	5
74LX1G02CTR	ST Microelectronics (STM)		SN74LVC1G02DCKR		S	SC-70/EIAJSC88	5
74LX1G02STR	ST Microelectronics (STM)		SN74LVC1G02DBVR		S	SOT23-5	5
74LX1G04CTR	ST Microelectronics (STM)		SN74LVC1G04DCKR		S	SC-70/EIAJSC88	5
74LX1G04STR	ST Microelectronics (STM)		SN74LVC1G04DBVR		S	SOT23-5	5
74LX1G05CTR	ST Microelectronics (STM)		SN74LVC1G06DCKR		S	SC-70/EIAJSC88	5
74LX1G05STR	ST Microelectronics (STM)		SN74LVC1G06DBVR		S	SOT23-5	5
74LX1G07CTR	ST Microelectronics (STM)		SN74LVC1G07DCKR		S	SC-70/EIAJSC88	5
74LX1G07STR	ST Microelectronics (STM)		SN74LVC1G07DBVR		S	SOT23-5	5
74LX1G08CTR	ST Microelectronics (STM)		SN74LVC1G08DCKR		S	SC-70/EIAJSC88	5
74LX1G08STR	ST Microelectronics (STM)		SN74LVC1G08DBVR		S	SOT23-5	5
74LX1G125CTR	ST Microelectronics (STM)		SN74LVC1G125DCKR		S	SC-70/EIAJSC88	5
74LX1G125STR	ST Microelectronics (STM)		SN74LVC1G125DBVR		S	SOT23-5	5
74LX1G126CTR	ST Microelectronics (STM)		SN74LVC1G126DCKR		S	SC-70/EIAJSC88	5
74LX1G126STR	ST Microelectronics (STM)		SN74LVC1G126DBVR		S	SOT23-5	5
74LX1G14CTR	ST Microelectronics (STM)		SN74LVC1G14DCKR		S	SC-70/EIAJSC88	5
74LX1G14STR	ST Microelectronics (STM)		SN74LVC1G14DBVR		S	SOT23-5	5
74LX1G32CTR	ST Microelectronics (STM)		SN74LVC1G32DCKR		S	SC-70/EIAJSC88	5
74LX1G32STR	ST Microelectronics (STM)		SN74LVC1G32DBVR		S	SOT23-5	5
74LX1G86CTR	ST Microelectronics (STM)		SN74LVC1G86DCKR		S	SC-70/EIAJSC88	5
74LX1G86STR	ST Microelectronics (STM)		SN74LVC1G86DBVR		S	SOT23-5	5
74LX1GU04CTR	ST Microelectronics (STM)		SN74LVC1GU04DCKR		S	SC-70/EIAJSC88	5
74LX1GU04STR	ST Microelectronics (STM)		SN74LVC1GU04DBVR		S	SOT23-5	5
74V1G00CTR	ST Microelectronics (STM)		SN74AHC1G00DCKR		S	SC-70/EIAJSC88	5
74V1G00STR	ST Microelectronics (STM)		SN74AHC1G00DBVR		S	SOT23-5	5
74V1G02CTR	ST Microelectronics (STM)		SN74AHC1G02DCKR		S	SC-70/EIAJSC88	5
74V1G02STR	ST Microelectronics (STM)		SN74AHC1G02DBVR		S	SOT23-5	5
74V1G04C	ST Microelectronics (STM)	tpd differs	SN74AHC1G04DCKR		S	SC-70	5
74V1G04CTR	ST Microelectronics (STM)		SN74AHC1G04DCKR		S	SC-70/EIAJSC88	5
74V1G04STR	ST Microelectronics (STM)		SN74AHC1G04DBVR		S	SOT23-5	5
74V1G08CTR	ST Microelectronics (STM)		SN74AHC1G08DCKR		S	SC-70/EIAJSC88	5
74V1G08STR	ST Microelectronics (STM)		SN74AHC1G08DBVR		S	SOT23-5	5
74V1G125C	ST Microelectronics (STM)	tpd differs	SN74LVC1G126DCKR		S	SOT-323	5
74V1G125CTR	ST Microelectronics (STM)		SN74AHC1G125DCKR		S	SC-70/EIAJSC88	5
74V1G125S	ST Microelectronics (STM)	tpd differs	SN74LVC1G126DCKR		S	SOT-23	5
74V1G125STR	ST Microelectronics (STM)		SN74AHC1G125DBVR		S	SOT23-5	5
74V1G126CTR	ST Microelectronics (STM)		SN74AHC1G126DCKR		S	SC-70/EIAJSC88	5
74V1G126STR	ST Microelectronics (STM)		SN74AHC1G126DBVR		S	SOT23-5	5
74V1G14CTR	ST Microelectronics (STM)		SN74AHC1G14DCKR		S	SC-70/EIAJSC88	5
74V1G14STR	ST Microelectronics (STM)		SN74AHC1G14DBVR		S	SOT23-5	5

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74V1G32CTR	ST Microelectronics (STM)		SN74AHC1G32DCKR		S	SC-70/EIAJSC88	5
74V1G32STR	ST Microelectronics (STM)		SN74AHC1G32DBVR		S	SOT23-5	5
74V1G86CTR	ST Microelectronics (STM)		SN74AHC1G86DCKR		S	SC-70/EIAJSC88	5
74V1G86STR	ST Microelectronics (STM)		SN74AHC1G86DBVR		S	SOT23-5	5
74V1GU04CTR	ST Microelectronics (STM)		SN74AHC1GU04DCKR		S	SC-70/EIAJSC88	5
74V1GU04S	ST Microelectronics (STM)		SN74AHC1GU04DBVR		S	SOT-23	5
74V1GU04STR	ST Microelectronics (STM)		SN74AHC1GU04DBVR		S	SOT23-5	5
74V1GU04STR	ST Microelectronics (STM)		SN74AHC1GU04DBVT		S	SOT-23	5
74V1T00CTR	ST Microelectronics (STM)		SN74AHCT1G00DCKR		S	SC-70/EIAJSC88	5
74V1T00STR	ST Microelectronics (STM)		SN74AHCT1G00DBVR		S	SOT-23	5
74V1T02CTR	ST Microelectronics (STM)		SN74AHCT1G02DCKR		S	SC-70/EIAJSC88	5
74V1T02STR	ST Microelectronics (STM)		SN74AHCT1G02DBVR		S	SOT-23	5
74V1T04CTR	ST Microelectronics (STM)		SN74AHCT1G04DCKR		S	SC-70/EIAJSC88	5
74V1T04STR	ST Microelectronics (STM)		SN74AHCT1G04DBVR		S	SOT-23	5
74V1T08CTR	ST Microelectronics (STM)		SN74AHCT1G08DCKR		S	SC-70/EIAJSC88	5
74V1T08STR	ST Microelectronics (STM)		SN74AHCT1G08DCKT		S	SC-70/EIAJSC88	5
74V1T08STR	ST Microelectronics (STM)		SN74AHCT1G08DBVR		S	SOT-23	5
74V1T125CTR	ST Microelectronics (STM)		SN74AHCT1G125DCKR		S	SC-70/EIAJSC88	5
74V1T125STR	ST Microelectronics (STM)		SN74AHCT1G125DBVR		S	SOT-23	5
74V1T126CTR	ST Microelectronics (STM)		SN74AHCT1G126DCKR		S	SC-70/EIAJSC88	5
74V1T126STR	ST Microelectronics (STM)		SN74AHCT1G126DBVR		S	SOT-23	5
74V1T14CTR	ST Microelectronics (STM)		SN74AHCT1G14DCKR		S	SC-70/EIAJSC88	5
74V1T14STR	ST Microelectronics (STM)		SN74AHCT1G14DBVR		S	SOT-23	5
74V1T14STR	ST Microelectronics (STM)		SN74AHCT1G14DBVT		S	SOT-23	5
74V1T32CTR	ST Microelectronics (STM)		SN74AHCT1G32DCKR		S	SC-70/EIAJSC88	5
74V1T32STR	ST Microelectronics (STM)		SN74AHCT1G32DBVR		S	SOT-23	5
74V1T86CTR	ST Microelectronics (STM)		SN74AHCT1G86DCKR		S	SC-70/EIAJSC88	5
74V1T86STR	ST Microelectronics (STM)		SN74AHCT1G86DBVR		S	SOT-23	5
74VCX00M	Fairchild Semiconductor		SN74ALVC00D		S	SOIC	14
74VCX00MTC	Fairchild Semiconductor		SN74ALVC00PWR		S	TSSOP	14
74VCX00MTCX	Fairchild Semiconductor		SN74ALVC00PWR		S	TSSOP	14
74VCX00MX	Fairchild Semiconductor		SN74ALVC00DR		S	SOIC	14
74VCX08M	Fairchild Semiconductor		SN74ALVC08D		S	SOIC	14
74VCX08MTC	Fairchild Semiconductor		SN74ALVC08PWR		S	TSSOP	14
74VCX08MTCX	Fairchild Semiconductor		SN74ALVC08PWR		S	TSSOP	14
74VCX08MX	Fairchild Semiconductor		SN74ALVC08DR		S	SOIC	14
74VCX162244DT	On Semiconductor	No bus-hold	SN74ALVCH162244GR	Bus-hold,	Q	TSSOP	48
74VCX162244DTG	On Semiconductor	No bus-hold, Pb-Free	SN74ALVCH162244GR	Bus-hold,	Q	TSSOP	48
74VCX162244DTR	On Semiconductor	No bus-hold	SN74ALVCH162244GR	Bus-hold	Q	TSSOP	48
74VCX162244DTRG	On Semiconductor	No bus-hold, Pb-Free	SN74ALVCH162244GR	Bus-hold	Q	TSSOP	48
74VCX162244MTD	Fairchild Semiconductor		SN74ALVCH162244GR	Bus-hold,	Q	TSSOP	48
74VCX162244MTDX	Fairchild Semiconductor	No bus-hold	SN74ALVCH162244GR	Bus-hold	Q	TSSOP	48
74VCX162244TTR	ST Microelectronics (STM)	No bus-hold	SN74ALVCH162244GR	Bus-hold	Q	TSSOP	48
74VCX162245MTD	Fairchild Semiconductor	No bus-hold, A-port series resistors	SN74ALVCHR16245GR	Bus-hold, A & B-port series resistors,	Q	TSSOP	48
74VCX162245MTDX	Fairchild Semiconductor	No bus-hold, A-port series resistors	SN74ALVCHR16245GR	Bus-hold, A & B-ports have series resistors, +/- 12 mA drive	Q	TSSOP	48
74VCX162245TTR	ST Microelectronics (STM)	No bus-hold, A-port series resistors	SN74ALVCHR16245GR	Bus-hold, A & B-port have series resistors	Q	TSSOP	48
74VCX162373DT	On Semiconductor	No bus-hold	SN74ALVCH162373GR	Bus-hold	Q	TSSOP	48
74VCX162373DTG	On Semiconductor	Pb-Free, no bus-hold	SN74ALVCH162373GR	Bus-hold	Q	TSSOP	48
74VCX162373DTR	On Semiconductor	No bus-hold	SN74ALVCH162373GR	Bus-hold	Q	TSSOP	48
74VCX162373DTRG	On Semiconductor	Pb-Free, no bus-hold	SN74ALVCH162373GR	Bus-hold	Q	TSSOP	48
74VCX162373MTD	Fairchild Semiconductor	No bus-hold	SN74ALVCH162373GR	Bus-hold	Q	TSSOP	48
74VCX162373MTD	Fairchild Semiconductor		SN74ALVCH16373DGGR		S	TSSOP	48
74VCX162373MTDX	Fairchild Semiconductor	No bus-hold	SN74ALVCH162373GR	Bus-hold	Q	TSSOP	48
74VCX162373MTDX	Fairchild Semiconductor		SN74ALVCH16373DGGR		S	TSSOP	48
74VCX162373TTR	ST Microelectronics (STM)	No bus-hold	SN74ALVCH162373GR	Bus-hold	Q	TSSOP	48
74VCX162374DT	On Semiconductor	No bus-hold	SN74ALVCH162374GR	Bus-hold,	Q	TSSOP	48
74VCX162374DTG	On Semiconductor	No bus-hold, Pb-Free	SN74ALVCH162374GR	Bus-hold,	Q	TSSOP	48
74VCX162374DTR	On Semiconductor	No bus-hold	SN74ALVCH162374GR	Bus-hold	Q	TSSOP	48
74VCX162374DTRG	On Semiconductor	No bus-hold, Pb-Free	SN74ALVCH162374GR	Bus-hold	Q	TSSOP	48
74VCX162374MTD	Fairchild Semiconductor	No bus-hold	SN74ALVCH162374GR	Bus-hold,	Q	TSSOP	48
74VCX162374MTDX	Fairchild Semiconductor	No bus-hold	SN74ALVCH162374GR	Bus-hold	Q	TSSOP	48
74VCX162374TTR	ST Microelectronics (STM)	No bus-hold	SN74ALVCH162374GR	Bus-hold	Q	TSSOP	48
74VCX16240DT	On Semiconductor	No bus-hold	SN74ALVCH16240DGGR	Bus-hold,	Q	TSSOP	48

74V1G32CTR — 74VCX16240DT

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74VCX16240DTG	On Semiconductor	No bus-hold, Pb-Free	SN74ALVCH16240DGGR	Bus-hold,	Q	TSSOP	48
74VCX16240DTR	On Semiconductor	No bus-hold	SN74ALVCH16240DGGR	Bus-hold	Q	TSSOP	48
74VCX16240DTRG	On Semiconductor	No bus-hold, Pb-Free	SN74ALVCH16240DGGR	Bus-hold	Q	TSSOP	48
74VCX16240MTD	Fairchild Semiconductor	No bus-hold	SN74ALVCH16240DGGR	Bus-hold,	Q	TSSOP	48
74VCX16240MTDX	Fairchild Semiconductor	No bus-hold	SN74ALVCH16240DGGR	Bus-hold	Q	TSSOP	48
74VCX16240TTR	ST Microelectronics (STM)	No bus-hold	SN74ALVCH16240DGGR	Bus-hold	Q	TSSOP	48
74VCX16244DT	On Semiconductor		SN74ALVC16244ADGGR		S	TSSOP	48
74VCX16244DTG	On Semiconductor	Pb-Free	SN74ALVC16244ADGGR		S	TSSOP	48
74VCX16244DTR	On Semiconductor		SN74ALVC16244ADGGR		S	TSSOP	48
74VCX16244DTRG	On Semiconductor	Pb-Free	SN74ALVC16244ADGGR		S	TSSOP	48
74VCX16244G	Fairchild Semiconductor	I/O tolerance, tpd differ	SN74ALVC16244AGRDR		S	FBGA	54
74VCX16244GX	Fairchild Semiconductor		SN74ALVC16244AGRDR		S	BGA	54
74VCX16244MTD	Fairchild Semiconductor		SN74ALVC16244ADGGR		S	TSSOP	48
74VCX16244MTDX	Fairchild Semiconductor		SN74ALVC16244ADGGR		S	TSSOP	48
74VCX16244MTDX_NL	Fairchild Semiconductor	Pb-Free	SN74ALVC16244ADGGR		S	TSSOP	48
74VCX16244TTR	ST Microelectronics (STM)		SN74ALVC16244ADGGR		S	TSSOP	48
74VCX16245DT	On Semiconductor	IP tolerance, tpd differ	SN74ALVCH16245DGGR		S	TSSOP	48
74VCX16245DTG	On Semiconductor	No bus-hold, Pb-Free	SN74ALVCH16245DGGR	Bus-hold,	Q	TSSOP	48
74VCX16245DTR	On Semiconductor	No bus-hold	SN74ALVCH16245DGGR	Bus-hold	Q	TSSOP	48
74VCX16245DTRG	On Semiconductor	No bus-hold, Pb-Free	SN74ALVCH16245DGGR	Bus-hold	Q	TSSOP	48
74VCX16245G	Fairchild Semiconductor	No bus hold, tray	74ALVCH16245GRDR	Bus-hold, Not available tubed/trays, use reeled	Q	BGA	54
74VCX16245GX	Fairchild Semiconductor	IP tolerance, tpd differ	74ALVCH16245ZRDR		S	FBGA	54
74VCX16245MTD	Fairchild Semiconductor	No bus hold	SN74ALVCH16245DGGR	Bus-hold	Q	TSSOP	48
74VCX16245MTDX	Fairchild Semiconductor	No bus hold	SN74ALVCH16245DGGR	Bus-hold	Q	TSSOP	48
74VCX16245MTDX_NL	Fairchild Semiconductor	No bus hold, Pb-Free	SN74ALVCH16245DGGR	Bus-hold	Q	TSSOP	48
74VCX16245TTR	ST Microelectronics (STM)	No bus-hold	SN74ALVCH16245DGGR	Bus-hold	Q	TSSOP	48
74VCX162601MTD	Fairchild Semiconductor	No bus-hold	SN74ALVCHR16601GR	Bus-hold	Q	TSSOP	56
74VCX162601MTDX	Fairchild Semiconductor	No bus-hold	SN74ALVCHR16601GR	Bus-hold	Q	TSSOP	56
74VCX162827MTD	Fairchild Semiconductor	No bus-hold	SN74ALVCH162827GR	Bus-hold,	Q	TSSOP	56
74VCX162827MTDX	Fairchild Semiconductor	No bus-hold	SN74ALVCH162827GR	Bus-hold	Q	TSSOP	56
74VCX162835MTD	Fairchild Semiconductor		SN74ALVC162835DGGR		S	TSSOP	56
74VCX162835MTDX	Fairchild Semiconductor		SN74ALVC162835DGGR		S	TSSOP	56
74VCX1632245LBR	ST Microelectronics (STM)	Series damping resistor	74AVCB164245GRDR	No series damping resistor, Not required due to DOC circuitry	S	BGA	54
74VCX1632245TTR	ST Microelectronics (STM)	Series damping resistor	SN74AVCB164245GR	No series damping resistor, Not required due to DOC circuitry	S	TSSOP	48
74VCX163245G	Fairchild Semiconductor	Tray	74AVCB164245GRDR	Not available in trays, use reeled	S	BGA	54
74VCX163245GX	Fairchild Semiconductor	tpd, Vs differ	74AVCB164245ZRDR		S	FBGA	54
74VCX163245GX	Fairchild Semiconductor	tpd, Vs differ	74AVCB164245GRDR		S	BGA	54
74VCX163245GX	Fairchild Semiconductor	tpd, Vs differ	74AVCB164245ZRDR		S	FBGA	54
74VCX163245MTD	Fairchild Semiconductor	tpd, Vs differ	SN74AVCB164245GR		S	TSSOP	48
74VCX163245MTDX	Fairchild Semiconductor		SN74AVCB164245GR		S	TSSOP	48
74VCX16373DT	On Semiconductor	No bus-hold	SN74ALVCH16373DGGR	Bus-hold,	Q	TSSOP	48
74VCX16373DTG	On Semiconductor	No bus-hold, Pb-Free	SN74ALVCH16373DGGR	Bus-hold,	Q	TSSOP	48
74VCX16373DTR	On Semiconductor	No bus-hold	SN74ALVCH16373DGGR	Bus-hold	Q	TSSOP	48
74VCX16373DTRG	On Semiconductor	No bus-hold, Pb-Free	SN74ALVCH16373DGGR	Bus-hold	Q	TSSOP	48
74VCX16373GX	Fairchild Semiconductor	No Bus-hold	74ALVCH16373ZRDR	Bus-hold	Q	FBGA	54
74VCX16373MTD	Fairchild Semiconductor	No Bus-hold	SN74ALVCH16373DGGR	Bus-hold	Q	TSSOP	48
74VCX16373MTDX	Fairchild Semiconductor	No bus hold	SN74ALVCH16373DGGR	Bus-hold	Q	TSSOP	48
74VCX16373T	ST Microelectronics (STM)	No Bus-hold	SN74ALVCH16373DGGR	Bus-hold	Q	TSSOP	48
74VCX16373TTR	ST Microelectronics (STM)	No bus-hold	SN74ALVCH16373DGGR	Bus-hold	Q	TSSOP	48
74VCX16374DT	On Semiconductor	No bus-hold	SN74ALVCH16374DGGR	Bus-hold,	Q	TSSOP	48
74VCX16374DTG	On Semiconductor	No bus-hold, Pb-Free	SN74ALVCH16374DGGR	Bus-hold,	Q	TSSOP	48
74VCX16374DTR	On Semiconductor	No bus-hold	SN74ALVCH16374DGGR	Bus-hold	Q	TSSOP	48
74VCX16374DTRG	On Semiconductor	No bus-hold, Pb-Free	SN74ALVCH16374DGGR	Bus-hold	Q	TSSOP	48
74VCX16374GX	Fairchild Semiconductor	No bus-hold	74ALVCH16374GRDR	Bus-hold	Q	BGA	54
74VCX16374MTD	Fairchild Semiconductor	No bus-hold	SN74ALVCH16374DGGR	Bus-hold,	Q	TSSOP	48
74VCX16374MTDX	Fairchild Semiconductor	No bus-hold	SN74ALVCH16374DGGR	Bus-hold	Q	TSSOP	48
74VCX16374TTR	ST Microelectronics (STM)	No bus-hold	SN74ALVCH16374DGGR	Bus-hold	Q	TSSOP	48
74VCX164245G	Fairchild Semiconductor	tpd, Vs differ	74ALVC164245GRDR		S	FBGA	54
74VCX164245GX	Fairchild Semiconductor		74ALVC164245GRDR		S	BGA	54
74VCX164245GX	Fairchild Semiconductor	tpd, Vs differ	74ALVC164245ZRDR		S	FBGA	54
74VCX164245MTD	Fairchild Semiconductor	tpd, Vs differ	SN74ALVC164245DGGR		S	TSSOP	48

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74VXC164245MTDX	Fairchild Semiconductor		SN74ALVC164245DGGR		S	TSSOP	48
74VXC16500MTD	Fairchild Semiconductor	No bus-hold	SN74ALVCH16500DGGR	Bus-hold,	Q	TSSOP	56
74VXC16500MTDX	Fairchild Semiconductor	No bus-hold	SN74ALVCH16500DGGR	Bus-hold	Q	TSSOP	56
74VXC16501MTD	Fairchild Semiconductor	No bus-hold	SN74ALVCH16501DGGR	Bus-hold,	Q	TSSOP	56
74VXC16501MTDX	Fairchild Semiconductor	No bus-hold	SN74ALVCH16501DGGR	Bus-hold	Q	TSSOP	56
74VXC16601MTD	Fairchild Semiconductor	No bus-hold	SN74ALVCH16601DGGR	Bus-hold	Q	TSSOP	56
74VXC16601MTDX	Fairchild Semiconductor	No bus-hold	SN74ALVCH16601DGGR	Bus-hold	Q	TSSOP	56
74VXC16721MTD	Fairchild Semiconductor	No bus-hold	SN74ALVCH16721DGGR	Bus-hold	Q	TSSOP	56
74VXC16721MTDX	Fairchild Semiconductor	No bus-hold	SN74ALVCH16721DGGR	Bus-hold	Q	TSSOP	56
74VXC16821MTD	Fairchild Semiconductor	No bus-hold	SN74ALVCH16821DGGR	Bus-hold	Q	TSSOP	56
74VXC16821MTDX	Fairchild Semiconductor	No bus-hold	SN74ALVCH16821DGGR	Bus-hold	Q	TSSOP	56
74VXC16827MTD	Fairchild Semiconductor	No bus-hold	SN74ALVCH16827DGGR	Bus-hold	Q	TSSOP	56
74VXC16827MTDX	Fairchild Semiconductor	No bus-hold	SN74ALVCH16827DGGR	Bus-hold	Q	TSSOP	56
74VXC16835MTD	Fairchild Semiconductor		SN74ALVC16835DGGR		S	TSSOP	56
74VXC16835MTDX	Fairchild Semiconductor		SN74ALVC16835DGGR		S	TSSOP	56
74VXC16841MTD	Fairchild Semiconductor	No bus-hold	SN74ALVCH16841DGGR	Bus-hold,	Q	TSSOP	56
74VXC16841MTDX	Fairchild Semiconductor	No bus-hold	SN74ALVCH16841DGGR	Bus-hold	Q	TSSOP	56
74VXC245MTC	Fairchild Semiconductor		SN74ALVC245PW		S	TSSOP	20
74VXC245MTCX	Fairchild Semiconductor		SN74ALVC245PWR		S	TSSOP	20
74VXC245WM	Fairchild Semiconductor		SN74ALVC245DW		S	SOIC	20
74VXC245WMX	Fairchild Semiconductor		SN74ALVC245DWR		S	SOIC	20
74VXC32244GX	Fairchild Semiconductor	No bus-hold	SN74ALVCH32244KR	Bus-hold	Q	LFBGA	96
74VXC32245GX	Fairchild Semiconductor	Preliminary, no bus-hold	SN74ALVCH32245KR	Bus-hold	Q	LFBGA	96
74VXC32374GX	Fairchild Semiconductor	No bus-hold	SN74ALVCH32374KR	Bus-hold	Q	LFBGA	96
74VXC32M	Fairchild Semiconductor		SN74ALVC32D		S	SOIC	14
74VXC32MTC	Fairchild Semiconductor		SN74ALVC32PW		S	TSSOP	14
74VXC32MTCX	Fairchild Semiconductor		SN74ALVC32PWR		S	TSSOP	14
74VXC32MX	Fairchild Semiconductor		SN74ALVC32DR		S	SOIC	14
74VXC162835MTD	Fairchild Semiconductor		SN74ALVCF162835GR		S	TSSOP	56
74VXC162835MTX	Fairchild Semiconductor		SN74ALVCF162835GR		S	TSSOP	56
74VXC162244MTD	Fairchild Semiconductor	Vs differs	SN74ALVCH162244GR		S	TSSOP	48
74VXC162244MTX	Fairchild Semiconductor		SN74ALVCH162244GR		S	TSSOP	48
74VXC162244TTR	ST Microelectronics (STM)		SN74ALVCH162244GR		S	TSSOP	48
74VXC162245TTR	ST Microelectronics (STM)		SN74ALVCHR16245GR		S	TSSOP	48
74VXC162373MTD	Fairchild Semiconductor		SN74ALVCH162373GR		S	TSSOP	48
74VXC162373MTD	Fairchild Semiconductor		SN74ALVCH16373DGGR		S	TSSOP	48
74VXC162373MTDX	Fairchild Semiconductor		SN74ALVCH162373GR		S	TSSOP	48
74VXC162373MTX	Fairchild Semiconductor		SN74ALVCH162373GR		S	TSSOP	48
74VXC162373TTR	ST Microelectronics (STM)		SN74ALVCH162373GR		S	TSSOP	48
74VXC162373TTR	ST Microelectronics (STM)	tpd, Vs differ	SN74ALVCH16373DGGR		S	TSSOP	48
74VXC162374MTD	Fairchild Semiconductor		SN74ALVCH162374GR		S	TSSOP	48
74VXC162374MTX	Fairchild Semiconductor		SN74ALVCH162374GR		S	TSSOP	48
74VXC162374TTR	ST Microelectronics (STM)		SN74ALVCH162374GR		S	TSSOP	48
74VXC16240DT	On Semiconductor		SN74ALVCH16240DGGR		S	TSSOP	48
74VXC16240DTG	On Semiconductor	Pb-Free	SN74ALVCH16240DGGR		S	TSSOP	48
74VXC16240DTR	On Semiconductor		SN74ALVCH16240DGGR		S	TSSOP	48
74VXC16240DTRG	On Semiconductor	Pb-Free	SN74ALVCH16240DGGR		S	TSSOP	48
74VXC16240MTD	Fairchild Semiconductor		SN74ALVCH16240DGGR		S	TSSOP	48
74VXC16240MTDX	Fairchild Semiconductor		SN74ALVCH16240DGGR		S	TSSOP	48
74VXC16240TTR	ST Microelectronics (STM)		SN74ALVCH16240DGGR		S	TSSOP	48
74VXC16244DT	On Semiconductor		SN74ALVCH16244DGGR		S	TSSOP	48
74VXC16244DTG	On Semiconductor	Pb-Free	SN74ALVCH16244DGGR		S	TSSOP	48
74VXC16244DTR	On Semiconductor		SN74ALVCH16244DGGR		S	TSSOP	48
74VXC16244DTRG	On Semiconductor	Pb-Free	SN74ALVCH16244DGGR		S	TSSOP	48
74VXC16244GX	Fairchild Semiconductor	Preliminary	74ALVCH16244GRDR		S	BGA	54
74VXC16244MTD	Fairchild Semiconductor		SN74ALVCH16244DGGR		S	TSSOP	48
74VXC16244MTDX	Fairchild Semiconductor		SN74ALVCH16244DGGR		S	TSSOP	48
74VXC16244TTR	ST Microelectronics (STM)		SN74ALVCH16244DGGR		S	TSSOP	48
74VXC16245DT	On Semiconductor	IP tolerance, tpd differ	SN74ALVCH16245DGGR		S	TSSOP	48
74VXC16245DTG	On Semiconductor	IP tolerance, tpd differ	SN74ALVCH16245DGGR		S	TSSOP	48
74VXC16245DTR	On Semiconductor		SN74ALVCH16245DGGR		S	TSSOP	48
74VXC16245DTRG	On Semiconductor	Pb-Free	SN74ALVCH16245DGGR		S	TSSOP	48
74VXC16245TTR	ST Microelectronics (STM)		SN74ALVCH16245DGGR		S	TSSOP	48
74VXC1632245TTR	ST Microelectronics (STM)		SN74AVCBH164245GR		S	TSSOP	48

74VXC164245MTDX — 74VXC1632245TTR

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74VXCX16373DT	On Semiconductor		SN74ALVCH16373DGGR		S	TSSOP	48
74VXCX16373DTG	On Semiconductor		SN74ALVCH16373DGGR		S	TSSOP	48
74VXCX16373DTR	On Semiconductor		SN74ALVCH16373DGGR		S	TSSOP	48
74VXCX16373DTRG	On Semiconductor	Pb-Free	SN74ALVCH16373DGGR		S	TSSOP	48
74VXCX16373GX	Fairchild Semiconductor		74ALVCH16373ZRDR		S	FBGA	54
74VXCX16373MTD	Fairchild Semiconductor		SN74ALVCH16373DGGR		S	TSSOP	48
74VXCX16373MTDX	Fairchild Semiconductor		SN74ALVCH16373DGGR		S	TSSOP	48
74VXCX16373TTR	ST Microelectronics (STM)		SN74ALVCH16373DGGR		S	TSSOP	48
74VXCX16374DT	On Semiconductor		SN74ALVCH16374DGGR		S	TSSOP	48
74VXCX16374DTG	On Semiconductor	Pb-Free	SN74ALVCH16374DGGR		S	TSSOP	48
74VXCX16374DTR	On Semiconductor		SN74ALVCH16374DGGR		S	TSSOP	48
74VXCX16374DTRG	On Semiconductor	Pb-Free	SN74ALVCH16374DGGR		S	TSSOP	48
74VXCX16374GX	Fairchild Semiconductor		74ALVCH16374GRDR		S	BGA	54
74VXCX16374MTD	Fairchild Semiconductor		SN74ALVCH16374DGGR		S	TSSOP	48
74VXCX16374MTDX	Fairchild Semiconductor		SN74ALVCH16374DGGR		S	TSSOP	48
74VXCX16374TTR	ST Microelectronics (STM)		SN74ALVCH16374DGGR		S	TSSOP	48
74VXCX245MTC	Fairchild Semiconductor		SN74ALVCH245PW		S	TSSOP	20
74VXCX245MTCX	Fairchild Semiconductor		SN74ALVCH245PWR		S	TSSOP	20
74VXCX245WM	Fairchild Semiconductor		SN74ALVCH245DW		S	SOIC	20
74VXCX245WMX	Fairchild Semiconductor		SN74ALVCH245DWR		S	SOIC	20
74VXCX32245LB	ST Microelectronics (STM)	tpd differs	SN74ALVCH32245KR		S	LFBGA	96
74VXCX32245LBR	ST Microelectronics (STM)		SN74ALVCH32245KR		S	LFBGA	96
74VXCXR162245TTR	ST Microelectronics (STM)		SN74ALVCHR16245GR		S	TSSOP	48
74VXCXR162245DT	On Semiconductor	tpd differs	SN74ALVCHR16245GR		S	TSSOP	48
74VXCXR162245DTG	On Semiconductor	No bus-hold, Pb-Free	SN74ALVCHR16245GR	Bus-hold,	Q	TSSOP	48
74VXCXR162245DTR	On Semiconductor	No bus-hold	SN74ALVCHR16245GR	Bus-hold	Q	TSSOP	48
74VXCXR162245DTRG	On Semiconductor	No bus-hold, Pb-Free	SN74ALVCHR16245GR	Bus-hold	Q	TSSOP	48
74VXCXR162245TTR	ST Microelectronics (STM)		SN74ALVCHR16245GR		S	TSSOP	48
74VXCXR162601MTD	Fairchild Semiconductor	No Bus-hold	SN74ALVCHR16601GR	Bus-Hold	Q	TSSOP	56
74VXCXR162601MTX	Fairchild Semiconductor	No bus-hold	SN74ALVCHR16601GR	Bus-hold, slightly slower	Q	TSSOP	56
74VHC00M	Fairchild Semiconductor		SN74AHC00D		S	SOIC	14
74VHC00M	ST Microelectronics (STM)		SN74AHC00D		S	SOIC	14
74VHC00MTC	Fairchild Semiconductor		SN74AHC00PW		S	TSSOP	14
74VHC00MTCX	Fairchild Semiconductor		SN74AHC00PWR		S	TSSOP	14
74VHC00MTR	ST Microelectronics (STM)		SN74AHC00DR		S	SOIC	14
74VHC00MX	Fairchild Semiconductor		SN74AHC00DR		S	SOIC	14
74VHC00N	Fairchild Semiconductor		SN74AHC00N		S	PDIP	14
74VHC00SJ	Fairchild Semiconductor		SN74AHC00NSR		S	SOP-EIAJ-II	14
74VHC00SJX	Fairchild Semiconductor		SN74AHC00NSR		S	SOP-EIAJ-II	14
74VHC00TTR	ST Microelectronics (STM)		SN74AHC00PWR		S	TSSOP	14
74VHC02M	Fairchild Semiconductor		SN74AHC02D		S	SOIC	14
74VHC02M	ST Microelectronics (STM)		SN74AHC02D		S	SOIC	14
74VHC02MTC	Fairchild Semiconductor		SN74AHC02PW		S	TSSOP	14
74VHC02MTCX	Fairchild Semiconductor		SN74LV02APWR		S	TSSOP	14
74VHC02MTR	ST Microelectronics (STM)		SN74AHC02DR		S	SOIC	14
74VHC02MX	Fairchild Semiconductor		SN74AHC02DR		S	SOIC	14
74VHC02MX	Fairchild Semiconductor		SN74LV02ADR		S	SOIC	14
74VHC02N	Fairchild Semiconductor		SN74AHC02N		S	PDIP	14
74VHC02SJ	Fairchild Semiconductor		SN74AHC02NSR		S	SOP-EIAJ-II	14
74VHC02SJX	Fairchild Semiconductor		SN74AHC02NSR		S	SOP-EIAJ-II	14
74VHC02TTR	ST Microelectronics (STM)		SN74AHC02PWR		S	TSSOP	14
74VHC04M	Fairchild Semiconductor		SN74AHC04D		S	SOIC	14
74VHC04M	ST Microelectronics (STM)		SN74AHC04D		S	SOIC	14
74VHC04MTC	Fairchild Semiconductor		SN74AHC04PW		S	TSSOP	14
74VHC04MTCX	Fairchild Semiconductor		SN74AHC04PWR		S	TSSOP	14
74VHC04MTR	ST Microelectronics (STM)		SN74AHC04DR		S	SOIC	14
74VHC04MX	Fairchild Semiconductor		SN74AHC04DR		S	SOIC	14
74VHC04N	Fairchild Semiconductor		SN74AHC04N		S	PDIP	14
74VHC04SJ	Fairchild Semiconductor		SN74AHC04NSR		S	SOP	14
74VHC04SJX	Fairchild Semiconductor		SN74AHC04NSR		S	SOP-EIAJ-II	14
74VHC04T	ST Microelectronics (STM)		SN74AHC04PWR		S	TSSOP	14
74VHC04TTR	ST Microelectronics (STM)		SN74AHC04PWR		S	TSSOP	14
74VHC05M	ST Microelectronics (STM)		SN74AHC05D		S	SOIC	14
74VHC05MTR	ST Microelectronics (STM)		SN74AHC05DR		S	SOIC	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74VHC05T	ST Microelectronics (STM)		SN74AHC05PWR		S	TSSOP	14
74VHC05TTR	ST Microelectronics (STM)		SN74AHC05PWR		S	TSSOP	14
74VHC08M	Fairchild Semiconductor		SN74AHC08D		S	SOIC	14
74VHC08M	ST Microelectronics (STM)		SN74AHC08D		S	SOIC	14
74VHC08MTC	Fairchild Semiconductor		SN74AHC08PW		S	TSSOP	14
74VHC08MTCX	Fairchild Semiconductor		SN74AHC08PWR		S	TSSOP	14
74VHC08MTR	ST Microelectronics (STM)		SN74AHC08DR		S	SOIC	14
74VHC08MX	Fairchild Semiconductor		SN74AHC08DR		S	SOIC	14
74VHC08N	Fairchild Semiconductor		SN74AHC08N		S	PDIP	14
74VHC08SJ	Fairchild Semiconductor		SN74AHC08NSR		S	SOP-EIAJ-II	14
74VHC08SJX	Fairchild Semiconductor		SN74AHC08NSR		S	SOP-EIAJ-II	14
74VHC08TTR	ST Microelectronics (STM)		SN74AHC08PWR		S	TSSOP	14
74VHC123AM	Fairchild Semiconductor		SN74AHC123AD		S	SOIC	16
74VHC123AMTC	Fairchild Semiconductor	tpd differs	SN74AHC123APWR		S	TSSOP	16
74VHC123AMTCX	Fairchild Semiconductor		SN74AHC123APWR		S	TSSOP	16
74VHC123AMX	Fairchild Semiconductor		SN74AHC123ADR		S	SOIC	16
74VHC123AN	Fairchild Semiconductor		SN74AHC123AN		S	PDIP	16
74VHC123ASJ	Fairchild Semiconductor		SN74LV123ANSR		S	SOP	16
74VHC123ASJX	Fairchild Semiconductor		SN74LV123ANSR		S	SOP	16
74VHC125M	Fairchild Semiconductor		SN74AHC125D		S	SOIC	14
74VHC125M	ST Microelectronics (STM)		SN74AHC125D		S	SOIC	14
74VHC125MTC	Fairchild Semiconductor		SN74AHC125PW		S	TSSOP	14
74VHC125MTCX	Fairchild Semiconductor		SN74AHC125PWR		S	TSSOP	14
74VHC125MTR	ST Microelectronics (STM)		SN74AHC125DR		S	SOIC	14
74VHC125MX	Fairchild Semiconductor		SN74AHC125DR		S	SOIC	14
74VHC125N	Fairchild Semiconductor		SN74AHC125N		S	PDIP	14
74VHC125SJ	Fairchild Semiconductor		SN74AHC125NSR		S	SOP-EIAJ-II	14
74VHC125SJX	Fairchild Semiconductor		SN74AHC125NSR		S	SOP-EIAJ-II	14
74VHC125TTR	ST Microelectronics (STM)		SN74AHC125PWR		S	TSSOP	14
74VHC126M	ST Microelectronics (STM)		SN74AHC126D		S	SOIC	14
74VHC126MTR	ST Microelectronics (STM)		SN74AHC126DR		S	SOIC	14
74VHC126TTR	ST Microelectronics (STM)		SN74AHC126PWR		S	TSSOP	14
74VHC132M	Fairchild Semiconductor		SN74AHC132D		S	SOIC	14
74VHC132M	ST Microelectronics (STM)		SN74AHC132D		S	SOIC	14
74VHC132MTC	Fairchild Semiconductor		SN74AHC132PW		S	TSSOP	14
74VHC132MTCX	Fairchild Semiconductor		SN74AHC132PWR		S	TSSOP	14
74VHC132MTR	ST Microelectronics (STM)		SN74AHC132DR		S	SOIC	14
74VHC132MX	Fairchild Semiconductor		SN74AHC132DR		S	SOIC	14
74VHC132N	Fairchild Semiconductor		SN74AHC132N		S	PDIP	14
74VHC132SJ	Fairchild Semiconductor		SN74AHC132NSR		S	SOP-EIAJ-II	14
74VHC132SJX	Fairchild Semiconductor		SN74AHC132NSR		S	SOP-EIAJ-II	14
74VHC132TTR	ST Microelectronics (STM)		SN74AHC132PWR		S	TSSOP	14
74VHC138M	Fairchild Semiconductor		SN74AHC138D		S	SOIC	16
74VHC138M	ST Microelectronics (STM)		SN74AHC138D		S	SOIC	16
74VHC138MTC	Fairchild Semiconductor		SN74AHC138PW		S	TSSOP	16
74VHC138MTCX	Fairchild Semiconductor		SN74AHC138PWR		S	TSSOP	16
74VHC138MTR	ST Microelectronics (STM)		SN74AHC138DR		S	SOIC	16
74VHC138MX	Fairchild Semiconductor		SN74AHC138DR		S	SOIC	16
74VHC138N	Fairchild Semiconductor		SN74AHC138N		S	PDIP	16
74VHC138SJ	Fairchild Semiconductor		SN74AHC138NSR		S	SOP	16
74VHC138SJX	Fairchild Semiconductor		SN74AHC138NSR		S	SOP-EIAJ-II	16
74VHC138TTR	ST Microelectronics (STM)		SN74AHC138PWR		S	TSSOP	16
74VHC139M	Fairchild Semiconductor		SN74AHC139D		S	SOIC	16
74VHC139M	ST Microelectronics (STM)		SN74AHC139D		S	SOIC	16
74VHC139MTC	Fairchild Semiconductor		SN74AHC139PW		S	TSSOP	16
74VHC139MTCX	Fairchild Semiconductor		SN74AHC139PWR		S	TSSOP	16
74VHC139MTR	ST Microelectronics (STM)		SN74AHC139DR		S	SOIC	16
74VHC139MX	Fairchild Semiconductor		SN74AHC139DR		S	SOIC	16
74VHC139N	Fairchild Semiconductor		SN74AHC139N		S	PDIP	16
74VHC139SJ	Fairchild Semiconductor		SN74AHC139NSR		S	SOP	16
74VHC139SJX	Fairchild Semiconductor		SN74AHC139NSR		S	SOP-EIAJ-II	16
74VHC139TTR	ST Microelectronics (STM)		SN74AHC139PWR		S	TSSOP	16
74VHC14M	Fairchild Semiconductor		SN74AHC14D		S	SOIC	14
74VHC14M	ST Microelectronics (STM)		SN74AHC14D		S	SOIC	14

74VHC05T — 74VHC14M

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74VHC14MTC	Fairchild Semiconductor		SN74AHC14PW		S	TSSOP	14
74VHC14MTCX	Fairchild Semiconductor		SN74AHC14PWR		S	TSSOP	14
74VHC14MTR	ST Microelectronics (STM)		SN74AHC14DR		S	SOIC	14
74VHC14MX	Fairchild Semiconductor		SN74AHC14DR		S	SOIC	14
74VHC14N	Fairchild Semiconductor		SN74AHC14N		S	PDIP	14
74VHC14SJ	Fairchild Semiconductor		SN74AHC14NSR		S	SOP	14
74VHC14SJX	Fairchild Semiconductor		SN74AHC14NSR		S	SOP-EIAJ-II	14
74VHC14T	ST Microelectronics (STM)		SN74AHC14PWR		S	TSSOP	14
74VHC14TTR	ST Microelectronics (STM)		SN74AHC14PWR		S	TSSOP	14
74VHC157M	Fairchild Semiconductor		SN74AHC157D		S	SOIC	16
74VHC157M	ST Microelectronics (STM)		SN74AHC157D		S	SOIC	16
74VHC157MTC	Fairchild Semiconductor		SN74AHC157PW		S	TSSOP	16
74VHC157MTCX	Fairchild Semiconductor		SN74AHC157PWR		S	TSSOP	16
74VHC157MTR	ST Microelectronics (STM)		SN74AHC157DR		S	SOIC	16
74VHC157MX	Fairchild Semiconductor		SN74AHC157DR		S	SOIC	16
74VHC157N	Fairchild Semiconductor		SN74AHC157N		S	PDIP	16
74VHC157SJ	Fairchild Semiconductor		SN74AHC157NSR		S	SOP	16
74VHC157SJX	Fairchild Semiconductor		SN74AHC157NSR		S	SOP-EIAJ-II	16
74VHC157TTR	ST Microelectronics (STM)		SN74AHC157PWR		S	TSSOP	16
74VHC161284MEA	Fairchild Semiconductor		SN74LV161284DL		S	SSOP	48
74VHC161284MEAX	Fairchild Semiconductor		SN74LV161284DLR		S	SSOP	48
74VHC161284MTD	Fairchild Semiconductor		SN74LV161284DGGR		S	TSSOP	48
74VHC161284MTDX	Fairchild Semiconductor		SN74LV161284DGGR		S	TSSOP	48
74VHC161M	Fairchild Semiconductor	tpd differs	SN74LV161AD		S	SOIC	16
74VHC161MTC	Fairchild Semiconductor		SN74LV161APW		S	TSSOP	16
74VHC161MTCX	Fairchild Semiconductor	tpd differs	SN74LV161APWR		S	TSSOP	16
74VHC161MX	Fairchild Semiconductor	tpd differs	SN74LV161ADR		S	SOIC	16
74VHC161N	Fairchild Semiconductor		CD74HC161E		Q	PDIP	16
74VHC161N	Fairchild Semiconductor		SN74HC161N		Q	PDIP	16
74VHC161SJ	Fairchild Semiconductor	tpd differs	SN74LV161ANSR		S	SOP-EIAJ-II	16
74VHC161SJX	Fairchild Semiconductor	tpd differs	SN74LV161ANSR		S	SOP-EIAJ-II	16
74VHC16240TTR	ST Microelectronics (STM)		SN74AHC16240DGGR		S	TSSOP	48
74VHC16244TTR	ST Microelectronics (STM)		SN74AHC16244DGGR		S	TSSOP	48
74VHC16373TTR	ST Microelectronics (STM)		SN74AHC16373DGGR		S	TSSOP	48
74VHC16374TTR	ST Microelectronics (STM)		SN74AHC16374DGGR		S	TSSOP	48
74VHC163M	Fairchild Semiconductor	tpd differs	SN74LV163AD		S	SOIC	16
74VHC163MTC	Fairchild Semiconductor		SN74LV163APW		S	TSSOP	16
74VHC163MTCX	Fairchild Semiconductor		SN74LV163APWR		S	TSSOP	16
74VHC163MX	Fairchild Semiconductor	tpd differs	SN74LV163ADR		S	SOIC	16
74VHC163N	Fairchild Semiconductor		CD74HC163E		Q	PDIP	16
74VHC163N	Fairchild Semiconductor		SN74HC163N		Q	PDIP	16
74VHC163SJ	Fairchild Semiconductor		SN74LV163ANSR		S	SOP-EIAJ-II	16
74VHC163SJX	Fairchild Semiconductor		SN74LV163ANSR		S	SOP-EIAJ-II	16
74VHC164M	Fairchild Semiconductor		SN74LV164AD		S	SOIC	14
74VHC164MTC	Fairchild Semiconductor		SN74LV164APW		S	TSSOP	14
74VHC164MTCX	Fairchild Semiconductor		SN74LV164APWR		S	TSSOP	14
74VHC164MX	Fairchild Semiconductor		SN74LV164ADR		S	SOIC	14
74VHC164SJ	Fairchild Semiconductor		SN74LV164ANSR		S	SOP-EIAJ-II	14
74VHC164SJX	Fairchild Semiconductor		SN74LV164ANSR		S	SOP-EIAJ-II	14
74VHC174M	ST Microelectronics (STM)		SN74AHC174D		S	SOIC	16
74VHC174MTR	ST Microelectronics (STM)		SN74AHC174DR		S	SOIC	16
74VHC174TTR	ST Microelectronics (STM)		SN74AHC174PWR		S	TSSOP	16
74VHC175M	Fairchild Semiconductor		SN74LV175AD		S	SOIC	16
74VHC175MTC	Fairchild Semiconductor		SN74LV175APW		S	TSSOP	16
74VHC175MTCX	Fairchild Semiconductor		SN74LV175APWR		S	TSSOP	16
74VHC175MX	Fairchild Semiconductor		SN74LV175ADR		S	SOIC	16
74VHC175SJ	Fairchild Semiconductor		SN74LV175ANSR		S	SOP-EIAJ-II	16
74VHC175SJX	Fairchild Semiconductor		SN74LV175ANSR		S	SOP-EIAJ-II	16
74VHC20M	ST Microelectronics (STM)		SN74LV20AD		S	SOIC	14
74VHC20MTR	ST Microelectronics (STM)		SN74LV20ADR		S	SOIC	14
74VHC20TTR	ST Microelectronics (STM)		SN74LV20APWR		S	TSSOP	14
74VHC221AM	Fairchild Semiconductor		SN74LV221AD		S	SOIC	16
74VHC221AMTC	Fairchild Semiconductor		SN74LV221APW		S	TSSOP	16
74VHC221AMTCX	Fairchild Semiconductor		SN74LV221APWR		S	TSSOP	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74VHC221AMX	Fairchild Semiconductor		SN74LV221ADR		S	SOIC	16
74VHC221ASJ	Fairchild Semiconductor	tpd differs	SN74LV221ANSR		S	SOP	16
74VHC221ASJX	Fairchild Semiconductor		SN74LV221ANSR		S	SOP-EIAJ-II	16
74VHC240M	Fairchild Semiconductor		SN74AHC240DW		S	SOIC	20
74VHC240M	ST Microelectronics (STM)		SN74AHC240DW		S	SOIC	20
74VHC240MTC	Fairchild Semiconductor		SN74AHC240PW		S	TSSOP	20
74VHC240MTCX	Fairchild Semiconductor		SN74AHC240PWR		S	TSSOP	20
74VHC240MTR	ST Microelectronics (STM)		SN74AHC240DWR		S	SOIC	20
74VHC240MX	Fairchild Semiconductor		SN74AHC240DWR		S	SOIC	20
74VHC240N	Fairchild Semiconductor		SN74AHC240N		S	PDIP	20
74VHC240SJ	Fairchild Semiconductor		SN74AHC240NSR		S	SOP-EIAJ-II	20
74VHC240SJX	Fairchild Semiconductor		SN74AHC240NSR		S	SOP-EIAJ-II	20
74VHC240TTR	ST Microelectronics (STM)		SN74AHC240PWR		S	TSSOP	20
74VHC244M	Fairchild Semiconductor		SN74AHC244DW		S	SOIC	20
74VHC244M	ST Microelectronics (STM)		SN74AHC244DW		S	SOIC	20
74VHC244MTC	Fairchild Semiconductor		SN74AHC244PW		S	TSSOP	20
74VHC244MTCX	Fairchild Semiconductor		SN74AHC244PWR		S	TSSOP	20
74VHC244MTR	ST Microelectronics (STM)		SN74AHC244DWR		S	SOIC	20
74VHC244MX	Fairchild Semiconductor		SN74AHC244DWR		S	SOIC	20
74VHC244N	Fairchild Semiconductor		SN74AHC244N		S	PDIP	20
74VHC244SJ	Fairchild Semiconductor		SN74AHC244NSR		S	SOP-EIAJ-II	20
74VHC244SJX	Fairchild Semiconductor		SN74AHC244NSR		S	SOP-EIAJ-II	20
74VHC244TTR	ST Microelectronics (STM)		SN74AHC244PWR		S	TSSOP	20
74VHC245M	Fairchild Semiconductor		SN74AHC245DW		S	SOIC	20
74VHC245M	ST Microelectronics (STM)		SN74AHC245DW		S	SOIC	20
74VHC245MTC	Fairchild Semiconductor		SN74AHC245PW		S	TSSOP	20
74VHC245MTCX	Fairchild Semiconductor		SN74AHC245PWR		S	TSSOP	20
74VHC245MTR	ST Microelectronics (STM)		SN74AHC245DWR		S	SOIC	20
74VHC245MX	Fairchild Semiconductor		SN74AHC245DWR		S	SOIC	20
74VHC245N	Fairchild Semiconductor		SN74AHC245N		S	PDIP	20
74VHC245SJ	Fairchild Semiconductor		SN74AHC245NSR		S	SOP	20
74VHC245SJX	Fairchild Semiconductor		SN74AHC245NSR		S	SOP-EIAJ-II	20
74VHC245TTR	ST Microelectronics (STM)		SN74AHC245PWR		S	TSSOP	20
74VHC273M	Fairchild Semiconductor		SN74AHC273DW		S	SOIC	20
74VHC273M	ST Microelectronics (STM)		SN74AHC273DW		S	SOIC	20
74VHC273MTC	Fairchild Semiconductor		SN74AHC273PW		S	TSSOP	20
74VHC273MTCX	Fairchild Semiconductor		SN74AHC273PWR		S	TSSOP	20
74VHC273MTR	ST Microelectronics (STM)		SN74AHC273DWR		S	SOIC	20
74VHC273MX	Fairchild Semiconductor		SN74AHC273DWR		S	SOIC	20
74VHC273N	Fairchild Semiconductor		SN74AHC273N		S	PDIP	20
74VHC273SJ	Fairchild Semiconductor		SN74AHC273NSR		S	SOP-EIAJ-II	20
74VHC273SJX	Fairchild Semiconductor		SN74AHC273NSR		S	SOP-EIAJ-II	20
74VHC273TTR	ST Microelectronics (STM)		SN74AHC273PWR		S	TSSOP	20
74VHC27M	Fairchild Semiconductor		SN74LV27AD		S	SOIC	14
74VHC27M	ST Microelectronics (STM)		SN74LV27AD		S	SOIC	14
74VHC27MTC	Fairchild Semiconductor		SN74LV27APW		S	TSSOP	14
74VHC27MTCX	Fairchild Semiconductor		SN74LV27APWR		S	TSSOP	14
74VHC27MTR	ST Microelectronics (STM)		SN74LV27ADR		S	SOIC	14
74VHC27MX	Fairchild Semiconductor		SN74LV27ADR		S	SOIC	14
74VHC27SJ	Fairchild Semiconductor		SN74LV27ANSR		S	SOP-EIAJ-II	14
74VHC27SJX	Fairchild Semiconductor		SN74LV27ANSR		S	SOP-EIAJ-II	14
74VHC27TTR	ST Microelectronics (STM)		SN74LV27APWR		S	TSSOP	14
74VHC32M	Fairchild Semiconductor		SN74AHC32D		S	SOIC	14
74VHC32M	ST Microelectronics (STM)		SN74AHC32D		S	SOIC	14
74VHC32MTC	Fairchild Semiconductor		SN74AHC32PW		S	TSSOP	14
74VHC32MTCX	Fairchild Semiconductor		SN74AHC32PWR		S	TSSOP	14
74VHC32MTR	ST Microelectronics (STM)		SN74AHC32DR		S	SOIC	14
74VHC32MX	Fairchild Semiconductor		SN74AHC32DR		S	SOIC	14
74VHC32N	Fairchild Semiconductor		SN74AHC32N		S	PDIP	14
74VHC32SJ	Fairchild Semiconductor		SN74AHC32NSR		S	SOP-EIAJ-II	14
74VHC32SJX	Fairchild Semiconductor		SN74AHC32NSR		S	SOP-EIAJ-II	14
74VHC32TTR	ST Microelectronics (STM)		SN74AHC32PWR		S	TSSOP	14
74VHC373M	Fairchild Semiconductor		SN74AHC373DW		S	SOIC	20
74VHC373M	ST Microelectronics (STM)		SN74AHC373DW		S	SOIC	20

74VHC221AMX — 74VHC373M

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74VHC373MTC	Fairchild Semiconductor		SN74AHC373PW		S	TSSOP	20
74VHC373MTCX	Fairchild Semiconductor		SN74AHC373PWR		S	TSSOP	20
74VHC373MTR	ST Microelectronics (STM)		SN74AHC373DWR		S	SOIC	20
74VHC373MX	Fairchild Semiconductor		SN74AHC373DWR		S	SOIC	20
74VHC373N	Fairchild Semiconductor		SN74AHC373N		S	PDIP	20
74VHC373SJ	Fairchild Semiconductor		SN74AHC373NSR		S	SOP	20
74VHC373SJX	Fairchild Semiconductor		SN74AHC373NSR		S	SOP-EIAJ-II	20
74VHC373TTR	ST Microelectronics (STM)		SN74AHC373PWR		S	TSSOP	20
74VHC374M	Fairchild Semiconductor		SN74AHC374DW		S	SOIC	20
74VHC374M	ST Microelectronics (STM)		SN74AHC374DW		S	SOIC	20
74VHC374MTC	Fairchild Semiconductor		SN74AHC374PW		S	TSSOP	20
74VHC374MTCX	Fairchild Semiconductor		SN74AHC374PWR		S	TSSOP	20
74VHC374MTR	ST Microelectronics (STM)		SN74AHC374DWR		S	SOIC	20
74VHC374MX	Fairchild Semiconductor		SN74AHC374DWR		S	SOIC	20
74VHC374N	Fairchild Semiconductor		SN74AHC374N		S	PDIP	20
74VHC374SJ	Fairchild Semiconductor		SN74AHC374NSR		S	SOP-EIAJ-II	20
74VHC374SJX	Fairchild Semiconductor		SN74AHC374NSR		S	SOP-EIAJ-II	20
74VHC374TTR	ST Microelectronics (STM)		SN74AHC374PWR		S	TSSOP	20
74VHC393M	Fairchild Semiconductor		SN74LV393AD		S	SOIC	14
74VHC393MTC	Fairchild Semiconductor		SN74LV393APW		S	TSSOP	14
74VHC393MTCX	Fairchild Semiconductor		SN74LV393APWR		S	TSSOP	14
74VHC393MX	Fairchild Semiconductor		SN74LV393ADR		S	SOIC	14
74VHC393SJ	Fairchild Semiconductor		SN74LV393ANSR		S	SOP-EIAJ-II	14
74VHC393SJX	Fairchild Semiconductor		SN74LV393ANSR		S	SOP-EIAJ-II	14
74VHC4040M	Fairchild Semiconductor		SN74LV4040AD		S	SOIC	16
74VHC4040MTC	Fairchild Semiconductor		SN74LV4040APW		S	TSSOP	16
74VHC4040MTCX	Fairchild Semiconductor		SN74LV4040APWR		S	TSSOP	16
74VHC4040MX	Fairchild Semiconductor		SN74LV4040ADR		S	SOIC	16
74VHC4040N	Fairchild Semiconductor		SN74LV4040AN		S	PDIP	16
74VHC4051M	Fairchild Semiconductor		SN74LV4051AD		S	SOIC	16
74VHC4051MTC	Fairchild Semiconductor		SN74LV4051APW		S	TSSOP	16
74VHC4051MTCX	Fairchild Semiconductor		SN74LV4051APWR		S	TSSOP	16
74VHC4051MX	Fairchild Semiconductor		SN74LV4051ADR		S	SOIC	16
74VHC4051N	Fairchild Semiconductor		SN74LV4051AN		S	PDIP	16
74VHC4051VMM	Fairchild Semiconductor	Ron, toff, ton, Vs differ	SN74LV4051ADR	SOIC narrow package	P	SOIC	16
74VHC4051VMMX	Fairchild Semiconductor	Ron, toff, ton, Vs differ	SN74LV4051ADR	SOIC narrow package	P	SOIC	16
74VHC4052M	Fairchild Semiconductor		SN74LV4052AD		S	SOIC	16
74VHC4052MTC	Fairchild Semiconductor		SN74LV4052APW		S	TSSOP	16
74VHC4052MTCX	Fairchild Semiconductor		SN74LV4052APWR		S	TSSOP	16
74VHC4052MX	Fairchild Semiconductor		SN74LV4052ADR		S	SOIC	16
74VHC4052N	Fairchild Semiconductor		SN74LV4052AN		S	PDIP	16
74VHC4052VMM	Fairchild Semiconductor	Ron, toff, ton, Vs differ	SN74LV4052AD	SOIC narrow package	P	SOIC	16
74VHC4052VMMX	Fairchild Semiconductor	Ron, toff, ton, Vs differ	SN74LV4052ADR	SOIC narrow package	S	SOIC	16
74VHC4053M	Fairchild Semiconductor		SN74LV4053AD		S	SOIC	16
74VHC4053MTC	Fairchild Semiconductor		SN74LV4053APW		S	TSSOP	16
74VHC4053MTCX	Fairchild Semiconductor		SN74LV4053APWR		S	TSSOP	16
74VHC4053MX	Fairchild Semiconductor		SN74LV4053ADR		S	SOIC	16
74VHC4053N	Fairchild Semiconductor		SN74LV4053AN		S	PDIP	16
74VHC4053VMM	Fairchild Semiconductor		SN74LV4053AD	SOIC narrow package	P	SOIC	16
74VHC4053VMMX	Fairchild Semiconductor		SN74LV4053ADR	SOIC narrow package	P	SOIC	16
74VHC4066M	Fairchild Semiconductor		SN74AHC4066D		S	SOIC	14
74VHC4066MTC	Fairchild Semiconductor		SN74AHC4066PW		S	TSSOP	14
74VHC4066MTCX	Fairchild Semiconductor		SN74AHC4066PWR		S	TSSOP	14
74VHC4066MX	Fairchild Semiconductor		SN74AHC4066DR		S	SOIC	14
74VHC4066N	Fairchild Semiconductor		SN74AHC4066N		S	PDIP	14
74VHC541M	Fairchild Semiconductor		SN74AHC541DW		S	SOIC	20
74VHC541M	ST Microelectronics (STM)		SN74AHC541DW		S	SOIC	20
74VHC541MTC	Fairchild Semiconductor		SN74AHC541PW		S	TSSOP	20
74VHC541MTCX	Fairchild Semiconductor		SN74AHC541PWR		S	TSSOP	20
74VHC541MTR	ST Microelectronics (STM)		SN74AHC541DWR		S	SOIC	20
74VHC541MX	Fairchild Semiconductor		SN74AHC541DWR		S	SOIC	20
74VHC541N	Fairchild Semiconductor		SN74AHC541N		S	PDIP	20
74VHC541SJ	Fairchild Semiconductor		SN74AHC541NSR		S	SOP-EIAJ-II	20
74VHC541SJX	Fairchild Semiconductor		SN74AHC541NSR		S	SOP-EIAJ-II	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74VHC541TTR	ST Microelectronics (STM)		SN74AHC541PWR		S	TSSOP	20
74VHC573M	Fairchild Semiconductor		SN74AHC573DW		S	SOIC	20
74VHC573M	ST Microelectronics (STM)		SN74AHC573DW		S	SOIC	20
74VHC573MTC	Fairchild Semiconductor		SN74AHC573DGVR		S	TSSOP	20
74VHC573MTC	Fairchild Semiconductor		SN74AHC573PW		S	TSSOP	20
74VHC573MTCX	Fairchild Semiconductor		SN74AHC573DGVR		S	TSSOP	20
74VHC573MTCX	Fairchild Semiconductor		SN74AHC573PWR		S	TSSOP	20
74VHC573MTR	ST Microelectronics (STM)		SN74AHC573DWR		S	SOIC	20
74VHC573MX	Fairchild Semiconductor		SN74AHC573DWR		S	SOIC	20
74VHC573N	Fairchild Semiconductor		SN74AHC573N		S	PDIP	20
74VHC573SJ	Fairchild Semiconductor		SN74AHC573NSR		S	SOP	20
74VHC573SJX	Fairchild Semiconductor		SN74AHC573NSR		S	SOP-EIAJ-II	20
74VHC573TTR	ST Microelectronics (STM)		SN74AHC573PWR		S	TSSOP	20
74VHC574M	Fairchild Semiconductor		SN74AHC574DW		S	SOIC	20
74VHC574M	ST Microelectronics (STM)		SN74AHC574DW		S	SOIC	20
74VHC574MTC	Fairchild Semiconductor		SN74AHC574PW		S	TSSOP	20
74VHC574MTCX	Fairchild Semiconductor		SN74AHC574PWR		S	TSSOP	20
74VHC574MTR	ST Microelectronics (STM)		SN74AHC574DWR		S	SOIC	20
74VHC574MX	Fairchild Semiconductor		SN74AHC574DWR		S	SOIC	20
74VHC574N	Fairchild Semiconductor		SN74AHC574N		S	PDIP	20
74VHC574SJ	Fairchild Semiconductor		SN74AHC574NSR		S	SOP-EIAJ-II	20
74VHC574SJX	Fairchild Semiconductor		SN74AHC574NSR		S	SOP-EIAJ-II	20
74VHC574TTR	ST Microelectronics (STM)		SN74AHC574PWR		S	TSSOP	20
74VHC594M	ST Microelectronics (STM)		SN74AHC594D		S	SOIC	16
74VHC594MTR	ST Microelectronics (STM)		SN74AHC594DR		S	SOIC	16
74VHC594TTR	ST Microelectronics (STM)		SN74AHC594PWR		S	TSSOP	16
74VHC595M	Fairchild Semiconductor		SN74AHC595D		S	SOIC	16
74VHC595MTC	Fairchild Semiconductor		SN74AHC595PW		S	TSSOP	16
74VHC595MTCX	Fairchild Semiconductor		SN74AHC595PWR		S	TSSOP	16
74VHC595MX	Fairchild Semiconductor		SN74AHC595DR		S	SOIC	16
74VHC595N	Fairchild Semiconductor		SN74AHC595N		S	PDIP	16
74VHC595SJ	Fairchild Semiconductor		SN74AHC595NSR		S	SOP-EIAJ-II	16
74VHC595SJX	Fairchild Semiconductor		SN74AHC595NSR		S	SOP-EIAJ-II	16
74VHC74M	Fairchild Semiconductor		SN74AHC74D		S	SOIC	14
74VHC74M	ST Microelectronics (STM)		SN74AHC74D		S	SOIC	14
74VHC74MTC	Fairchild Semiconductor		SN74AHC74PW		S	TSSOP	14
74VHC74MTCX	Fairchild Semiconductor		SN74AHC74PWR		S	TSSOP	14
74VHC74MTR	ST Microelectronics (STM)		SN74AHC74DR		S	SOIC	14
74VHC74MX	Fairchild Semiconductor		SN74AHC74DR		S	SOIC	14
74VHC74N	Fairchild Semiconductor		SN74AHC74N		S	PDIP	14
74VHC74SJ	Fairchild Semiconductor		SN74AHC74NSR		S	SOP-EIAJ-II	14
74VHC74SJX	Fairchild Semiconductor		SN74AHC74NSR		S	SOP-EIAJ-II	14
74VHC74TTR	ST Microelectronics (STM)		SN74AHC74PWR		S	TSSOP	14
74VHC86M	Fairchild Semiconductor		SN74AHC86D		S	SOIC	14
74VHC86M	ST Microelectronics (STM)		SN74AHC86D		S	SOIC	14
74VHC86MTC	Fairchild Semiconductor		SN74AHC86PW		S	TSSOP	14
74VHC86MTCX	Fairchild Semiconductor		SN74AHC86PWR		S	TSSOP	14
74VHC86MTR	ST Microelectronics (STM)		SN74AHC86DR		S	SOIC	14
74VHC86MX	Fairchild Semiconductor		SN74AHC86DR		S	SOIC	14
74VHC86N	Fairchild Semiconductor		SN74AHC86N		S	PDIP	14
74VHC86SJ	Fairchild Semiconductor		SN74AHC86NSR		S	SOP-EIAJ-II	14
74VHC86SJX	Fairchild Semiconductor		SN74AHC86NSR		S	SOP-EIAJ-II	14
74VHC86TTR	ST Microelectronics (STM)		SN74AHC86PWR		S	TSSOP	14
74VHCT00AM	Fairchild Semiconductor		SN74AHC74D		S	SOIC	14
74VHCT00AM	ST Microelectronics (STM)		SN74AHC74D		S	SOIC	14
74VHCT00AMTC	Fairchild Semiconductor		SN74AHC74PW		S	TSSOP	14
74VHCT00AMTCX	Fairchild Semiconductor		SN74AHC74PWR		S	TSSOP	14
74VHCT00AMTR	ST Microelectronics (STM)		SN74AHC74DR		S	SOIC	14
74VHCT00AMX	Fairchild Semiconductor		SN74AHC74DR		S	SOIC	14
74VHCT00AN	Fairchild Semiconductor		SN74AHC74N		S	PDIP	14
74VHCT00ASJ	Fairchild Semiconductor		SN74AHC74NSR		S	SOP-EIAJ-II	14
74VHCT00ASJX	Fairchild Semiconductor		SN74AHC74NSR		S	SOP-EIAJ-II	14
74VHCT00ATTR	ST Microelectronics (STM)		SN74AHC74PWR		S	TSSOP	14
74VHCT02AM	ST Microelectronics (STM)		SN74AHC74D		S	SOIC	14

74VHC541TTR — 74VHCT02AM

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74VHCT02AMTR	ST Microelectronics (STM)		SN74AHCT02DR		S	SOIC	14
74VHCT02ATTR	ST Microelectronics (STM)		SN74AHCT02PWR		S	TSSOP	14
74VHCT04AM	Fairchild Semiconductor		SN74AHCT04D		S	SOIC	14
74VHCT04AMTR	ST Microelectronics (STM)		SN74AHCT04D		S	SOIC	14
74VHCT04AMTC	Fairchild Semiconductor		SN74AHCT04PW		S	TSSOP	14
74VHCT04AMTCX	Fairchild Semiconductor		SN74AHCT04PWR		S	TSSOP	14
74VHCT04AMTR	ST Microelectronics (STM)		SN74AHCT04DR		S	SOIC	14
74VHCT04AMX	Fairchild Semiconductor		SN74AHCT04DR		S	SOIC	14
74VHCT04AN	Fairchild Semiconductor		SN74AHCT04N		S	PDIP	14
74VHCT04ASJ	Fairchild Semiconductor		SN74AHCT04NSR		S	SOP	14
74VHCT04ASJX	Fairchild Semiconductor		SN74AHCT04NSR		S	SOP-EIAJ-II	14
74VHCT04AT	ST Microelectronics (STM)		SN74AHCT04PW		S	TSSOP	14
74VHCT04ATTR	ST Microelectronics (STM)		SN74AHCT04PWR		S	TSSOP	14
74VHCT08AM	Fairchild Semiconductor		SN74AHCT08D		S	SOIC	14
74VHCT08AMTR	ST Microelectronics (STM)		SN74AHCT08D		S	SOIC	14
74VHCT08AMTC	Fairchild Semiconductor		SN74AHCT08PW		S	TSSOP	14
74VHCT08AMTCX	Fairchild Semiconductor		SN74AHCT08PWR		S	TSSOP	14
74VHCT08AMTR	ST Microelectronics (STM)		SN74AHCT08DR		S	SOIC	14
74VHCT08AMX	Fairchild Semiconductor		SN74AHCT08DR		S	SOIC	14
74VHCT08AN	Fairchild Semiconductor		SN74AHCT08N		S	PDIP	14
74VHCT08ASJ	Fairchild Semiconductor		SN74AHCT08NSR		S	SOP-EIAJ-II	14
74VHCT08ASJX	Fairchild Semiconductor		SN74AHCT08NSR		S	SOP-EIAJ-II	14
74VHCT08ATTR	ST Microelectronics (STM)		SN74AHCT08PWR		S	TSSOP	14
74VHCT125AM	ST Microelectronics (STM)		SN74LV125ATD		S	SOIC	14
74VHCT125AMTR	ST Microelectronics (STM)		SN74LV125ATDR		S	SOIC	14
74VHCT125AT	ST Microelectronics (STM)		SN74LV125ATPW		S	TSSOP	14
74VHCT125ATTR	ST Microelectronics (STM)		SN74LV125ATPWR		S	TSSOP	14
74VHCT126AM	ST Microelectronics (STM)		SN74AHCT126D		S	SOIC	14
74VHCT126AMTR	ST Microelectronics (STM)		SN74AHCT126DR		S	SOIC	14
74VHCT126ATTR	ST Microelectronics (STM)		SN74AHCT126PWR		S	TSSOP	14
74VHCT132AM	ST Microelectronics (STM)		SN74AHCT132D		S	SOIC	14
74VHCT132AMTR	ST Microelectronics (STM)		SN74AHCT132DR		S	SOIC	14
74VHCT132ATTR	ST Microelectronics (STM)		SN74AHCT132PWR		S	TSSOP	14
74VHCT138AM	Fairchild Semiconductor		SN74LV138ATD		S	SOIC	16
74VHCT138AMTR	ST Microelectronics (STM)		SN74LV138ATD		S	SOIC	16
74VHCT138AMTC	Fairchild Semiconductor		SN74LV138ATPW		S	TSSOP	16
74VHCT138AMTCX	Fairchild Semiconductor		SN74LV138ATPWR		S	TSSOP	16
74VHCT138AMTR	ST Microelectronics (STM)		SN74LV138ATDR		S	SOIC	16
74VHCT138AMX	Fairchild Semiconductor		SN74LV138ATDR		S	SOIC	16
74VHCT138AN	Fairchild Semiconductor		SN74AHCT138N		S	PDIP	16
74VHCT138ASJ	Fairchild Semiconductor		SN74LV138ATNSR		S	SOP	16
74VHCT138ASJX	Fairchild Semiconductor		SN74LV138ATNSR		S	SOP-EIAJ-II	16
74VHCT138ATTR	ST Microelectronics (STM)		SN74LV138ATPWR		S	TSSOP	16
74VHCT139AM	ST Microelectronics (STM)		SN74AHCT139D		S	SOIC	16
74VHCT139AMTR	ST Microelectronics (STM)		SN74AHCT139DR		S	SOIC	16
74VHCT139ATTR	ST Microelectronics (STM)		SN74AHCT139PWR		S	TSSOP	16
74VHCT14AM	Fairchild Semiconductor		SN74AHCT14D		S	SOIC	14
74VHCT14AMTR	ST Microelectronics (STM)		SN74AHCT14D		S	SOIC	14
74VHCT14AMTC	Fairchild Semiconductor		SN74AHCT14PW		S	TSSOP	14
74VHCT14AMTCX	Fairchild Semiconductor		SN74AHCT14PWR		S	TSSOP	14
74VHCT14AMTR	ST Microelectronics (STM)		SN74AHCT14DR		S	SOIC	14
74VHCT14AMX	Fairchild Semiconductor		SN74AHCT14DR		S	SOIC	14
74VHCT14AN	Fairchild Semiconductor		SN74AHCT14N		S	PDIP	14
74VHCT14ASJ	Fairchild Semiconductor		SN74AHCT14NSR		S	SOP	14
74VHCT14ASJX	Fairchild Semiconductor		SN74AHCT14NSR		S	SOP-EIAJ-II	14
74VHCT14AT	ST Microelectronics (STM)		SN74AHCT14PW		S	TSSOP	14
74VHCT14ATTR	ST Microelectronics (STM)		SN74AHCT14PWR		S	TSSOP	14
74VHCT157AM	ST Microelectronics (STM)		SN74AHCT157D		S	SOIC	16
74VHCT157AMTR	ST Microelectronics (STM)		SN74AHCT157DR		S	SOIC	16
74VHCT157ATTR	ST Microelectronics (STM)		SN74AHCT157PWR		S	TSSOP	16
74VHCT16240ATTR	ST Microelectronics (STM)		SN74AHCT16240DGGR		S	TSSOP	48
74VHCT16244AT	ST Microelectronics (STM)		SN74AHCT16244DGGR		S	TSSOP	48
74VHCT16244ATTR	ST Microelectronics (STM)		SN74AHCT16244DGGR		S	TSSOP	48
74VHCT16245ATTR	ST Microelectronics (STM)		SN74AHCT16245DGGR		S	TSSOP	48

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74VHCT16373ATTR	ST Microelectronics (STM)		SN74AHCT16373DGGGR		S	TSSOP	48
74VHCT16374AT	ST Microelectronics (STM)	tpd differs	SN74AHCT16374DGGGR		S	TSSOP	48
74VHCT16374ATTR	ST Microelectronics (STM)		SN74AHCT16374DGGGR		S	TSSOP	48
74VHCT174AM	ST Microelectronics (STM)		SN74AHCT174D		S	SOIC	16
74VHCT174AMTR	ST Microelectronics (STM)		SN74AHCT174DR		S	SOIC	16
74VHCT174ATTR	ST Microelectronics (STM)		SN74AHCT174PWR		S	TSSOP	16
74VHCT240AM	Fairchild Semiconductor		SN74AHCT240DW		S	SOIC	20
74VHCT240AM	ST Microelectronics (STM)		SN74AHCT240DW		S	SOIC	20
74VHCT240AMTC	Fairchild Semiconductor		SN74AHCT240PW		S	TSSOP	20
74VHCT240AMTCX	Fairchild Semiconductor		SN74AHCT240PWR		S	TSSOP	20
74VHCT240AMTR	ST Microelectronics (STM)		SN74AHCT240DWR		S	SOIC	20
74VHCT240AMX	Fairchild Semiconductor		SN74AHCT240DWR		S	SOIC	20
74VHCT240AN	Fairchild Semiconductor		SN74AHCT240N		S	PDIP	20
74VHCT240ASJ	Fairchild Semiconductor		SN74AHCT240NSR		S	SOP-EIAJ-II	20
74VHCT240ASJX	Fairchild Semiconductor		SN74AHCT240NSR		S	SOP-EIAJ-II	20
74VHCT240ATTR	ST Microelectronics (STM)		SN74AHCT240PWR		S	TSSOP	20
74VHCT244AM	Fairchild Semiconductor		SN74LV244ATDW		S	SOIC	20
74VHCT244AM	ST Microelectronics (STM)		SN74LV244ATDW		S	SOIC	20
74VHCT244AMTC	Fairchild Semiconductor		SN74LV244ATPW		S	TSSOP	20
74VHCT244AMTCX	Fairchild Semiconductor		SN74LV244ATPWR		S	TSSOP	20
74VHCT244AMTCX_NL	Fairchild Semiconductor	Pb-Free	SN74LV244ATPWR		S	TSSOP	20
74VHCT244AMTR	ST Microelectronics (STM)		SN74LV244ATDWR		S	SOIC	20
74VHCT244AMX	Fairchild Semiconductor		SN74LV244ATDWR		S	SOIC	20
74VHCT244AMX_NL	Fairchild Semiconductor	Pb-Free	SN74LV244ATDWR		S	SOIC	20
74VHCT244AN	Fairchild Semiconductor		SN74AHCT244N		S	PDIP	20
74VHCT244ASJ	Fairchild Semiconductor	Pb-Free	SN74LV244ATNSR		S	SOP-EIAJ-II	20
74VHCT244ASJX	Fairchild Semiconductor	Pb-Free	SN74LV244ATNSR		S	SOP-EIAJ-II	20
74VHCT244ATTR	ST Microelectronics (STM)		SN74LV244ATPWR		S	TSSOP	20
74VHCT245AM	Fairchild Semiconductor		SN74LV245ATDW		S	SOIC	20
74VHCT245AM	ST Microelectronics (STM)		SN74LV245ATDW		S	SOIC	20
74VHCT245AMTC	Fairchild Semiconductor		SN74LV245ATPW		S	TSSOP	20
74VHCT245AMTCX	Fairchild Semiconductor		SN74LV245ATPWR		S	TSSOP	20
74VHCT245AMTCX_NL	Fairchild Semiconductor	Pb-Free	SN74LV245ATPWR		S	TSSOP	20
74VHCT245AMTR	ST Microelectronics (STM)		SN74LV245ATDWR		S	SOIC	20
74VHCT245AMX	Fairchild Semiconductor		SN74LV245ATDWR		S	SOIC	20
74VHCT245AN	Fairchild Semiconductor		SN74AHCT245N		S	PDIP	20
74VHCT245ASJ	Fairchild Semiconductor		SN74LV245ATNSR		S	SOP-EIAJ-II	20
74VHCT245ASJX	Fairchild Semiconductor		SN74LV245ATNSR		S	SOP-EIAJ-II	20
74VHCT245ATTR	ST Microelectronics (STM)		SN74LV245ATPWR		S	TSSOP	20
74VHCT273AM	ST Microelectronics (STM)		SN74AHCT273DW		S	SOIC	20
74VHCT273AMTR	ST Microelectronics (STM)		SN74AHCT273DWR		S	SOIC	20
74VHCT273ATTR	ST Microelectronics (STM)		SN74AHCT273PWR		S	TSSOP	20
74VHCT32AM	ST Microelectronics (STM)		SN74AHCT32D		S	SOIC	14
74VHCT32AMTR	ST Microelectronics (STM)		SN74AHCT32DR		S	SOIC	14
74VHCT32ATTR	ST Microelectronics (STM)		SN74AHCT32PWR		S	TSSOP	14
74VHCT373AM	ST Microelectronics (STM)		SN74AHCT373DW		S	SOP	20
74VHCT373AM	Fairchild Semiconductor		SN74LV373ATDW		S	SOIC	20
74VHCT373AM	ST Microelectronics (STM)		SN74LV373ATDW		S	SOIC	20
74VHCT373AMTC	Fairchild Semiconductor		SN74LV373ATPW		S	TSSOP	20
74VHCT373AMTCX	Fairchild Semiconductor		SN74LV373ATPWR		S	TSSOP	20
74VHCT373AMTR	ST Microelectronics (STM)		SN74AHCT373DWR		S	SOP	20
74VHCT373AMTR	ST Microelectronics (STM)		SN74LV373ATDWR		S	SOIC	20
74VHCT373AMX	Fairchild Semiconductor		SN74LV373ATDWR		S	SOIC	20
74VHCT373AN	Fairchild Semiconductor		SN74AHCT373N		S	PDIP	20
74VHCT373ASJ	Fairchild Semiconductor		SN74LV373ATNSR		S	SOP	20
74VHCT373ASJ	Fairchild Semiconductor		SN74LV373ATNSR		S	SOP-EIAJ-II	20
74VHCT373ASJX	Fairchild Semiconductor		SN74LV373ATNSR		S	SOP-EIAJ-II	20
74VHCT373AT	ST Microelectronics (STM)		SN74AHCT373PW		S	TSSOP	20
74VHCT373ATTR	ST Microelectronics (STM)		SN74AHCT373PWR		S	TSSOP	20
74VHCT373ATTR	ST Microelectronics (STM)		SN74LV373ATPWR		S	TSSOP	20
74VHCT374AM	Fairchild Semiconductor		SN74AHCT374DW		S	SOIC	20
74VHCT374AM	ST Microelectronics (STM)		SN74AHCT374DW		S	SOIC	20
74VHCT374AMTC	Fairchild Semiconductor		SN74AHCT374PW		S	TSSOP	20
74VHCT374AMTCX	Fairchild Semiconductor		SN74AHCT374PWR		S	TSSOP	20

74VHCT16373ATTR — 74VHCT374AMTCX

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74VHCT374AMTR	ST Microelectronics (STM)		SN74AHCT374DWR		S	SOIC	20
74VHCT374AMX	Fairchild Semiconductor		SN74AHCT374DWR		S	SOIC	20
74VHCT374AN	Fairchild Semiconductor		SN74AHCT374N		S	PDIP	20
74VHCT374ASJ	Fairchild Semiconductor		SN74AHCT374NSR		S	SOP-EIAJ-II	20
74VHCT374ASJX	Fairchild Semiconductor		SN74AHCT374NSR		S	SOP-EIAJ-II	20
74VHCT374ATTR	ST Microelectronics (STM)		SN74AHCT374PWR		S	TSSOP	20
74VHCT540AM	Fairchild Semiconductor		SN74AHCT540DW		S	SOIC	20
74VHCT540AMTC	Fairchild Semiconductor		SN74AHCT540PW		S	TSSOP	20
74VHCT540AMTCX	Fairchild Semiconductor		SN74AHCT540PWR		S	TSSOP	20
74VHCT540AMX	Fairchild Semiconductor		SN74AHCT540DWR		S	SOIC	20
74VHCT540AN	Fairchild Semiconductor		SN74AHCT540N		S	PDIP	20
74VHCT540ASJ	Fairchild Semiconductor		SN74AHCT540NSR		S	SOP-EIAJ-II	20
74VHCT540ASJX	Fairchild Semiconductor		SN74AHCT540NSR		S	SOP-EIAJ-II	20
74VHCT541AM	Fairchild Semiconductor		SN74LV541ATDW		S	SOIC	20
74VHCT541AM	ST Microelectronics (STM)		SN74LV541ATDW		S	SOIC	20
74VHCT541AMTC	Fairchild Semiconductor		SN74LV541ATPW		S	TSSOP	20
74VHCT541AMTCX	Fairchild Semiconductor		SN74LV541ATPWR		S	TSSOP	20
74VHCT541AMTCX_NL	Fairchild Semiconductor	Pb-Free	SN74LV541ATPWR		S	TSSOP	20
74VHCT541AMTR	ST Microelectronics (STM)		SN74LV541ATDWR		S	SOIC	20
74VHCT541AMX	Fairchild Semiconductor		SN74LV541ATDWR		S	SOIC	20
74VHCT541AN	Fairchild Semiconductor		SN74AHCT541N		S	PDIP	20
74VHCT541ASJ	Fairchild Semiconductor		SN74AHCT541NSR		S	SOP-EIAJ-II	20
74VHCT541ASJ	Fairchild Semiconductor	Pb-Free	SN74LV541ATNSR		S	SOP-EIAJ-II	20
74VHCT541ASJX	Fairchild Semiconductor	Pb-Free	SN74LV541ATNSR		S	SOP-EIAJ-II	20
74VHCT541ATTR	ST Microelectronics (STM)		SN74LV541ATPWR		S	TSSOP	20
74VHCT573AM	Fairchild Semiconductor	tpd differs	SN74AHCT573DW		S	SOP	20
74VHCT573AM	ST Microelectronics (STM)		SN74AHCT573DW		S	SOP	20
74VHCT573AM	Fairchild Semiconductor		SN74LV573ATDW		S	SOIC	20
74VHCT573AM	ST Microelectronics (STM)		SN74LV573ATDW		S	SOIC	20
74VHCT573AMTC	Fairchild Semiconductor	tpd differs	SN74AHCT573PW		S	TSSOP	20
74VHCT573AMTC	Fairchild Semiconductor		SN74LV573ATPW		S	TSSOP	20
74VHCT573AMTCX	Fairchild Semiconductor		SN74LV573ATPWR		S	TSSOP	20
74VHCT573AMTR	ST Microelectronics (STM)		SN74AHCT573DWR		S	SOP	20
74VHCT573AMTR	ST Microelectronics (STM)		SN74LV573ATDWR		S	SOIC	20
74VHCT573AMX	Fairchild Semiconductor		SN74AHCT573DWR		S	SOIC	20
74VHCT573AMX	Fairchild Semiconductor		SN74LV573ATDWR		S	SOIC	20
74VHCT573AN	Fairchild Semiconductor		SN74AHCT573N		S	PDIP	20
74VHCT573ASJ	Fairchild Semiconductor	Pb-Free	SN74LV573ATNSR		S	SOP-EIAJ-II	20
74VHCT573ASJX	Fairchild Semiconductor	Pb-Free	SN74LV573ATNSR		S	SOP-EIAJ-II	20
74VHCT573ATTR	ST Microelectronics (STM)		SN74AHCT573PWR		S	TSSOP	20
74VHCT573ATTR	ST Microelectronics (STM)		SN74LV573ATPWR		S	TSSOP	20
74VHCT574AM	Fairchild Semiconductor		SN74AHCT574DW		S	SOIC	20
74VHCT574AM	ST Microelectronics (STM)		SN74AHCT574DW		S	SOIC	20
74VHCT574AMTC	Fairchild Semiconductor		SN74AHCT574PW		S	TSSOP	20
74VHCT574AMTCX	Fairchild Semiconductor		SN74AHCT574PWR		S	TSSOP	20
74VHCT574AMTR	ST Microelectronics (STM)		SN74AHCT574DWR		S	SOIC	20
74VHCT574AMX	Fairchild Semiconductor		SN74AHCT574DWR		S	SOIC	20
74VHCT574AN	Fairchild Semiconductor		SN74AHCT574N		S	PDIP	20
74VHCT574ASJ	Fairchild Semiconductor		SN74AHCT574NSR		S	SOP-EIAJ-II	20
74VHCT574ASJX	Fairchild Semiconductor		SN74AHCT574NSR		S	SOP-EIAJ-II	20
74VHCT574ATTR	ST Microelectronics (STM)		SN74AHCT574PWR		S	TSSOP	20
74VHCT74AM	Fairchild Semiconductor		SN74AHCT74D		S	SOIC	14
74VHCT74AM	ST Microelectronics (STM)		SN74AHCT74D		S	SOIC	14
74VHCT74AMTC	Fairchild Semiconductor		SN74AHCT74PW		S	TSSOP	14
74VHCT74AMTCX	Fairchild Semiconductor		SN74AHCT74PWR		S	TSSOP	14
74VHCT74AMTR	ST Microelectronics (STM)		SN74AHCT74DR		S	SOIC	14
74VHCT74AMX	Fairchild Semiconductor		SN74AHCT74DR		S	SOIC	14
74VHCT74AN	Fairchild Semiconductor		SN74AHCT74N		S	PDIP	14
74VHCT74ASJ	Fairchild Semiconductor		SN74AHCT74NSR		S	SOP-EIAJ-II	14
74VHCT74ASJX	Fairchild Semiconductor		SN74AHCT74NSR		S	SOP-EIAJ-II	14
74VHCT74ATTR	ST Microelectronics (STM)		SN74AHCT74PWR		S	TSSOP	14
74VHCT86AM	ST Microelectronics (STM)		SN74AHCT86D		S	SOIC	14
74VHCT86AMTR	ST Microelectronics (STM)		SN74AHCT86DR		S	SOIC	14
74VHCT86ATTR	ST Microelectronics (STM)		SN74AHCT86PWR		S	TSSOP	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
74VHCU04M	Fairchild Semiconductor		SN74AHC04D		S	SOIC	14
74VHCU04M	ST Microelectronics (STM)		SN74AHC04D		S	SOIC	14
74VHCU04MTC	Fairchild Semiconductor		SN74AHC04PW		S	TSSOP	14
74VHCU04MTCX	Fairchild Semiconductor		SN74AHC04PWR		S	TSSOP	14
74VHCU04MTR	ST Microelectronics (STM)		SN74AHC04DR		S	SOIC	14
74VHCU04MX	Fairchild Semiconductor		SN74AHC04DR		S	SOIC	14
74VHCU04N	Fairchild Semiconductor		SN74AHC04N		S	PDIP	14
74VHCU04SJ	Fairchild Semiconductor		SN74AHC04NSR		S	SOP	14
74VHCU04SJX	Fairchild Semiconductor		SN74AHC04NSR		S	SOP-EIAJ-II	14
74VHCU04TTR	ST Microelectronics (STM)		SN74AHC04PWR		S	TSSOP	14
79L05ACMX	ST Microelectronics (STM)		MC79L05ACDR		S		
AD648AQ	Analog Devices (ADI)	Av, CMMR, PSRR differ	TL032IP		Q	CDIP	8
AD648BQ	Analog Devices (ADI)	Av, CMMR, PSRR differ	TL032IP		Q	CDIP	8
AD648CQ	Analog Devices (ADI)	Av, CMMR, PSRR differ	TL032IP		Q	CDIP	8
AD712AN	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL072ACP		S	PDIP	8
AD712AN	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL072BCP		S	PDIP	8
AD712AN	Analog Devices (ADI)	Av, CMRR, GBW differ	TL082ACP		S	PDIP	8
AD712AN	Analog Devices (ADI)	Av, CMRR, GBW differ	TL082BCP		S	PDIP	8
AD712AQ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL072ACP	PDIP not CDIP	S	CDIP	8
AD712AQ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL072BCP	PDIP not CDIP	S	CDIP	8
AD712AQ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL082ACP	PDIP not CDIP	S	CDIP	8
AD712AQ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL082BCP	PDIP not CDIP	S	CDIP	8
AD712BQ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL072ACP	PDIP not CDIP	S	CDIP	8
AD712BQ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL072BCP	PDIP not CDIP	S	CDIP	8
AD712BQ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL082ACP	PDIP not CDIP	S	CDIP	8
AD712BQ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL082BCP	PDIP not CDIP	S	CDIP	8
AD712CN	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL072ACP		S	PDIP	8
AD712CN	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL072BCP		S	PDIP	8
AD712CN	Analog Devices (ADI)	Av, CMRR, GBW differ	TL082ACP		S	PDIP	8
AD712CN	Analog Devices (ADI)	Av, CMRR, GBW differ	TL082BCP		S	PDIP	8
AD712JN	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL072ACP		S	PDIP	8
AD712JN	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL072BCP		S	PDIP	8
AD712JN	Analog Devices (ADI)	Av, CMRR, GBW differ	TL082ACP		S	PDIP	8
AD712JN	Analog Devices (ADI)	Av, CMRR, GBW differ	TL082BCP		S	PDIP	8
AD712JQ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL072ACP	PDIP not CDIP	S	CDIP	8
AD712JQ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL072BCP	PDIP not CDIP	S	CDIP	8
AD712JQ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL082ACP	PDIP not CDIP	S	CDIP	8
AD712JQ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL082BCP	PDIP not CDIP	S	CDIP	8
AD713AQ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL074ACN	PDIP not CDIP	S	CDIP	14
AD713AQ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL074BCN	PDIP not CDIP	S	CDIP	14
AD713AQ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL084ACN	PDIP not CDIP	S	CDIP	14
AD713AQ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL084BCN	PDIP not CDIP	S	CDIP	14
AD713BQ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL074ACN	PDIP not CDIP	S	CDIP	14
AD713BQ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL074BCN	PDIP not CDIP	S	CDIP	14
AD713BQ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL084ACN	PDIP not CDIP	S	CDIP	14
AD713BQ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL084BCN	PDIP not CDIP	S	CDIP	14
AD713JN	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL074ACN		S	PDIP	14
AD713JN	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL074BCN		S	PDIP	14
AD713JN	Analog Devices (ADI)	Av, CMRR, GBW differ	TL084ACN		S	PDIP	14
AD713JN	Analog Devices (ADI)	Av, CMRR, GBW differ	TL084BCN		S	PDIP	14
AD713KN	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL074ACN		S	PDIP	14
AD713KN	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL074BCN		S	PDIP	14
AD713KN	Analog Devices (ADI)	Av, CMRR, GBW differ	TL084ACN		S	PDIP	14
AD713KN	Analog Devices (ADI)	Av, CMRR, GBW differ	TL084BCN		S	PDIP	14
AD713SQ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL074ACN	PDIP not CDIP	S	CDIP	14
AD713SQ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL074BCN	PDIP not CDIP	S	CDIP	14
AD713SQ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL084ACN	PDIP not CDIP	S	CDIP	14
AD713SQ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL084BCN	PDIP not CDIP	S	CDIP	14
AD8054AR	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL074ACD		Q	SOIC	14
AD8221ARMZ-REEL	Analog Devices (ADI)	Av, CMRR, GBW differ	TL082ACDR		Q	SOIC	8
AD8221ARMZ-REEL	Analog Devices (ADI)	Av, CMRR, GBW differ	TL082ACDRQ4		Q	SOIC	8
AD8221ARMZ-REEL	Analog Devices (ADI)	Av, CMRR, GBW differ	TL082ACDRG4		Q	SOIC	8
AD8221ARMZ-REEL7	Analog Devices (ADI)	Av, CMRR, GBW differ	TL082ACDR		Q	SOIC	8
AD8221ARMZ-REEL7	Analog Devices (ADI)	Av, CMRR, GBW differ	TL082ACDRQ4		Q	SOIC	8

74VHCU04M — AD8221RMZ-REEL7

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
AD8221ARMZ-REEL7	Analog Devices (ADI)	Av, CMRR, GBW differ	TL082ACDRG4		Q	SOIC	8
AD824AN	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL084ACN		S	PDIP	14
AD824AN-3V	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL084ACN		S	PDIP	14
AD824AR	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL084ACD		S	SOIC	14
AD824AR	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL084ACDE4		S	SOIC	14
AD824AR	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL084ACDRE4		S	SOIC	14
AD824AR-14	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL084ACD		S	SOIC	14
AD824AR-14	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL084ACDE4		S	SOIC	14
AD824AR-14	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL084ACDRE4		S	SOIC	14
AD824AR-14-3V	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL084ACD		S	SOIC	14
AD824AR-14-3V	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL084ACDE4		S	SOIC	14
AD824AR-14-3V	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL084ACDRE4		S	SOIC	14
AD824AR-14-3V-REEL	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL084ACDR		S	SOIC	14
AD824AR-14-3V-REEL	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL084ACDRE4		S	SOIC	14
AD824AR-14-3V-REEL	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL084ACNSR		S	SOIC	14
AD8510AR	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL081ACD		Q	SOIC	8
AD8510AR	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL081BCD		Q	SOIC	8
AD8510AR	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL081CD		Q	SOIC	8
AD8510AR-REEL	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL081ACDR		Q	SOIC	8
AD8510AR-REEL	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL081BCDR		Q	SOIC	8
AD8510AR-REEL	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL081CDR		Q	SOIC	8
AD8510AR-REEL7	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL081ACDR		Q	SOIC	8
AD8510AR-REEL7	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL081BCDR		Q	SOIC	8
AD8510AR-REEL7	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL081CDR		Q	SOIC	8
AD8510ARZ	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL081ACD		Q	SOIC	8
AD8510ARZ	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL081BCD		Q	SOIC	8
AD8510ARZ	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL081CD		Q	SOIC	8
AD8510ARZ-REEL	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL081ACDR		Q	SOIC	8
AD8510ARZ-REEL	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL081BCDR		Q	SOIC	8
AD8510ARZ-REEL	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL081CDR		Q	SOIC	8
AD8510ARZ-REEL7	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL081ACDR		Q	SOIC	8
AD8510ARZ-REEL7	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL081BCDR		Q	SOIC	8
AD8510ARZ-REEL7	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL081CDR		Q	SOIC	8
AD8512AR	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACD		Q	SOIC	8
AD8512AR	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACDE4		Q	SOIC	8
AD8512AR	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACDG4		Q	SOIC	8
AD8512AR	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACDRE4		Q	SOIC	8
AD8512AR	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACDRG4		Q	SOIC	8
AD8512AR	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082BCD		Q	SOIC	8
AD8512AR-REEL	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACDR		Q	SOIC	8
AD8512AR-REEL	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACDRE4		Q	SOIC	8
AD8512AR-REEL	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACDRG4		Q	SOIC	8
AD8512AR-REEL	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082BCDR		Q	SOIC	8
AD8512AR-REEL7	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACDR		Q	SOIC	8
AD8512AR-REEL7	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACDRE4		Q	SOIC	8
AD8512AR-REEL7	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACDRG4		Q	SOIC	8
AD8512AR-REEL7	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082BCDR		Q	SOIC	8
AD8512ARZ	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACD		Q	SOIC	8
AD8512ARZ	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACDE4		Q	SOIC	8
AD8512ARZ	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACDG4		Q	SOIC	8
AD8512ARZ	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACDRE4		Q	SOIC	8
AD8512ARZ	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACDRG4		Q	SOIC	8
AD8512ARZ	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082BCD		Q	SOIC	8
AD8512ARZ-REEL	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACDR		Q	SOIC	8
AD8512ARZ-REEL	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACDRE4		Q	SOIC	8
AD8512ARZ-REEL	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACDRG4		Q	SOIC	8
AD8512ARZ-REEL	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082BCDR		Q	SOIC	8
ADG3257BRQ	Analog Devices (ADI)		TS3A5018DBQR		S	SSOP/QSOP	16
ADG3257BRQ-REEL	Analog Devices (ADI)		TS3A5018DBQR		S	SSOP/QSOP	16
ADG3257BRQ-REEL7	Analog Devices (ADI)		TS3A5018DBQR		S	SSOP/QSOP	16
ADG3257BRQZ	Analog Devices (ADI)	Pb-Free	TS3A5018DBQR		S	SSOP/QSOP	16
ADG3257BRQZ-REEL7	Analog Devices (ADI)	Pb-Free	TS3A5018DBQR		S	SSOP/QSOP	16
ADM1181AARW	Analog Devices (ADI)	230 kb/s	MAX202IDW	Not IEC61000 ESD compliant, E grade planned, 120 kb/s (comp 230 kb/s)	Q	SOIC	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
ADM1181ARW-REEL	Analog Devices (ADI)	230 kb/s	MAX202IDWR	Not IEC61000 ESD compliant, E grade planned, 120 kb/s (comp 230 kb/s)	Q	SOIC	16
ADM1181ARWZ	Analog Devices (ADI)	230 kb/s, Pb-Free	MAX202IDW	Not IEC61000 ESD compliant, E grade planned, 120 kb/s (comp 230 kb/s)	Q	SOIC	16
ADM1181ARWZ-REEL	Analog Devices (ADI)	230 kb/s, Pb-Free	MAX202IDWR	Not IEC61000 ESD compliant, E grade planned, 120 kb/s (comp 230 kb/s)	Q	SOIC	16
ADM202EARN	Analog Devices (ADI)	230 kbps	MAX202ID	Not IEC61000 ESD compliant, E grade planned, 120 kbps (comp 230 kbps)	Q	SOIC	16
ADM202EARN-REEL	Analog Devices (ADI)	230 kbps	MAX202IDR	Not IEC61000 ESD compliant, E grade planned, 120 kbps (comp 230 kbps)	Q	SOIC	16
ADM202EARN-REEL7	Analog Devices (ADI)	230 kbps	MAX202IDR	Not IEC61000 ESD compliant, E grade planned, 120 kbps (comp 230 kbps)	Q	SOIC	16
ADM202EARNZ	Analog Devices (ADI)	230 kbps, Pb-Free	MAX202ID	Not IEC61000 ESD compliant, E grade planned, 120 kbps (comp 230 kbps)	Q	SOIC	16
ADM202EARNZ-REEL	Analog Devices (ADI)	230 kbps, Pb-Free	MAX202IDR	Not IEC61000 ESD compliant, E grade planned, 120 kbps (comp 230 kbps)	Q	SOIC	16
ADM202EARNZ-REEL7	Analog Devices (ADI)	230 kbps, Pb-Free	MAX202IDR	Not IEC61000 ESD compliant, E grade planned, 120 kbps (comp 230 kbps)	Q	SOIC	16
ADM202EARU	Analog Devices (ADI)	230 kbps	MAX202IPW	Not IEC61000 ESD compliant, E grade planned, 120 kbps (comp 230 kbps)	Q	TSSOP	16
ADM202EARU-REEL	Analog Devices (ADI)	230 kbps	MAX202IPWR	Not IEC61000 ESD compliant, E grade planned, 120 kbps (comp 230 kbps)	Q	TSSOP	16
ADM202EARU-REEL7	Analog Devices (ADI)	230 kbps	MAX202IPWR	Not IEC61000 ESD compliant, E grade planned, 120 kbps (comp 230 kbps)	Q	TSSOP	16
ADM202EARUZ	Analog Devices (ADI)	230 kbps, Pb-Free	MAX202IPW	Not IEC61000 ESD compliant, E grade planned, 120 kbps (comp 230 kbps)	Q	TSSOP	16
ADM202EARUZ-REEL	Analog Devices (ADI)	230 kbps, Pb-Free	MAX202IPWR	Not IEC61000 ESD compliant, E grade planned, 120 kbps (comp 230 kbps)	Q	TSSOP	16
ADM202EARUZ-REEL7	Analog Devices (ADI)	230 kbps, Pb-Free	MAX202IPWR	Not IEC61000 ESD compliant, E grade planned, 120 kbps (comp 230 kbps)	Q	TSSOP	16
ADM202EARW	Analog Devices (ADI)	230 kbps	MAX202IDW	Not IEC61000 ESD compliant, E grade planned, 120 kbps (comp 230 kbps)	Q	SOIC	16
ADM202EARW-REEL	Analog Devices (ADI)	230 kbps	MAX202IDWR	Not IEC61000 ESD compliant, E grade planned, 120 kbps (comp 230 kbps)	Q	SOIC	16
ADM202EARW-REEL7	Analog Devices (ADI)	230 kbps	MAX202IDWR	Not IEC61000 ESD compliant, E grade planned, 120 kbps (comp 230 kbps)	Q	SOIC	16
ADM202EARWZ	Analog Devices (ADI)	230 kbps, Pb-Free	MAX202IDW	Not IEC61000 ESD compliant, E grade planned, 120 kbps (comp 230 kbps)	Q	SOIC	16
ADM202EARWZ-REEL	Analog Devices (ADI)	230 kbps, Pb-Free	MAX202IDWR	Not IEC61000 ESD compliant, E grade planned, 120 kbps (comp 230 kbps)	Q	SOIC	16
ADM202EARWZ-REEL7	Analog Devices (ADI)	230 kbps, Pb-Free	MAX202IDWR	Not IEC61000 ESD compliant, E grade planned, 120 kbps (comp 230 kbps)	Q	SOIC	16
ADM207EAR	Analog Devices (ADI)		MAX207IDW	Not IEC61000 ESD compliant, E grade planned	S	SOIC	24
ADM207EAR-REEL	Analog Devices (ADI)		MAX207IDWR	Not IEC61000 ESD compliant, E grade planned	S	SOIC	24
ADM207EAR-REEL7	Analog Devices (ADI)		MAX207IDWR	Not IEC61000 ESD compliant, E grade planned	S	SOIC	24
ADM207EARS	Analog Devices (ADI)		MAX207IDB	Not IEC61000 ESD compliant, E grade planned	S	SSOP	24
ADM207EARS-REEL	Analog Devices (ADI)		MAX207IDBR	Not IEC61000 ESD compliant, E grade planned	S	SSOP	24
ADM207EARS-REEL7	Analog Devices (ADI)		MAX207IDBR	Not IEC61000 ESD compliant, E grade planned	S	SSOP	24
ADM208AN	Analog Devices (ADI)		MAX208INT	Planned, Not IEC61000 ESD compliant, E grade planned	S	PDIP	24
ADM208AR	Analog Devices (ADI)		MAX208IDW		S	SOIC	24
ADM208AR-REEL	Analog Devices (ADI)		MAX208IDWR		S	SOIC	24
ADM208ARS	Analog Devices (ADI)		MAX208IDB		S	SSOP	24
ADM208ARS-REEL	Analog Devices (ADI)		MAX208IDBR		S	SSOP	24
ADM208EAR	Analog Devices (ADI)	230 kbps	MAX208IDW	Not IEC61000 ESD compliant, E grade planned, 120 kb/s (comp 230 kb/s)	Q	SOIC	24
ADM208EAR-REEL	Analog Devices (ADI)	230 kbps	MAX208IDWR	Not IEC61000 ESD compliant, E grade planned, 120 kb/s (comp 230 kb/s)	Q	SOIC	24
ADM208EAR-REEL7	Analog Devices (ADI)	230 kbps	MAX208IDWR	Not IEC61000 ESD compliant, E grade planned, 120 kb/s (comp 230 kb/s)	Q	SOIC	24
ADM208EARS	Analog Devices (ADI)	230 kbps	MAX208IDB	Not IEC61000 ESD compliant, E grade planned, 120 kb/s (comp 230 kb/s)	Q	SSOP	24
ADM208EARS-REEL	Analog Devices (ADI)	230 kbps	MAX208IDBR	Not IEC61000 ESD compliant, E grade planned, 120 kb/s (comp 230 kb/s)	Q	SSOP	24

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
ADM208EARS-REEL7	Analog Devices (ADI)	230 kbps	MAX208IDBR	Not IEC61000 ESD compliant, E grade planned, 120 kb/s (comp 230 kb/s)	Q	SSOP	24
ADM211AR	Analog Devices (ADI)		MAX211IDW		S	SOIC	28
ADM211AR-REEL	Analog Devices (ADI)		MAX211IDWR		S	SOIC	28
ADM211ARS	Analog Devices (ADI)		MAX211IDB		S	SSOP	28
ADM211ARS-REEL	Analog Devices (ADI)		MAX211IDBR		S	SSOP	28
ADM211ARSZ	Analog Devices (ADI)	Pb-Free	MAX211IDB		S	SSOP	28
ADM211ARSZ-REEL	Analog Devices (ADI)	Pb-Free	MAX211IDBR		S	SSOP	28
ADM211ARZ	Analog Devices (ADI)	Pb-Free	MAX211IDW		S	SOIC	28
ADM211ARZ-REEL	Analog Devices (ADI)	Pb-Free	MAX211IDWR		S	SOIC	28
ADM211EAR	Analog Devices (ADI)	230 kbps	MAX211IDW	120 kbps, Not IEC61000 ESD compliant, E grade planned	Q	SOIC	28
ADM211EAR-REEL	Analog Devices (ADI)	230 kbps	MAX211IDWR	120 kbps, Not IEC61000 ESD compliant, E grade planned	Q	SOIC	28
ADM211EAR-REEL7	Analog Devices (ADI)	230 kbps	MAX211IDWR	Not IEC61000 ESD compliant, E grade planned	Q	SOIC	28
ADM211EARS	Analog Devices (ADI)	230 kbps	MAX211IDB	120 kbps, Not IEC61000 ESD compliant, E grade planned	Q	SSOP	28
ADM211EARS-REEL	Analog Devices (ADI)	230 kbps	MAX211IDBR	120 kbps, Not IEC61000 ESD compliant, E grade planned	Q	SSOP	28
ADM211EARS-REEL7	Analog Devices (ADI)	230 kbps	MAX211IDBR	120 kbps, Not IEC61000 ESD compliant, E grade planned	Q	SSOP	28
ADM211EARSZ	Analog Devices (ADI)	230 kbps, Pb-Free	MAX211IDB	120 kbps, Not IEC61000 ESD compliant, E grade planned	Q	SSOP	28
ADM211EARSZ-REEL	Analog Devices (ADI)	230 kbps, Pb-Free	MAX211IDBR	120 kbps, Not IEC61000 ESD compliant, E grade planned	Q	SSOP	28
ADM211EARZ	Analog Devices (ADI)	230 kbps, Pb-Free	MAX211IDW	120 kbps, Not IEC61000 ESD compliant, E grade planned	Q	SOIC	28
ADM211EARZ-REEL	Analog Devices (ADI)	230 kbps, Pb-Free	MAX211IDWR	120 kbps, Not IEC61000 ESD compliant, E grade planned	Q	SOIC	28
ADM232AAN	Analog Devices (ADI)	200 kbps, 0.1uF capacitors	MAX232EIN	120 kbps, 1.0uF capacitors	Q	PDIP	16
ADM232AANZ	Analog Devices (ADI)	Pb-Free, 200 kbps, 0.1uF capacitors	MAX232EIN	120 kbps, 1.0uF capacitors	Q	PDIP	16
ADM232AARN	Analog Devices (ADI)	200 kbps	MAX202ID	120 kbps	Q	SOIC	16
ADM232AARN	Analog Devices (ADI)	200 kb/s	MAX232EID	120 kbps (comp 200 kbps)	Q	SOIC	16
ADM232AARN-REEL	Analog Devices (ADI)	200 kbps	MAX202IDR	120 kbps	Q	SOIC	16
ADM232AARN-REEL	Analog Devices (ADI)	200 kb/s	MAX232EIDR	120 kbps (comp 200 kbps)	Q	SOIC	16
ADM232AARN-REEL7	Analog Devices (ADI)	200 kbps	MAX202IDR	120 kbps	Q	SOIC	16
ADM232AARN-REEL7	Analog Devices (ADI)	200 kb/s	MAX232EIDR	120 kbps (comp 200 kbps)	Q	SOIC	16
ADM232AARNZ	Analog Devices (ADI)	Pb-Free, 200 kbps	MAX202ID	120 kbps	Q	SOIC	16
ADM232AARNZ	Analog Devices (ADI)	200 kb/s, Pb-Free	MAX232EID	120 kbps (comp 200 kbps)	Q	SOIC	16
ADM232AARNZ-REEL	Analog Devices (ADI)	Pb-Free, 200 kbps	MAX202IDR	120 kbps	Q	SOIC	16
ADM232AARNZ-REEL	Analog Devices (ADI)	200 kb/s, Pb-Free	MAX232EIDR	120 kbps (comp 200 kbps)	Q	SOIC	16
ADM232AARNZ-REEL7	Analog Devices (ADI)	Pb-Free, 200 kbps	MAX202IDR	120 kbps	Q	SOIC	16
ADM232AARNZ-REEL7	Analog Devices (ADI)	200 kb/s, Pb-Free	MAX232EIDR	120 kbps (comp 200 kbps)	Q	SOIC	16
ADM232AARW	Analog Devices (ADI)	200 kbps	MAX202IDW	120 kbps	Q	SOIC	16
ADM232AARW	Analog Devices (ADI)	200 kb/s	MAX232EIDW	120 kbps (comp 200 kbps)	Q	SOIC	16
ADM232AARW-REEL	Analog Devices (ADI)	200 kbps	MAX202IDW	120 kbps	Q	SOIC	16
ADM232AARW-REEL	Analog Devices (ADI)	200 kb/s	MAX232EIDW	120 kbps (comp 200 kbps)	Q	SOIC	16
ADM232AARWZ	Analog Devices (ADI)	Pb-Free, 200 kbps	MAX202IDW	120 kbps	Q	SOIC	16
ADM232AARWZ	Analog Devices (ADI)	200 kb/s, Pb-Free	MAX232EIDW	120 kbps (comp 200 kbps)	Q	SOIC	16
ADM232AARWZ-REEL	Analog Devices (ADI)	Pb-Free, 200 kbps	MAX202IDW	120 kbps	Q	SOIC	16
ADM232AARWZ-REEL	Analog Devices (ADI)	200 kb/s, Pb-Free	MAX232EIDW	120 kbps (comp 200 kbps)	Q	SOIC	16
ADM232AARWZ-REEL7	Analog Devices (ADI)	Pb-Free, 200 kbps	MAX202IDW	120 kbps	Q	SOIC	16
ADM232AARWZ-REEL7	Analog Devices (ADI)	200 kb/s, Pb-Free	MAX232EIDW	120 kbps (comp 200 kbps)	Q	SOIC	16
ADM232LAN	Analog Devices (ADI)	Not IEC61000 ESD compliant	MAX232EIN	Higher lcc, IEC61000 ESD compliant	S	PDIP	16
ADM232LANZ	Analog Devices (ADI)	Pb-Free, Not IEC61000 ESD compliant	MAX232EIN	Higher lcc, IEC61000 ESD compliant	S	PDIP	16
ADM232LAR	Analog Devices (ADI)	Not IEC61000 ESD compliant	MAX232EIDW	Higher lcc, IEC61000 ESD compliant	S	SOIC	16
ADM232LAR-REEL	Analog Devices (ADI)	Not IEC61000 ESD compliant	MAX232EIDWR	Higher lcc, IEC61000 ESD compliant	S	SOIC	16
ADM232LARZ	Analog Devices (ADI)	Pb-Free, Not IEC61000 ESD compliant	MAX232EIDW	Higher lcc, IEC61000 ESD compliant	S	SOIC	16
ADM232LARZ-REEL	Analog Devices (ADI)	Pb-Free, Not IEC61000 ESD compliant	MAX232EIDWR	Higher lcc, IEC61000 ESD compliant	S	SOIC	16
ADM232LJN	Analog Devices (ADI)	Not IEC61000 ESD compliant	MAX232ECN	Higher lcc, IEC61000 ESD compliant	S	PDIP	16
ADM232LJNZ	Analog Devices (ADI)	Pb-Free, Not IEC61000 ESD compliant	MAX232ECN	Higher lcc, IEC61000 ESD compliant	S	PDIP	16
ADM232LJR	Analog Devices (ADI)	Not IEC61000 ESD compliant	MAX232ECDW	Higher lcc, IEC61000 ESD compliant	S	SOIC	16
ADM232LJR-REEL	Analog Devices (ADI)	Not IEC61000 ESD compliant	MAX232ECDWR	Higher lcc, IEC61000 ESD compliant	S	SOIC	16
ADM232LJRZ	Analog Devices (ADI)	Pb-Free, Not IEC61000 ESD compliant	MAX232ECDW	Higher lcc, IEC61000 ESD compliant	S	SOIC	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
ADM232LJRZ-REEL	Analog Devices (ADI)	Pb-Free, Not IEC61000 ESD compliant	MAX232ECDWR	Higher Icc, IEC61000 ESD compliant	S	SOIC	16
ADM3222ARS	Analog Devices (ADI)	460 kbps	SN65C3222EDB		Q	SSOP	20
ADM3222ARS-REEL	Analog Devices (ADI)	460 kbps	SN65C3222EDBR		Q	SSOP	20
ADM3222ARS-REEL7	Analog Devices (ADI)	460 kbps	SN65C3222EDBR		Q	SSOP	20
ADM3222ARSZ	Analog Devices (ADI)	Pb-Free, 460 kbps	SN65C3222EDB		S	SSOP	20
ADM3222ARSZ-REEL	Analog Devices (ADI)	Pb-Free, 460 kbps	SN65C3222EDBR		S	SSOP	20
ADM3222ARSZ-REEL7	Analog Devices (ADI)	Pb-Free, 460 kbps	SN65C3222EDBR		S	SSOP	20
ADM3222ARU	Analog Devices (ADI)	460 kbps	SN65C3222EPW		Q	TSSOP	20
ADM3222ARU-REEL	Analog Devices (ADI)	460 kbps	SN65C3222EPWR		S	TSSOP	20
ADM3222ARU-REEL7	Analog Devices (ADI)	460 kbps	SN65C3222EPWR		S	TSSOP	20
ADM3222ARUZ	Analog Devices (ADI)	Pb-Free, 460 kbps	SN65C3222EPW		S	TSSOP	20
ADM3222ARUZ-REEL	Analog Devices (ADI)	Pb-Free, 460 kbps	SN65C3222EPWR		S	TSSOP	20
ADM3222ARUZ-REEL7	Analog Devices (ADI)	Pb-Free, 460 kbps	SN65C3222EPWR		S	TSSOP	20
ADM3222ARW	Analog Devices (ADI)	460 kbps	SN65C3222EDW	500 kbps, 20 pin not 18 pin package	P	SOIC	18
ADM3222ARW-REEL	Analog Devices (ADI)	460 kbps	SN65C3222EDWR	500 kbps, 20 pin not 18 pin package	P	SOIC	18
ADM3222ARW-REEL7	Analog Devices (ADI)	460 kbps	SN65C3222EDWR	500 kbps, 20 pin not 18 pin package	P	SOIC	18
ADM3222ARWZ	Analog Devices (ADI)	Pb-Free, 460 kbps	SN65C3222EDW	500 kbps, 20 pin not 18 pin package	P	SOIC	18
ADM3222ARWZ-REEL	Analog Devices (ADI)	Pb-Free, 460 kbps	SN65C3222EDWR	500 kbps, 20 pin not 18 pin package	P	SOIC	18
ADM3222ARWZ-REEL7	Analog Devices (ADI)	Pb-Free, 460 kbps	SN65C3222EDWR	500 kbps, 20 pin not 18 pin package	P	SOIC	18
ADM3232EARN	Analog Devices (ADI)		MAX3232EID		Q	SOIC	16
ADM3232EARN	Analog Devices (ADI)		SN65C3232ED		S	SOIC	16
ADM3232EARN-REEL7	Analog Devices (ADI)		MAX3232EIDR		Q	SOIC	16
ADM3232EARN-REEL7	Analog Devices (ADI)		SN65C3232EDR		S	SOIC	16
ADM3232EARNZ	Analog Devices (ADI)	Pb-Free	MAX3232EID		Q	SOIC	16
ADM3232EARNZ	Analog Devices (ADI)	Pb-Free	SN65C3232ED		S	SOIC	16
ADM3232EARNZ-REEL7	Analog Devices (ADI)	Pb-Free	MAX3232EIDR		Q	SOIC	16
ADM3232EARNZ-REEL7	Analog Devices (ADI)	Pb-Free	SN65C3232EDR		S	SOIC	16
ADM3232EARU	Analog Devices (ADI)		MAX3232EIPW		Q	TSSOP	16
ADM3232EARU	Analog Devices (ADI)		SN65C3232EPW		S	TSSOP	16
ADM3232EARU-REEL7	Analog Devices (ADI)		MAX3232EIPWR		Q	TSSOP	16
ADM3232EARU-REEL7	Analog Devices (ADI)		SN65C3232EPWR		S	TSSOP	16
ADM3232EARUZ	Analog Devices (ADI)	Pb-Free	MAX3232EIPW		Q	TSSOP	16
ADM3232EARUZ	Analog Devices (ADI)	Pb-Free	SN65C3232EPW		S	TSSOP	16
ADM3232EARUZ-REEL7	Analog Devices (ADI)	Pb-Free	MAX3232EIPWR		Q	TSSOP	16
ADM3232EARUZ-REEL7	Analog Devices (ADI)	Pb-Free	SN65C3232EPWR		S	TSSOP	16
ADP3309ART-2.85-REEL	Analog Devices (ADI)	Iout differs	LP2985-28DBVR		Q	SOT-23	5
ADP3309ART-3.0-REEL	Analog Devices (ADI)		LP2985-30DBVR		S	SOT-23	5
ADP3309ART-3.3-REEL	Analog Devices (ADI)		LP2985-33DBVR	Also TPS76330DBVR	S	SOT-23	5
AN1431M	Matsushita (Panasonic)		TL431CPK		S	SSIP	3
APL431AACTR	Anpec Electronics Corporation		TL432BCDBZR	Also TL432BCDBZT	S	SOT-23	3
APL431AAC-TR	Anpec Electronics Corporation	IK, VKA differ	TL432BCDBZR		Q	SOT-23	3
APL431ADC	Anpec Electronics Corporation	VREF differs	TL431BCPKG3		S	SOT-89	3
APL431BACTR	Anpec Electronics Corporation		TL432ACDBZR	Also TL432ACDBZT	S	SOT-23	3
APL431BAC-TR	Anpec Electronics Corporation	IK, VKA differ	TL432ACDBZR		Q	SOT-23	3
APL431BAITR	Anpec Electronics Corporation		TL432AIDBZR	Also TL432AIDBZT	S	SOT-23	3
APL431BAI-TR	Anpec Electronics Corporation	IK, VKA differ	TL432AIDBZR		Q	SOT-23	3
APW34063JC-TU	Anpec Electronics Corporation		MC34063AP		S	PDIP	8
APW34063JC-TUL	Anpec Electronics Corporation	Pb-Free	MC34063AP		S	PDIP	8
APW34063KC-TR	Anpec Electronics Corporation		MC34063ADR		S	SOIC	8
APW34063KC-TRL	Anpec Electronics Corporation	Pb-Free	MC34063ADR		S	SOIC	8
APW34063KC-TU	Anpec Electronics Corporation		MC34063AD		S	SOIC	8
APW34063KC-TUL	Anpec Electronics Corporation	Pb-Free	MC34063AD		S	SOIC	8
AU211D	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM211QD		S	SOIC	8
AU211D-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM211QDR		S	SOIC	8
AZ431AK-ATR	Advanced Analog Circuits Corporation (AAC)	0.4%, 40V Vka MAX	TL431BQDBVR	0.5%, 37V Vka MAX	S	SOT-23	5
AZ431AK-ATRE1	Advanced Analog Circuits Corporation (AAC)	0.4%, 40V Vka MAX, Pb-Free	TL431BQDBVR	0.5%, 37V Vka MAX	S	SOT-23	5
AZ431AK-BTR	Advanced Analog Circuits Corporation (AAC)	0.4%, 20V Vka MAX	TL431BQDBVR	0.5%, 37V Vka MAX	S	SOT-23	5
AZ431AK-BTRE1	Advanced Analog Circuits Corporation (AAC)	0.4%, 20V Vka MAX, Pb-Free	TL431BQDBVR	0.5%, 37V Vka MAX	S	SOT-23	5
AZ431AM-A	Advanced Analog Circuits Corporation (AAC)	0.4%, 40V Vka MAX	TL431BQD	0.5%, 37V Vka MAX	S	SOIC	8

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

ADM232LJRZ-REEL — AZ431AM-A

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
AZ431AM-AE1	Advanced Analog Circuits Corporation (AAC)	0.4%, 40V Vka MAX, Pb-Free	TL431BQD	0.5%, 37V Vka MAX	S	SOIC	8
AZ431AM-ATR	Advanced Analog Circuits Corporation (AAC)	0.4%, 40V Vka MAX	TL431BQDR	0.5%, 37V Vka MAX	S	SOIC	8
AZ431AM-ATRE1	Advanced Analog Circuits Corporation (AAC)	0.4%, 40V Vka MAX, Pb-Free	TL431BQDR	0.5%, 37V Vka MAX	S	SOIC	8
AZ431AM-B	Advanced Analog Circuits Corporation (AAC)	0.4%, 20V Vka MAX	TL431BQD	0.5%, 37V Vka MAX	S	SOIC	8
AZ431AM-BE1	Advanced Analog Circuits Corporation (AAC)	0.4%, 20V Vka MAX, Pb-Free	TL431BQD	0.5%, 37V Vka MAX	S	SOIC	8
AZ431AM-BTR	Advanced Analog Circuits Corporation (AAC)	0.4%, 20V Vka MAX	TL431BQDR	0.5%, 37V Vka MAX	S	SOIC	8
AZ431AM-BTRE1	Advanced Analog Circuits Corporation (AAC)	0.4%, 20V Vka MAX, Pb-Free	TL431BQDR	0.5%, 37V Vka MAX	S	SOIC	8
AZ431AN-ATR	Advanced Analog Circuits Corporation (AAC)	0.4%, 40V Vka MAX	TL431BQDBZR	0.5%, 37V Vka MAX	S	SOT-23	3
AZ431AN-ATRE1	Advanced Analog Circuits Corporation (AAC)	0.4%, 40V Vka MAX, Pb-Free	TL431BQDBZR	0.5%, 37V Vka MAX	S	SOT-23	3
AZ431AN-BTR	Advanced Analog Circuits Corporation (AAC)	0.4%, 20V Vka MAX	TL431BQDBZR	0.5%, 37V Vka MAX	S	SOT-23	3
AZ431AN-BTRE1	Advanced Analog Circuits Corporation (AAC)	0.4%, 20V Vka MAX, Pb-Free	TL431BQDBZR	0.5%, 37V Vka MAX	S	SOT-23	3
AZ431AR-ATR	Advanced Analog Circuits Corporation (AAC)	VKA differs	TL431BQPKG3		S	SOT-89	3
AZ431AR-ATRE1	Advanced Analog Circuits Corporation (AAC)	VKA differs	TL431BQPKG3		S	SOT-89	3
AZ431AR-BTR	Advanced Analog Circuits Corporation (AAC)	VKA differs	TL431BQPKG3		S	SOT-89	3
AZ431AR-BTRE1	Advanced Analog Circuits Corporation (AAC)	VKA differs	TL431BQPKG3		S	SOT-89	3
AZ431AZ-A	Advanced Analog Circuits Corporation (AAC)	VKA differs	TL431BQLPE3		S	TO-92	3
AZ431AZ-AE1	Advanced Analog Circuits Corporation (AAC)	VKA differs	TL431BQLPE3		S	TO-92	3
AZ431AZ-ATR	Advanced Analog Circuits Corporation (AAC)	VKA differs	TL431BQLPME3		S	TO-92	3
AZ431AZ-ATRE1	Advanced Analog Circuits Corporation (AAC)	VKA differs	TL431BQLPME3		S	TO-92	3
AZ431AZ-B	Advanced Analog Circuits Corporation (AAC)	VKA differs	TL431BQLPE3		S	TO-92	3
AZ431AZ-BE1	Advanced Analog Circuits Corporation (AAC)	VKA differs	TL431BQLPE3		S	TO-92	3
AZ431AZ-BTR	Advanced Analog Circuits Corporation (AAC)	VKA differs	TL431BQLPME3		S	TO-92	3
AZ431AZ-BTRE1	Advanced Analog Circuits Corporation (AAC)	VKA differs	TL431BQLPME3		S	TO-92	3
AZ431BK-ATR	Advanced Analog Circuits Corporation (AAC)	0.8% , 40V Vka MAX	TL431AQDBVR	1%, 37V Vka MAX	S	SOT-23	5
AZ431BK-ATRE1	Advanced Analog Circuits Corporation (AAC)	0.8% , 40V Vka MAX, Pb-Free	TL431AQDBVR	1%, 37V Vka MAX	S	SOT-23	5
AZ431BK-BTR	Advanced Analog Circuits Corporation (AAC)	0.8% , 20V Vka MAX	TL431AQDBVR	1%, 37V Vka MAX	S	SOT-23	5
AZ431BK-BTRE1	Advanced Analog Circuits Corporation (AAC)	0.8% , 20V Vka MAX, Pb-Free	TL431AQDBVR	1%, 37V Vka MAX	S	SOT-23	5
AZ431BM-A	Advanced Analog Circuits Corporation (AAC)	0.8% , 40V Vka MAX	TL431BQD	0.5%, 37V Vka MAX	S	SOIC	8
AZ431BM-AE1	Advanced Analog Circuits Corporation (AAC)	0.8% , 40V Vka MAX, Pb-Free	TL431BQD	0.5%, 37V Vka MAX	S	SOIC	8
AZ431BM-ATR	Advanced Analog Circuits Corporation (AAC)	0.8% , 40V Vka MAX	TL431BQDR	0.5%, 37V Vka MAX	S	SOIC	8
AZ431BM-ATRE1	Advanced Analog Circuits Corporation (AAC)	0.8% , 40V Vka MAX, Pb-Free	TL431BQDR	0.5%, 37V Vka MAX	S	SOIC	8
AZ431BM-B	Advanced Analog Circuits Corporation (AAC)	0.8% , 20V Vka MAX	TL431BQD	0.5%, 37V Vka MAX	S	SOIC	8

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
AZ431BM-BE1	Advanced Analog Circuits Corporation (AAC)	0.8% , 20V Vka MAX, Pb-Free	TL431BQD	0.5%, 37V Vka MAX	S	SOIC	8
AZ431BM-BTR	Advanced Analog Circuits Corporation (AAC)	0.8% , 20V Vka MAX	TL431BQDR	0.5%, 37V Vka MAX	S	SOIC	8
AZ431BM-BTRE1	Advanced Analog Circuits Corporation (AAC)	0.8% , 20V Vka MAX, Pb-Free	TL431BQDR	0.5%, 37V Vka MAX	S	SOIC	8
AZ431BN-ATR	Advanced Analog Circuits Corporation (AAC)	0.8% , 40V Vka MAX	TL431AQDBZR	1%, 37V Vka MAX	S	SOT-23	3
AZ431BN-ATRE1	Advanced Analog Circuits Corporation (AAC)	0.8% , 40V Vka MAX, Pb-Free	TL431AQDBZR	1%, 37V Vka MAX	S	SOT-23	3
AZ431BN-BTR	Advanced Analog Circuits Corporation (AAC)	0.8% , 20V Vka MAX	TL431AQDBZR	1%, 37V Vka MAX	S	SOT-23	3
AZ431BN-BTRE1	Advanced Analog Circuits Corporation (AAC)	0.8% , 20V Vka MAX, Pb-Free	TL431AQDBZR	1%, 37V Vka MAX	S	SOT-23	3
AZ431BR-ATR	Advanced Analog Circuits Corporation (AAC)	VKA differs	TL431AQPKG3		S	SOT-89	3
AZ431BR-ATRE1	Advanced Analog Circuits Corporation (AAC)	VKA differs	TL431AQPKG3		S	SOT-89	3
AZ431BR-BTR	Advanced Analog Circuits Corporation (AAC)	VKA differs	TL431AQPKG3		S	SOT-89	3
AZ431BR-BTRE1	Advanced Analog Circuits Corporation (AAC)	VKA differs	TL431AQPKG3		S	SOT-89	3
AZ431BZ-A	Advanced Analog Circuits Corporation (AAC)	0.8% , 40V Vka MAX	TL431BQLP	0.5%, 37V Vka MAX	S	TO-92/TO-226	3
AZ431BZ-A	Advanced Analog Circuits Corporation (AAC)	VKA differs	TL431BQLPE3		S	TO-92	3
AZ431BZ-AE1	Advanced Analog Circuits Corporation (AAC)	0.8% , 40V Vka MAX, Pb-Free	TL431BQLP	0.5%, 37V Vka MAX	S	TO-92/TO-226	3
AZ431BZ-AE1	Advanced Analog Circuits Corporation (AAC)	VKA differs	TL431BQLPE3		S	TO-92	3
AZ431BZ-ATR	Advanced Analog Circuits Corporation (AAC)	0.8% , 40V Vka MAX	TL431BQLPM	0.5%, 37V Vka MAX	S	TO-92/TO-226	3
AZ431BZ-ATR	Advanced Analog Circuits Corporation (AAC)	VKA differs	TL431BQLPME3		S	TO-92	3
AZ431BZ-ATRE1	Advanced Analog Circuits Corporation (AAC)	0.8% , 40V Vka MAX, Pb-Free	TL431BQLPM	0.5%, 37V Vka MAX	S	TO-92/TO-226	3
AZ431BZ-ATRE1	Advanced Analog Circuits Corporation (AAC)	VKA differs	TL431BQLPME3		S	TO-92	3
AZ431BZ-B	Advanced Analog Circuits Corporation (AAC)	0.8% , 20V Vka MAX	TL431BQLP	0.5%, 37V Vka MAX	S	TO-92/TO-226	3
AZ431BZ-B	Advanced Analog Circuits Corporation (AAC)	VKA differs	TL431BQLPE3		S	TO-92	3
AZ431BZ-BE1	Advanced Analog Circuits Corporation (AAC)	0.8% , 20V Vka MAX, Pb-Free	TL431BQLP	0.5%, 37V Vka MAX	S	TO-92/TO-226	3
AZ431BZ-BE1	Advanced Analog Circuits Corporation (AAC)	VKA differs	TL431BQLPE3		S	TO-92	3
AZ431BZ-BTR	Advanced Analog Circuits Corporation (AAC)	0.8% , 20V Vka MAX	TL431BQLPM	0.5%, 37V Vka MAX	S	TO-92/TO-226	3
AZ431BZ-BTR	Advanced Analog Circuits Corporation (AAC)	VKA differs	TL431BQLPME3		S	TO-92	3
AZ431BZ-BTRE1	Advanced Analog Circuits Corporation (AAC)	0.8% , 20V Vka MAX, Pb-Free	TL431BQLPM	0.5%, 37V Vka MAX	S	TO-92/TO-226	3
AZ431BZ-BTRE1	Advanced Analog Circuits Corporation (AAC)	VKA differs	TL431BQLPME3		S	TO-92	3
AZ431LBZTR-TRE1	Advanced Analog Circuits Corporation (AAC)	1%, Pb-Free	TLV431AILPR		S	TO-92/TO-226	3
AZ4580M	Advanced Analog Circuits Corporation (AAC)		RC4580ID		S	SOIC	8
AZ4580P	Advanced Analog Circuits Corporation (AAC)		RC4580IP		S	PDIP	8
BA4560	Rohm Electronics		RC4560IP		S	PDIP	8
BA4560F	Rohm Electronics		RC4560ID		S	SOIC	8
BH162245ADGG	NXP Semiconductor		SN74ABTH162245DGGR		S	TSSOP	48
BH162245ADL	NXP Semiconductor		SN74ABTH162245DLR		S	SSOP	48

AZ431BM-BE1 — BH162245ADL

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
BH16245BDL	NXP Semiconductor		SN74ABTH16245DL		S	SSOP	48
BH16841ADL	NXP Semiconductor		SN74ABT16841DL		S	SSOP	56
BT16500CDGG	NXP Semiconductor		SN74ABT16500BDGGR		S	TSSOP	56
BT16500CDL	NXP Semiconductor		SN74ABT16500BDL		S	SSOP	56
BT16646DGG	NXP Semiconductor		SN74ABT16646DGGR		S	TSSOP	56
BT16646DL	NXP Semiconductor		SN74ABT16646DL		S	SSOP	56
BT16841ADL	NXP Semiconductor		SN74ABT16841DL		S	SSOP	56
BT16952DGG	NXP Semiconductor		SN74ABT16952DGGR		S	TSSOP	56
BT16952DL	NXP Semiconductor		SN74ABT16952DL		S	SSOP	56
CA0741E	Intersil	Inactive 09/01/06	UA741CP		S	PDIP	8
CA1458E	Intersil		MC1458P		S	PDIP	8
CAT9554WI-G	Catalyst Semiconductor	Green	PCA9554DB		S	SSOP	16
CAT9554WI-GT2	Catalyst Semiconductor	Green	PCA9554DBR		S	SSOP	16
CAT9554YI-G	Catalyst Semiconductor	Green	PCA9554PW		S	TSSOP	16
CAT9554YI-GT2	Catalyst Semiconductor	Green	PCA9554PWR		S	TSSOP	16
CD4001BCM	Fairchild Semiconductor		CD4001BM		S	SOIC	14
CD4001BCMCMX	Fairchild Semiconductor		CD4001BM96		S	SOIC	14
CD4001BCN	Fairchild Semiconductor		CD4001BE		S	PDIP	14
CD4001BCSJ	Fairchild Semiconductor		CD4001BNSR		S	SOP-EIAJ-II	14
CD4001BCSJX	Fairchild Semiconductor		CD4001BNSR		S	SOP-EIAJ-II	14
CD4001BDMSR	Intersil		CD4001BE		S	CDIP	
CD4007CM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4007UBM		S	SOIC	14
CD4007CMX	Fairchild Semiconductor	Discontinued PCN 20033403	CD4007UBM96		S	SOIC	14
CD4007CN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4007UBE		S	PDIP	14
CD40105BDMSR	Intersil		CD40105BE		S	CDIP	
CD40106BCMCMX	Fairchild Semiconductor		CD40106BM96		S	SOIC	14
CD40106BCN	Fairchild Semiconductor		CD40106BE		S	PDIP	14
CD40106BDMSR	Intersil		CD40106BE		S	CDIP	
CD40109BDMSR	Intersil		CD40109BE		S	CDIP	
CD4010CM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4010BM		S	SOIC	16
CD4010CMX	Fairchild Semiconductor	Discontinued PCN 20033403	CD4010BM96		S	SOIC	16
CD4010CN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4010BE		S	PDIP	16
CD4011BCM	Fairchild Semiconductor		CD4011BM		S	SOIC	14
CD4011BCMCMX	Fairchild Semiconductor		CD4011BM96		S	SOIC	14
CD4011BCMCMX	Fairchild Semiconductor	Vs differs	CD4011BMT		S	SOIC	14
CD4011BCN	Fairchild Semiconductor		CD4011BE		S	PDIP	14
CD4011BCNX	Fairchild Semiconductor	Vs differs	CD4011BE		S	PDIP	14
CD4011BCSJ	Fairchild Semiconductor		CD4011BNSR		S	SOP-EIAJ-II	14
CD4011BCSJX	Fairchild Semiconductor		CD4011BNSR		S	SOP-EIAJ-II	14
CD4013BCM	Fairchild Semiconductor		CD4013BM		S	SOIC	14
CD4013BCMCMX	Fairchild Semiconductor		CD4013BM96		S	SOIC	14
CD4013BCMCMX	Fairchild Semiconductor	tpd differs	CD4013BMT		S	SOIC	14
CD4013BCN	Fairchild Semiconductor		CD4013BE		S	PDIP	14
CD4013BCSJ	Fairchild Semiconductor		CD4013BNSR		S	SOP-EIAJ-II	14
CD4013BCSJX	Fairchild Semiconductor		CD4013BNSR		S	SOP-EIAJ-II	14
CD4013BDMSR	Intersil		CD4013BE		S	CDIP	
CD4014BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4014BM		S	SOIC	16
CD4014BCMCMX	Fairchild Semiconductor	Discontinued PCN 20033403	CD4014BM96		S	SOIC	16
CD4014BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4014BE		S	PDIP	16
CD4015BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4015BM		S	SOIC	16
CD4015BCMCMX	Fairchild Semiconductor	Discontinued PCN 20033403	CD4015BM96		S	SOIC	16
CD4015BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4015BE		S	PDIP	16
CD4015BDMSR	Intersil		CD4015BE		S	CDIP	
CD4016BCM	Fairchild Semiconductor		CD4016BM		S	SOIC	14
CD4016BCMCMX	Fairchild Semiconductor		CD4016BM96		S	SOIC	14
CD4016BCN	Fairchild Semiconductor		CD4016BE		S	PDIP	14
CD40174BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD40174BM		S	SOIC	16
CD40174BCMCMX	Fairchild Semiconductor	Discontinued PCN 20033403	CD40174BM96		S	SOIC	16
CD40174BCMCMX	Fairchild Semiconductor	tpd differs	CD40174BMT		S	SOIC	16
CD40174BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD40174BE		S	PDIP	16
CD40174BCN	National Semiconductor (NSC)		CD40174BE		S	PDIP	16
CD40174BDMSR	Intersil		CD40174BE		S	CDIP	
CD40174BHMD	Burlington Microelectronics		CD40174BE		S	DIP	
CD40175BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD40175BM		S	SOIC	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
CD40175BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD40175BM96		S	SOIC	16
CD40175BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD40175BE		S	PDIP	16
CD4017BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4017BM		S	SOIC	16
CD4017BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4017BM96		S	SOIC	16
CD4017BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4017BE		S	PDIP	16
CD4017BCSJ	Fairchild Semiconductor	Discontinued PCN 20033403	CD4017BNSR		S	SOP-EIAJ-II	16
CD4017BDMSR	Intersil		CD4017BE		S	CDIP	
CD40192BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD40192BE		S	PDIP	16
CD40193BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD40193BE		S	PDIP	16
CD40193BDMSR	Intersil		CD40193BE		S	CDIP	
CD4019BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4019BM		S	SOIC	16
CD4019BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4019BM96		S	SOIC	16
CD4019BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4019BE		S	PDIP	16
CD4020BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4020BE		S	PDIP	16
CD4020BDMSR	Intersil		CD4020BE		S	CDIP	
CD4021BCM	Fairchild Semiconductor		CD4021BM		S	SOIC	16
CD4021BCM	Fairchild Semiconductor		CD4021BM96		S	SOIC	16
CD4021BCN	Fairchild Semiconductor		CD4021BE		S	PDIP	16
CD4021BDMSR	Intersil		CD4021BE		S	CDIP	
CD4022BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4022BE		S	PDIP	16
CD4023BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4023BM		S	SOIC	14
CD4023BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4023BM96		S	SOIC	14
CD4023BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4023BE		S	PDIP	14
CD4023BCSJ	Fairchild Semiconductor	Discontinued PCN 20033403	CD4023BNSR		S	SOP-EIAJ-II	14
CD4023BCSJ	Fairchild Semiconductor	Discontinued PCN 20033403	CD4023BNSR		S	SOP-EIAJ-II	14
CD4023BDMSR	Intersil		CD4023BE		S	CDIP	
CD4024BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4024BM		S	SOIC	14
CD4024BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4024BM96		S	SOIC	14
CD4024BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4024BE		S	PDIP	14
CD4024BDMSR	Intersil		CD4024BE		S	CDIP	
CD4025BDMSR	Intersil		CD4025BE		S	CDIP	
CD4027BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4027BM		S	SOIC	16
CD4027BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4027BM96		S	SOIC	16
CD4027BCM	Fairchild Semiconductor	tpd differs	CD4027BMT		S	SOIC	16
CD4027BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4027BE		S	PDIP	16
CD4027BDMSR	Intersil		CD4027BE		S	CDIP	
CD4028BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4028BM		S	SOIC	16
CD4028BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4028BM96		S	SOIC	16
CD4028BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4028BE		S	PDIP	16
CD4029BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4029BE		S	PDIP	16
CD4029BCSJ	Fairchild Semiconductor	Discontinued PCN 20033403	CD4029BNSR		S	SOP-EIAJ-II	16
CD4029CWM	Fairchild Semiconductor	SOIC wide package	CD4029BM	SOIC narrow package	P	SOIC	16
CD4029BCWMX	Fairchild Semiconductor	SOIC wide package	CD4029BM96	SOIC narrow	P	SOIC	16
CD4029BDMSR	Intersil		8101602EA		S	CDIP	
CD4029BDMSR	Intersil		CD4029BE		S	CDIP	
CD4030BDMSR	Intersil		CD4030BE		S	CDIP	
CD4030CN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4030BE		S	PDIP	14
CD4030CSJ	Fairchild Semiconductor	Discontinued PCN 20033403	CD4030BNSR		S	SOP-EIAJ-II	14
CD4030CSJX	Fairchild Semiconductor	Discontinued PCN 20033403	CD4030BNSR		S	SOP-EIAJ-II	14
CD4040BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4040BM		S	SOIC	16
CD4040BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4040BM96		S	SOIC	16
CD4040BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4040BE		S	PDIP	16
CD4040BCSJ	Fairchild Semiconductor	Discontinued PCN 20033403	CD4040BNSR		S	SOP-EIAJ-II	16
CD4040BCSJX	Fairchild Semiconductor	Discontinued PCN 20033403	CD4040BNSR		S	SOP-EIAJ-II	16
CD4040BDMSR	Intersil		CD4040BE		S	CDIP	
CD4041UBDMSR	Intersil		CD4041UBE		S	CDIP	
CD4041UBHMD	Burlington Microelectronics		CD4041UBE		S	DIP	
CD4041UBMD	Burlington Microelectronics		CD4041UBE		S	DIP	
CD4042BDMSR	Intersil		CD4042BE		S	CDIP	
CD4043BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4043BD		S	SOIC	16
CD4043BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4043BDR		S	SOIC	16
CD4043BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4043BE		S	PDIP	16
CD4043BDMSR	Intersil		CD4043BE		S	CDIP	
CD4044BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4044BD		S	SOIC	16

CD40175BCM — CD4044BCM

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
CD4044BCMX	Fairchild Semiconductor	Discontinued PCN 20033403	CD4044BDR		S	SOIC	16
CD4044BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4044BE		S	PDIP	16
CD4046BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4046BE		S	PDIP	16
CD4046BDMSR	Intersil		CD4046BE		S	CDIP	
CD4047BCM	Fairchild Semiconductor		CD4047BM		S	SOIC	14
CD4047BCMX	Fairchild Semiconductor		CD4047BM96		S	SOIC	14
CD4047BCN	Fairchild Semiconductor		CD4047BE		S	PDIP	14
CD4049UBCM	Fairchild Semiconductor		CD4049UBD		S	SOIC	16
CD4049UBCMX	Fairchild Semiconductor		CD4049UBDR		S	SOIC	16
CD4049UBCN	Fairchild Semiconductor		CD4049UBE		S	PDIP	16
CD4049UBCSJ	Fairchild Semiconductor		CD4049UBNSR		S	SOP-EIAJ-II	16
CD4049UBCSJX	Fairchild Semiconductor		CD4049UBNSR		S	SOP-EIAJ-II	16
CD4049UBDMSR	Intersil		CD4049UBE		S	CDIP	
CD4050BCM	Fairchild Semiconductor		CD4050BD		S	SOIC	16
CD4050BCMX	Fairchild Semiconductor		CD4050BDR		S	SOIC	16
CD4050BCN	Fairchild Semiconductor		CD4050BE		S	PDIP	16
CD4050BCSJ	Fairchild Semiconductor		CD4050BNSR		S	SOP-EIAJ-II	16
CD4050BCSJX	Fairchild Semiconductor		CD4050BNSR		S	SOP-EIAJ-II	16
CD4050BDMSR	Intersil		CD4050BE		S	CDIP	
CD4051BCM	Fairchild Semiconductor		CD4051BM		S	SOIC	16
CD4051BCMTC	Fairchild Semiconductor		CD4051BPW		S	TSSOP	16
CD4051BCMTCX	Fairchild Semiconductor		CD4051BPWR		S	TSSOP	16
CD4051BCMX	Fairchild Semiconductor		CD4051BM96		S	SOIC	16
CD4051BCN	Fairchild Semiconductor		CD4051BE		S	PDIP	16
CD4051BCSJ	Fairchild Semiconductor		CD4051BNSR		S	SOP-EIAJ-II	16
CD4051BCSJX	Fairchild Semiconductor		CD4051BNSR		S	SOP-EIAJ-II	16
CD4051BDMSR	Intersil		CD4051BE		S	CDIP	
CD4052BCM	Fairchild Semiconductor		CD4052BM		S	SOIC	16
CD4052BCMX	Fairchild Semiconductor		CD4052BM96		S	SOIC	16
CD4052BCN	Fairchild Semiconductor		CD4052BE		S	PDIP	16
CD4052BCSJ	Fairchild Semiconductor		CD4052BNSR		S	SOP-EIAJ-II	16
CD4052BCSJX	Fairchild Semiconductor		CD4052BNSR		S	SOP-EIAJ-II	16
CD4052BDMSR	Intersil		7901502EA		S	CDIP	
CD4052BDMSR	Intersil		CD4052BE		S	CDIP	
CD4053BCM	Fairchild Semiconductor		CD4053BM		S	SOIC	16
CD4053BCMX	Fairchild Semiconductor		CD4053BM96		S	SOIC	16
CD4053BCN	Fairchild Semiconductor		CD4053BE		S	PDIP	16
CD4053BCSJ	Fairchild Semiconductor		CD4053BNSR		S	SOP-EIAJ-II	16
CD4053BCSJX	Fairchild Semiconductor		CD4053BNSR		S	SOP-EIAJ-II	16
CD4053BDMSR	Intersil		8101801EA		S	CDIP	
CD4053BDMSR	Intersil		CD4053BE		S	CDIP	
CD4060BCM	Fairchild Semiconductor		CD4060BM		S	SOIC	16
CD4060BCMX	Fairchild Semiconductor		CD4060BM96		S	SOIC	16
CD4060BCN	Fairchild Semiconductor		CD4060BE		S	PDIP	16
CD4060BDMSR	Intersil		CD4060BE		S	CDIP	
CD4060BMJ-MIL	National Semiconductor (NSC)		CD4060BE		S	CDIP	
CD4060BMN	National Semiconductor (NSC)		CD4060BE		S	PDIP	16
CD4060BMW	National Semiconductor (NSC)		CD4060BE		S	PDIP	16
CD4066BCM	Fairchild Semiconductor		CD4066BM		S	SOIC	14
CD4066BCMX	Fairchild Semiconductor		CD4066BM96		S	SOIC	14
CD4066BCN	Fairchild Semiconductor		CD4066BE		S	PDIP	14
CD4066BCSJ	Fairchild Semiconductor		CD4066BNSR		S	SOP-EIAJ-II	14
CD4066BCSJX	Fairchild Semiconductor		CD4066BNSR		S	SOP-EIAJ-II	14
CD4066BDMSR	Intersil		CD4066BE		S	CDIP	
CD4069UBCM	Fairchild Semiconductor		CD4069UBM		S	SOIC	14
CD4069UBCMX	Fairchild Semiconductor		CD4069UBM96		S	SOIC	14
CD4069UBCN	Fairchild Semiconductor		CD4069UBE		S	PDIP	14
CD4069UBCSJ	Fairchild Semiconductor		CD4069UBNSR		S	SOP	14
CD4069UBCSJX	Fairchild Semiconductor		CD4069UBNSR		S	SOP-EIAJ-II	14
CD4069UBDMSR	Intersil		CD4069UBE		S	CDIP	
CD4070BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4070BM		S	SOIC	14
CD4070BCMX	Fairchild Semiconductor	Discontinued PCN 20033403	CD4070BM96		S	SOIC	14
CD4070BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4070BE		S	PDIP	14
CD4070BDMSR	Intersil		CD4070BE		S	CDIP	

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
CD4071BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4071BM		S	SOIC	14
CD4071BCMXX	Fairchild Semiconductor	Discontinued PCN 20033403	CD4071BM96		S	SOIC	14
CD4071BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4071BE		S	PDIP	14
CD4071BDMSR	Intersil		CD4071BE		S	CDIP	
CD4076BDMSR	Intersil		CD4076BE		S	CDIP	
CD4078BDMSR	Intersil		7704402CA		S	CDIP	
CD4081BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4081BM		S	SOIC	14
CD4081BCMXX	Fairchild Semiconductor	Discontinued PCN 20033403	CD4081BM96		S	SOIC	14
CD4081BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4081BE		S	PDIP	14
CD4081BDMSR	Intersil		CD4069UBE		S	CDIP	
CD4093BCM	Fairchild Semiconductor		CD4093BM		S	SOIC	14
CD4093BCM96	Fairchild Semiconductor		CD4093BM96		S	SOIC	14
CD4093BCMXX	Fairchild Semiconductor		CD4093BM96		S	SOIC	14
CD4093BCN	Fairchild Semiconductor		CD4093BE		S	PDIP	14
CD4093BDMSR	Intersil		7704602CA		S	CDIP	
CD4093BDMSR	Intersil		CD4093BE		S	CDIP	
CD4094BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4094BE		S	PDIP	16
CD4094BDMSR	Intersil		7702501EA		S	CDIP	
CD4094BDMSR	Intersil		CD4094BE		S	CDIP	
CD4098BDMSR	Intersil		CD4098BE		S	CDIP	
CD4098BDMSR	Intersil		CD4098BFB		S	CDIP	
CD4099BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4099BE		S	PDIP	16
CD4099BDMSR	Intersil		CD4099BE		S	CDIP	
CD4503BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4503BM		S	SOIC	16
CD4503BCMXX	Fairchild Semiconductor	Discontinued PCN 20033403	CD4503BM96		S	SOIC	16
CD4503BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4503BE		S	PDIP	16
CD4503BDMSR	Intersil		CD4503BE		S	CDIP	
CD4504BDMSR	Intersil		CD4504BE		S	CDIP	
CD4511BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4511BE		S	PDIP	16
CD4512BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4512BM		S	SOIC	16
CD4512BCMXX	Fairchild Semiconductor	Discontinued PCN 20033403	CD4512BM96		S	SOIC	16
CD4512BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4512BE		S	PDIP	16
CD4512BDMSR	Intersil		CD4512BE		S	CDIP	
CD4514BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4514BE		S	PDIP	24
CD4514BCWM	Fairchild Semiconductor	Discontinued PCN 20033403	CD4514BM		S	SOIC	24
CD4514BCWMXX	Fairchild Semiconductor	Discontinued PCN 20033403	CD4514BM96		S	SOIC	24
CD4514BDMSR	Intersil		CD4514BE		S	CDIP	
CD4515BCN	Fairchild Semiconductor	Discontinued PCN 20033403	CD4515BE		S	PDIP	24
CD4515BCWM	Fairchild Semiconductor	Vs differs	CD4514BM		S	SOIC	24
CD4515BCWMXX	Fairchild Semiconductor	Vs differs	CD4514BM96		S	SOIC	24
CD4528BCM	Fairchild Semiconductor	Discontinued PCN 20033403	CD14538BM	Can also use CD4098BM	S	SOIC	16
CD4528BCMXX	Fairchild Semiconductor	Discontinued PCN 20033403	CD14538BM96	Can also use CD4098BM96	S	SOIC	16
CD4528BCN	Fairchild Semiconductor		CD4098BE	Can also use CD14538BE	S	PDIP	16
CD4538BCM	Fairchild Semiconductor		CD14538BM		S	SOIC	16
CD4538BCMXX	Fairchild Semiconductor		CD14538BM96		S	SOIC	16
CD4538BCN	Fairchild Semiconductor		CD14538BE		S	PDIP	16
CD4538BCWM	Fairchild Semiconductor	Wide SOIC	CD14538BM	Narrow SOIC	P	SOIC	16
CD4541BCN	Fairchild Semiconductor		CD4541BM		S	SOIC	14
CD4541BCMXX	Fairchild Semiconductor		CD4541BM96		S	SOIC	14
CD4541BCN	Fairchild Semiconductor		CD4541BE		S	PDIP	14
CD4555BDMSR	Intersil		7704701EA		S	CDIP	
CD4555BDMSR	Intersil		CD4555BE		S	CDIP	
CD4585BDMSR	Intersil		7703702EA		S	CDIP	
CD4585BDMSR	Intersil		CD4585BE		S	CDIP	
CD4724BCN	Fairchild Semiconductor		CD4724BE		S	PDIP	16
CD4724BMJ-MIL	National Semiconductor (NSC)	Discontinued	CD4724BE		S	CDIP	
CY74FCT157ATQCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT157ATQCT		S	QSOP	16
CY74FCT157ATQCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT157CTQCT		S	QSOP	16
CY74FCT157ATSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT157ATSOC		S	SOIC	16
CY74FCT157ATSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT157CTSOC		S	SOIC	16
CY74FCT157ATSOCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT157ATSOCT		S	SOIC	16
CY74FCT157ATSOCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT157CTSOCT		S	SOIC	16
CY74FCT157CTQCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT157ATQCT		S	QSOP	16
CY74FCT157CTQCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT157CTQCT		S	QSOP	16

CD4071 BCM — CY74FCT157CTQCT

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
CY74FCT157CTSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT157ATSOC		S	SOIC	16
CY74FCT157CTSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT157CTSOC		S	SOIC	16
CY74FCT157CTSOCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT157CTSOCT		S	SOIC	16
CY74FCT162240ATPVC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT162240CTPVC	Substitute C speed	S	SSOP	48
CY74FCT162240CTPVC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT162240CTPVC		S	SSOP	48
CY74FCT162240ETPVC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT162240CTPVC	E speed obsolete, Substitute C speed, tpd differs	Q	SSOP	48
CY74FCT162244ATPAC	Cypress Semiconductor	Acquired by Texas Instruments	74FCT162244ATPACT		S	TSSOP	48
CY74FCT162244CTPAC	Cypress Semiconductor	Acquired by Texas Instruments	74FCT162244CTPACT		S	TSSOP	48
CY74FCT162244TPAC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT162244TPACT		S	TSSOP	48
CY74FCT162244TPACT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT162244TPACT		S	TSSOP	48
CY74FCT162244TPVCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT162244TPVCT		S	SSOP	48
CY74FCT162373ATPAC	Cypress Semiconductor	Acquired by Texas Instruments	74FCT162373ATPACT		S	TSSOP	48
CY74FCT162373ATPVC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT162373ATPVC		S	SSOP	48
CY74FCT162373CTPACT	Cypress Semiconductor	Acquired by Texas Instruments	74FCT162373CTPACT		S	TSSOP	48
CY74FCT162373CTPVC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT162373CTPVC		S	SSOP	48
CY74FCT16240ATPVC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16240ATPVC		S	SSOP	48
CY74FCT16240ATPVCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16240ATPVCT		S	SSOP	48
CY74FCT16244ATPAC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16244ATPACT		S	TSSOP	48
CY74FCT16244ATPACT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16244ATPACT		S	TSSOP	48
CY74FCT16244ATPVCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16244ATPVCT		S	SSOP	48
CY74FCT16244CTPACT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16244CTPACT		S	TSSOP	48
CY74FCT16244CTPVCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16244CTPVCT		S	SSOP	48
CY74FCT16244ETPAC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16244CTPACT	E speed obsolete, Substitute C speed, tpd differs	Q	TSSOP	48
CY74FCT16244ETPACT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16244CTPACT	E speed obsolete, Substitute C speed, tpd differs	Q	TSSOP	48
CY74FCT16244ETPVCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16244CTPVCT	E speed obsolete, Substitute C speed, tpd differs	Q	SSOP	48
CY74FCT16244TPAC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16244TPACT		S	TSSOP	48
CY74FCT16244TPACT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16244TPACT		S	TSSOP	48
CY74FCT16244TPVCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16244TPVCT		S	SSOP	48
CY74FCT162500CTPVC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT162500ATPVC		S	SSOP	56
CY74FCT162500CTPVC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT162500CTPVC		S	SSOP	56
CY74FCT162827ATPAC	Cypress Semiconductor	Acquired by Texas Instruments	74FCT162827ATPACT		S	TSSOP	56
CY74FCT162827ATPVC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT162827ATPVC		S	SSOP	56
CY74FCT162827BPVCT	Cypress Semiconductor	Acquired by Texas Instruments	74FCT162827CTPACT	Substitute C speed	S	TSSOP	56
CY74FCT162827BTPVC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT162827BTPVC		S	SSOP	56
CY74FCT162827CTPAC	Cypress Semiconductor	Acquired by Texas Instruments	74FCT162827CTPACT		S	TSSOP	56
CY74FCT162827CTPVC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT162827BTPVC	Substitute B speed, tpd differs	Q	SSOP	56
CY74FCT162841CTPAC	Cypress Semiconductor	Acquired by Texas Instruments	74FCT162841CTPACT		S	TSSOP	56
CY74FCT162841CTPVC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT162841CTPVC		S	SSOP	56
CY74FCT16373ATPAC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16373ATPACT		S	TSSOP	48
CY74FCT16373ATPVC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16373ATPVC		S	SSOP	48
CY74FCT16373CTPAC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16373CTPACT		S	TSSOP	48
CY74FCT16373CTPVC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16373CTPVC		S	SSOP	48
CY74FCT16500ATPVC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16500CTPVC		S	SSOP	56
CY74FCT16500CTPVC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT162500CTPVC		S	SSOP	56
CY74FCT16500CTPVC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16500CTPVC		S	SSOP	56
CY74FCT16500CTPVCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16500CTPVCT		S	SSOP	56
CY74FCT16827ATPVC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16827ATPVC		S	SSOP	56
CY74FCT16827ATPVCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16827ATPVCT		S	SSOP	56
CY74FCT16827CTPAC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16827CTPACT		S	TSSOP	56
CY74FCT16827CTPACT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16827CTPACT		S	TSSOP	56
CY74FCT16827CTPVC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16827CTPVC		S	SSOP	56
CY74FCT16827CTPVCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16827CTPVCT		S	SSOP	56
CY74FCT16827ETPAC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16827CTPACT	E speed obsolete, Substitute C speed, tpd differs	Q	TSSOP	56
CY74FCT16827ETPACT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16827CTPACT	E speed obsolete, Substitute C speed, tpd differs	Q	TSSOP	56
CY74FCT16827ETPVC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16827CTPVC	E speed obsolete, Substitute C speed, tpd differs	Q	SSOP	56

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
CY74FCT16827ETPVCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16827CTPVCT	E speed obsolete, Substitute C speed, tpd differs	Q	SSOP	56
CY74FCT16841ATPVC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16841ATPVC		S	SSOP	56
CY74FCT16841CTPVC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT16841CTPVC		S	SSOP	56
CY74FCT2244ATQC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2244ATQCT		S	QSOP	20
CY74FCT2244ATQCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2244ATQCT		S	QSOP	20
CY74FCT2244ATSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2244ATSOC		S	SOIC	20
CY74FCT2244ATSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2244ATSOC		S	SOIC	20
CY74FCT2244CTQC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2244CTQCT		S	QSOP	20
CY74FCT2244CTSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2244CTSOC		S	SOIC	20
CY74FCT2244CTSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2244CTSOC		S	SOIC	20
CY74FCT2244CTSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2244CTSOC		S	SOIC	20
CY74FCT2373ATQC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2373ATQCT		S	QSOP	20
CY74FCT2373ATQCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2373ATQCT		S	QSOP	20
CY74FCT2373CTQC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2373CTQCT		S	QSOP	20
CY74FCT2373CTQCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2373CTQCT		S	QSOP	20
CY74FCT2373CTSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2373CTSOC		S	SOIC	20
CY74FCT2373TQC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2373TQCT		S	QSOP	20
CY74FCT244ATQC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT244ATQCT		S	QSOP	20
CY74FCT244ATQCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT244ATQCT		S	QSOP	20
CY74FCT244ATSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT244ATSOC		S	SOIC	20
CY74FCT244ATSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT244ATSOC		S	SOIC	20
CY74FCT244CTQC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT244CTQCT		S	QSOP	20
CY74FCT244CTQCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT244CTQCT		S	QSOP	20
CY74FCT244CTSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT244CTSOC		S	SOIC	20
CY74FCT244CTSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT244CTSOC		S	SOIC	20
CY74FCT2541ATQC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2541ATQCT		S	QSOP	20
CY74FCT2541ATQCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2541ATQCT		S	QSOP	20
CY74FCT2541ATSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2541ATSOC		S	SOIC	20
CY74FCT2541ATSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2541ATSOC		S	SOIC	20
CY74FCT2541ATSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2541ATSOC		S	SOIC	20
CY74FCT2541CTQC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2541CTQCT		S	QSOP	20
CY74FCT2541CTQCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2541CTQCT		S	QSOP	20
CY74FCT2541CTSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2541CTSOC		S	SOIC	20
CY74FCT2541CTSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2541CTSOC		S	SOIC	20
CY74FCT2573ATQC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2573ATQCT		S	QSOP	20
CY74FCT2573ATQCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2573ATQCT		S	QSOP	20
CY74FCT2573CTSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2573CTSOC		S	SOIC	20
CY74FCT2573TSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2573TSOC		S	SOIC	20
CY74FCT2827ATQC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2827ATQCT		S	QSOP	24
CY74FCT2827ATQCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2827ATQCT		S	QSOP	24
CY74FCT2827BTQC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2827CTQCT	Substitute C speed	S	QSOP	24
CY74FCT2827CTQC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2827CTQCT		S	QSOP	24
CY74FCT2827CTQCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT2827CTQCT		S	QSOP	24
CY74FCT373ATQC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT373ATQCT		S	QSOP	20
CY74FCT373ATQCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT373ATQCT		S	QSOP	20
CY74FCT373ATSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT373ATSOC		S	SOIC	20
CY74FCT373CTSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT373CTSOC		S	SOIC	20
CY74FCT373CTSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT373CTSOC		S	SOIC	20
CY74FCT573ATPC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT573ATPC		S	PDIP	20
CY74FCT573ATQC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT573ATQCT		S	QSOP	20
CY74FCT573TQC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT573TQCT		S	QSOP	20
CY74FCT573TSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT573TSOC		S	SOIC	20
CY74FCT827ATQC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT827ATQCT		S	QSOP	24
CY74FCT827ATQCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT827ATQCT		S	QSOP	24
CY74FCT827ATSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT827ATSOC		S	SOIC	24
CY74FCT827ATSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT827ATSOC		S	SOIC	24
CY74FCT827CTQC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT827CTQCT		S	QSOP	24
CY74FCT827CTQCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT827CTQCT		S	QSOP	24
CY74FCT827CTSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT827CTSOC		S	SOIC	24
CY74FCT827CTSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT827CTSOC		S	SOIC	24
CY74FCT841ATQC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT841ATQCT		S	SOIC	24
CY74FCT841ATSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT841ATSOC		S	SOIC	24
CY74FCT841ATSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT841ATSOC		S	SOIC	24
CY74FCT841CTQC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT841CTQCT		S	QSOP	24
CY74FCT841CTSOC	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT841CTSOC		S	SOIC	24

CY74FCT16827ETPVCT — CY74FCT841CTSOC

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
CY74FCT841CTSOCT	Cypress Semiconductor	Acquired by Texas Instruments	CY74FCT841CTSOCT		S	SOIC	24
DM7400M	Fairchild Semiconductor	Discontinued PCN 20033402	SN7400D		S	SOIC	14
DM7400MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN7400DR		S	SOIC	14
DM7400N	Fairchild Semiconductor	Discontinued PCN 20033402	SN7400N		S	PDIP	14
DM7402N	Fairchild Semiconductor	Discontinued PCN 20033402	SN7402N		S	PDIP	14
DM7404M	Fairchild Semiconductor	Discontinued PCN 20033402	SN7404D		S	SOIC	14
DM7404MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN7404D		S	SOIC	14
DM7404N	Fairchild Semiconductor	Discontinued PCN 20033402	SN7404N		S	PDIP	14
DM7405N	Fairchild Semiconductor	Discontinued PCN 20033402	SN7405N		S	PDIP	14
DM7406M	Fairchild Semiconductor	Discontinued PCN 20033402	SN7406D		S	SOIC	14
DM7406M	Fairchild Semiconductor		SN7416D		S	SOIC	14
DM7406MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN7406DR		S	SOIC	14
DM7406MX	Fairchild Semiconductor		SN7416DR		S	SOIC	14
DM7406N	Fairchild Semiconductor	Discontinued PCN 20033402	SN7406N		S	PDIP	14
DM7407M	Fairchild Semiconductor	Discontinued PCN 20033402	SN7407D		S	SOIC	14
DM7407MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN7407DR		S	SOIC	14
DM7407N	Fairchild Semiconductor	Discontinued PCN 20033402	SN7407N		S	PDIP	14
DM74121N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74121N		S	PDIP	14
DM74123N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74123N		S	PDIP	16
DM74145N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74145N		S	PDIP	16
DM7414N	Fairchild Semiconductor	Discontinued PCN 20033402	SN7414N		S	PDIP	14
DM74150N	Fairchild Semiconductor	Discontinued PCN 20033402, 0.6" wide package	SN74150N	0.6" wide package	S	PDIP	24
DM7416N	Fairchild Semiconductor	Discontinued PCN 20033402	SN7416N		S	PDIP	14
DM7417M	Fairchild Semiconductor	Discontinued PCN 20033402	SN7417D		S	SOIC	14
DM7417MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN7417DR		S	SOIC	14
DM7417N	Fairchild Semiconductor	Discontinued PCN 20033402	SN7417N		S	PDIP	14
DM7438M	Fairchild Semiconductor	Discontinued PCN 20033402	SN7438D		S	SOIC	14
DM7438MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN7438DR		S	SOIC	14
DM7438N	Fairchild Semiconductor	Discontinued PCN 20033402	SN7438N		S	PDIP	14
DM7438SJ	Fairchild Semiconductor	Discontinued PCN 20033402	SN7438NSR		S	SOP-EIAJ-II	14
DM7445N	Fairchild Semiconductor	Discontinued PCN 20033402	SN7445N		S	PDIP	16
DM7447AN	Fairchild Semiconductor	Discontinued PCN 20033402	SN7447AN		S	PDIP	16
DM7473N	Fairchild Semiconductor	tpd differs	SN74107N		S	PDIP	14
DM7473N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS73AN	SN7473 is obsolete, use SN74LS73A	Q	PDIP	14
DM74ALS00AM	Fairchild Semiconductor		SN74ALS00AD		S	SOIC	14
DM74ALS00AMX	Fairchild Semiconductor		SN74ALS00ADR		S	SOIC	14
DM74ALS00AN	Fairchild Semiconductor		SN74ALS00AN		S	PDIP	14
DM74ALS00ASJ	Fairchild Semiconductor		SN74ALS00ANSR		S	SOP-EIAJ-II	14
DM74ALS00ASJX	Fairchild Semiconductor		SN74ALS00ANSR		S	SOP-EIAJ-II	14
DM74ALS02M	Fairchild Semiconductor		SN74ALS02AD		S	SOIC	14
DM74ALS02MX	Fairchild Semiconductor		SN74ALS02ADR		S	SOIC	14
DM74ALS02N	Fairchild Semiconductor		SN74ALS02AN		S	PDIP	14
DM74ALS02SJ	Fairchild Semiconductor		SN74ALS02ANSR		S	SOP-EIAJ-II	14
DM74ALS02SJX	Fairchild Semiconductor		SN74ALS02ANSR		S	SOP-EIAJ-II	14
DM74ALS03BM	Fairchild Semiconductor		SN74ALS03BD		S	SOIC	14
DM74ALS03BMX	Fairchild Semiconductor		SN74ALS03BDR		S	SOIC	14
DM74ALS03BN	Fairchild Semiconductor		SN74ALS03BN		S	PDIP	14
DM74ALS04BM	Fairchild Semiconductor		SN74ALS04BD		S	SOIC	14
DM74ALS04BMX	Fairchild Semiconductor		SN74ALS04BDR		S	SOIC	14
DM74ALS04BN	Fairchild Semiconductor		SN74ALS04BN		S	PDIP	14
DM74ALS04BSJ	Fairchild Semiconductor		SN74ALS04BNSR		S	SOP	14
DM74ALS04BSJX	Fairchild Semiconductor		SN74ALS04BNSR		S	SOP-EIAJ-II	14
DM74ALS05AM	Fairchild Semiconductor		SN74ALS05AD		S	SOIC	14
DM74ALS05AMX	Fairchild Semiconductor		SN74ALS05ADR		S	SOIC	14
DM74ALS05AN	Fairchild Semiconductor		SN74ALS05AN		S	PDIP	14
DM74ALS08M	Fairchild Semiconductor		SN74ALS08D		S	SOIC	14
DM74ALS08MX	Fairchild Semiconductor		SN74ALS08DR		S	SOIC	14
DM74ALS08N	Fairchild Semiconductor		SN74ALS08N		S	PDIP	14
DM74ALS08SJ	Fairchild Semiconductor		SN74ALS08NSR		S	SOP-EIAJ-II	14
DM74ALS08SJX	Fairchild Semiconductor		SN74ALS08NSR		S	SOP-EIAJ-II	14
DM74ALS08SJX_NL	Fairchild Semiconductor	Pb-Free	SN74ALS08NSR		S	SOP-EIAJ-II	14
DM74ALS09M	Fairchild Semiconductor		SN74ALS09D		S	SOIC	14
DM74ALS09MX	Fairchild Semiconductor		SN74ALS09DR		S	SOIC	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
DM74ALS09N	Fairchild Semiconductor		SN74ALS09N		S	PDIP	14
DM74ALS1004M	Fairchild Semiconductor		SN74ALS1004D		S	SOIC	14
DM74ALS1004MX	Fairchild Semiconductor		SN74ALS1004DR		S	SOIC	14
DM74ALS1004N	Fairchild Semiconductor		SN74ALS1004N		S	PDIP	14
DM74ALS1005M	Fairchild Semiconductor		SN74ALS1005D		S	SOIC	14
DM74ALS1005MX	Fairchild Semiconductor		SN74ALS1005DR		S	SOIC	14
DM74ALS1005N	Fairchild Semiconductor		SN74ALS1005N		S	PDIP	14
DM74ALS1034M	Fairchild Semiconductor		SN74ALS1034D		S	SOIC	14
DM74ALS1034MX	Fairchild Semiconductor		SN74ALS1034DR		S	SOIC	14
DM74ALS1034N	Fairchild Semiconductor		SN74ALS1034N		S	PDIP	14
DM74ALS1035M	Fairchild Semiconductor		SN74ALS1035D		S	SOIC	14
DM74ALS1035MX	Fairchild Semiconductor		SN74ALS1035DR		S	SOIC	14
DM74ALS1035N	Fairchild Semiconductor		SN74ALS1035N		S	PDIP	14
DM74ALS109AM	Fairchild Semiconductor		SN74ALS109AD		S	SOIC	16
DM74ALS109AM	Fairchild Semiconductor		SN74ALS109ADE4		S	SOIC	16
DM74ALS109AMX	Fairchild Semiconductor		SN74ALS109ADR		S	SOIC	16
DM74ALS109AMX	Fairchild Semiconductor		SN74ALS109ADRE4		S	SOIC	16
DM74ALS109AN	Fairchild Semiconductor		SN74ALS109AN		S	PDIP	16
DM74ALS10AM	Fairchild Semiconductor		SN74ALS10AD		S	SOIC	14
DM74ALS10AMX	Fairchild Semiconductor		SN74ALS10ADR		S	SOIC	14
DM74ALS10AN	Fairchild Semiconductor		SN74ALS10AN		S	PDIP	14
DM74ALS10ASJ	Fairchild Semiconductor		SN74ALS10ANSR		S	SOP-EIAJ-II	14
DM74ALS10ASJX	Fairchild Semiconductor		SN74ALS10ANSR		S	SOP-EIAJ-II	14
DM74ALS11AM	Fairchild Semiconductor		SN74ALS11AD		S	SOIC	14
DM74ALS11AMX	Fairchild Semiconductor		SN74ALS11ADR		S	SOIC	14
DM74ALS11AN	Fairchild Semiconductor		SN74ALS11AN		S	PDIP	14
DM74ALS133M	Fairchild Semiconductor		SN74ALS133D		S	SOIC	16
DM74ALS133MX	Fairchild Semiconductor		SN74ALS133DR		S	SOIC	16
DM74ALS133N	Fairchild Semiconductor		SN74ALS133N		S	PDIP	16
DM74ALS137M	Fairchild Semiconductor		SN74ALS137AD		S	SOIC	16
DM74ALS137MX	Fairchild Semiconductor		SN74ALS137ADR		S	SOIC	16
DM74ALS137N	Fairchild Semiconductor		SN74ALS137AN		S	PDIP	16
DM74ALS138M	Fairchild Semiconductor		SN74ALS138AD		S	SOIC	16
DM74ALS138MX	Fairchild Semiconductor		SN74ALS138ADR		S	SOIC	16
DM74ALS138N	Fairchild Semiconductor		SN74ALS138AN		S	PDIP	16
DM74ALS138SJ	Fairchild Semiconductor		SN74ALS138ANSR		S	SOP	16
DM74ALS138SJX	Fairchild Semiconductor		SN74ALS138ANSR		S	SOP-EIAJ-II	16
DM74ALS151M	Fairchild Semiconductor		SN74ALS151D		S	SOIC	16
DM74ALS151MX	Fairchild Semiconductor		SN74ALS151DR		S	SOIC	16
DM74ALS151N	Fairchild Semiconductor		SN74ALS151N		S	PDIP	16
DM74ALS153M	Fairchild Semiconductor		SN74ALS153D		S	SOIC	16
DM74ALS153MX	Fairchild Semiconductor		SN74ALS153DR		S	SOIC	16
DM74ALS153N	Fairchild Semiconductor		SN74ALS153N		S	PDIP	16
DM74ALS153SJ	Fairchild Semiconductor		SN74ALS153NSR		S	SOP	16
DM74ALS153SJX	Fairchild Semiconductor		SN74ALS153NSR		S	SOP-EIAJ-II	16
DM74ALS153SJX NL	Fairchild Semiconductor	Pb-Free	SN74ALS153NSR		S	SOP-EIAJ-II	16
DM74ALS157M	Fairchild Semiconductor		SN74ALS157AD		S	SOIC	16
DM74ALS157MX	Fairchild Semiconductor		SN74ALS157ADR		S	SOIC	16
DM74ALS157N	Fairchild Semiconductor		SN74ALS157AN		S	PDIP	16
DM74ALS157SJ	Fairchild Semiconductor		SN74ALS157ANSR		S	SOP	16
DM74ALS157SJX	Fairchild Semiconductor		SN74ALS157ANSR		S	SOP-EIAJ-II	16
DM74ALS158N	Fairchild Semiconductor		SN74ALS158N		S	PDIP	16
DM74ALS161BM	Fairchild Semiconductor		SN74ALS161BD		S	SOIC	16
DM74ALS161BMX	Fairchild Semiconductor		SN74ALS161BDR		S	SOIC	16
DM74ALS161BN	Fairchild Semiconductor		SN74ALS161BN		S	PDIP	16
DM74ALS163BM	Fairchild Semiconductor		SN74ALS163BD		S	SOIC	16
DM74ALS163BMX	Fairchild Semiconductor		SN74ALS163BDR		S	SOIC	16
DM74ALS163BN	Fairchild Semiconductor		SN74ALS163BN		S	PDIP	16
DM74ALS165M	Fairchild Semiconductor		SN74ALS165D		S	SOIC	16
DM74ALS165MX	Fairchild Semiconductor		SN74ALS165DR		S	SOIC	16
DM74ALS165N	Fairchild Semiconductor		SN74ALS165N		S	PDIP	16
DM74ALS169BM	Fairchild Semiconductor		SN74ALS169BD		S	SOIC	16
DM74ALS169BMX	Fairchild Semiconductor		SN74ALS169BDR		S	SOIC	16
DM74ALS169BN	Fairchild Semiconductor		SN74ALS169BN		S	PDIP	16

DM74ALS09N — DM74ALS169BN

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
DM74ALS174M	Fairchild Semiconductor		SN74ALS174D		S	SOIC	16
DM74ALS174MX	Fairchild Semiconductor		SN74ALS174DR		S	SOIC	16
DM74ALS174N	Fairchild Semiconductor		SN74ALS174N		S	PDIP	16
DM74ALS174SJ	Fairchild Semiconductor		SN74ALS174NSR		S	SOP-EIAJ-II	16
DM74ALS174SJX	Fairchild Semiconductor		SN74ALS174NSR		S	SOP-EIAJ-II	16
DM74ALS175M	Fairchild Semiconductor		SN74ALS175D		S	SOIC	16
DM74ALS175MX	Fairchild Semiconductor		SN74ALS175DR		S	SOIC	16
DM74ALS175N	Fairchild Semiconductor		SN74ALS175N		S	PDIP	16
DM74ALS175SJ	Fairchild Semiconductor		SN74ALS175NSR		S	SOP-EIAJ-II	16
DM74ALS175SJX	Fairchild Semiconductor		SN74ALS175NSR		S	SOP-EIAJ-II	16
DM74ALS20AM	Fairchild Semiconductor		SN74ALS20AD		S	SOIC	14
DM74ALS20AMX	Fairchild Semiconductor		SN74ALS20ADR		S	SOIC	14
DM74ALS20AN	Fairchild Semiconductor		SN74ALS20AN		S	PDIP	14
DM74ALS21AM	Fairchild Semiconductor		SN74ALS21AD		S	SOIC	14
DM74ALS21AMX	Fairchild Semiconductor		SN74ALS21ADR		S	SOIC	14
DM74ALS21AN	Fairchild Semiconductor		SN74ALS21AN		S	PDIP	14
DM74ALS240AN	Fairchild Semiconductor		SN74ALS240AN		S	PDIP	20
DM74ALS240ASJ	Fairchild Semiconductor		SN74ALS240ANSR		S	SOP-EIAJ-II	20
DM74ALS240ASJX	Fairchild Semiconductor		SN74ALS240ANSR		S	SOP-EIAJ-II	20
DM74ALS240AWM	Fairchild Semiconductor		SN74ALS240ADW		S	SOIC	20
DM74ALS240AWMX	Fairchild Semiconductor		SN74ALS240ADWR		S	SOIC	20
DM74ALS241AN	Fairchild Semiconductor		SN74ALS241CN		S	PDIP	20
DM74ALS241AWM	Fairchild Semiconductor		SN74ALS241CDW		S	SOIC	20
DM74ALS241AWMX	Fairchild Semiconductor		SN74ALS241CDWR		S	SOIC	20
DM74ALS245AMSA	Fairchild Semiconductor		SN74ALS245ADBR		S	SSOP	20
DM74ALS245AMSAX	Fairchild Semiconductor		SN74ALS245ADBR		S	SSOP	20
DM74ALS245AN	Fairchild Semiconductor		SN74ALS245AN		S	PDIP	20
DM74ALS245ASJ	Fairchild Semiconductor		SN74ALS245ANSR		S	SOP	20
DM74ALS245ASJX	Fairchild Semiconductor		SN74ALS245ANSR		S	SOP-EIAJ-II	20
DM74ALS245ASJX_NL	Fairchild Semiconductor	Pb-Free	SN74ALS245ANSR		S	SOP-EIAJ-II	20
DM74ALS245AWM	Fairchild Semiconductor		SN74ALS245ADW		S	SOIC	20
DM74ALS245AWMX	Fairchild Semiconductor		SN74ALS245ADWR		S	SOIC	20
DM74ALS251M	Fairchild Semiconductor		SN74ALS251D		S	SOIC	16
DM74ALS251MX	Fairchild Semiconductor		SN74ALS251DR		S	SOIC	16
DM74ALS251N	Fairchild Semiconductor		SN74ALS251N		S	PDIP	16
DM74ALS251SJ	Fairchild Semiconductor		SN74ALS251NSR		S	SOP	16
DM74ALS251SJX	Fairchild Semiconductor		SN74ALS251NSR		S	SOP-EIAJ-II	16
DM74ALS253M	Fairchild Semiconductor		SN74ALS253D		S	SOIC	16
DM74ALS253MX	Fairchild Semiconductor		SN74ALS253DR		S	SOIC	16
DM74ALS253N	Fairchild Semiconductor		SN74ALS253N		S	PDIP	16
DM74ALS257M	Fairchild Semiconductor		SN74ALS257AD		S	SOIC	16
DM74ALS257MX	Fairchild Semiconductor		SN74ALS257ADR		S	SOIC	16
DM74ALS257N	Fairchild Semiconductor		SN74ALS257AN		S	PDIP	16
DM74ALS257SJ	Fairchild Semiconductor		SN74ALS257ANSR		S	SOP	16
DM74ALS257SJX	Fairchild Semiconductor		SN74ALS257ANSR		S	SOP-EIAJ-II	16
DM74ALS258M	Fairchild Semiconductor		SN74ALS258AD		S	SOIC	16
DM74ALS258MX	Fairchild Semiconductor		SN74ALS258ADR		S	SOIC	16
DM74ALS258N	Fairchild Semiconductor		SN74ALS258AN		S	PDIP	16
DM74ALS273N	Fairchild Semiconductor		SN74ALS273N		S	PDIP	20
DM74ALS273SJ	Fairchild Semiconductor		SN74ALS273NSR		S	SOP-EIAJ-II	20
DM74ALS273SJX	Fairchild Semiconductor		SN74ALS273NSR		S	SOP-EIAJ-II	20
DM74ALS273SJX_NL	Fairchild Semiconductor	Pb-Free	SN74ALS273NSR		S	SOP-EIAJ-II	20
DM74ALS273WMM	Fairchild Semiconductor		SN74ALS273DW		S	SOIC	20
DM74ALS273WMMX	Fairchild Semiconductor		SN74ALS273DWR		S	SOIC	20
DM74ALS27M	Fairchild Semiconductor		SN74ALS27AD		S	SOIC	14
DM74ALS27MX	Fairchild Semiconductor		SN74ALS27ADR		S	SOIC	14
DM74ALS27N	Fairchild Semiconductor		SN74ALS27AN		S	PDIP	14
DM74ALS30AM	Fairchild Semiconductor		SN74ALS30AD		S	SOIC	14
DM74ALS30AMX	Fairchild Semiconductor		SN74ALS30ADR		S	SOIC	14
DM74ALS30AN	Fairchild Semiconductor		SN74ALS30AN		S	PDIP	14
DM74ALS30ASJ	Fairchild Semiconductor		SN74ALS30ANSR		S	SOP-EIAJ-II	14
DM74ALS30ASJX	Fairchild Semiconductor		SN74ALS30ANSR		S	SOP-EIAJ-II	14
DM74ALS32M	Fairchild Semiconductor		SN74ALS32D		S	SOIC	14
DM74ALS32MX	Fairchild Semiconductor		SN74ALS32DR		S	SOIC	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
DM74ALS573BSJX	Fairchild Semiconductor		SN74ALS573CNSR		S	SOP-EIAJ-II	20
DM74ALS573BWM	Fairchild Semiconductor		SN74ALS573CDW		S	SOIC	20
DM74ALS573BWMX	Fairchild Semiconductor		SN74ALS573CDWR		S	SOIC	20
DM74ALS574AN	Fairchild Semiconductor		SN74ALS574BN		S	PDIP	20
DM74ALS574ASJ	Fairchild Semiconductor		SN74ALS574BNSR		S	SOP-EIAJ-II	20
DM74ALS574ASJX	Fairchild Semiconductor		SN74ALS574BNSR		S	SOP-EIAJ-II	20
DM74ALS574AWM	Fairchild Semiconductor		SN74ALS574BDW		S	SOIC	20
DM74ALS574AWM	Fairchild Semiconductor		SN74ALS574BDWE4		S	SOIC	20
DM74ALS574AWMX	Fairchild Semiconductor		SN74ALS574BDWR		S	SOIC	20
DM74ALS574AWMX	Fairchild Semiconductor		SN74ALS574BDWRE4		S	SOIC	20
DM74ALS576AN	Fairchild Semiconductor		SN74ALS576BN		S	PDIP	20
DM74ALS576AWM	Fairchild Semiconductor		SN74ALS576BDW		S	SOIC	20
DM74ALS576AWM	Fairchild Semiconductor		SN74ALS576BNSR		S	SOIC	20
DM74ALS576AWMX	Fairchild Semiconductor		SN74ALS576BDWR		S	SOIC	20
DM74ALS576AWMX	Fairchild Semiconductor		SN74ALS576BNSR		S	SOIC	20
DM74ALS580AN	Fairchild Semiconductor		SN74ALS580BN		S	PDIP	20
DM74ALS580AWM	Fairchild Semiconductor		SN74ALS580BDW		S	SOIC	20
DM74ALS580AWMX	Fairchild Semiconductor		SN74ALS580BDWR		S	SOIC	20
DM74ALS640AN	Fairchild Semiconductor		SN74ALS640BN		S	PDIP	20
DM74ALS640AWM	Fairchild Semiconductor		SN74ALS640BDW		S	SOIC	20
DM74ALS640AWMX	Fairchild Semiconductor		SN74ALS640BDWR		S	SOIC	20
DM74ALS645AN	Fairchild Semiconductor	Pb-Free	SN74ALS645AN		S	PDIP	20
DM74ALS645AWM	Fairchild Semiconductor	Pb-Free	SN74ALS645ADW		S	SOIC	20
DM74ALS645AWMX	Fairchild Semiconductor	Pb-Free	SN74ALS645ADWR		S	SOIC	20
DM74ALS646NT	Fairchild Semiconductor		SN74ALS646ANT		S	PDIP	24
DM74ALS646WMM	Fairchild Semiconductor		SN74ALS646ADW		S	SOIC	24
DM74ALS646WMMX	Fairchild Semiconductor		SN74ALS646ADWR		S	SOIC	24
DM74ALS646WMMX_NL	Fairchild Semiconductor	Pb-Free	SN74ALS646ADWR		S	SOIC	24
DM74ALS74AM	Fairchild Semiconductor		SN74ALS74AD		S	SOIC	14
DM74ALS74AM	Fairchild Semiconductor		SN74ALS74ADE4		S	SOIC	14
DM74ALS74AM_NL	Fairchild Semiconductor		SN74ALS74ADE4		S	SOIC	14
DM74ALS74AMX	Fairchild Semiconductor		SN74ALS74ADR		S	SOIC	14
DM74ALS74AMX	Fairchild Semiconductor		SN74ALS74ADRE4		S	SOIC	14
DM74ALS74AMX_NL	Fairchild Semiconductor		SN74ALS74ADRE4		S	SOIC	14
DM74ALS74AN	Fairchild Semiconductor		SN74ALS74AN		S	PDIP	14
DM74ALS74ASJ	Fairchild Semiconductor		SN74ALS74ANSR		S	SOP-EIAJ-II	14
DM74ALS74ASJX	Fairchild Semiconductor		SN74ALS74ANSR		S	SOP-EIAJ-II	14
DM74ALS804AN	Fairchild Semiconductor		SN74ALS804AN		S	PDIP	20
DM74ALS804AWM	Fairchild Semiconductor		SN74ALS804ADW		S	SOIC	20
DM74ALS804AWMX	Fairchild Semiconductor		SN74ALS804ADWR		S	SOIC	20
DM74ALS86M	Fairchild Semiconductor		SN74ALS86D		S	SOIC	14
DM74ALS86MX	Fairchild Semiconductor		SN74ALS86DR		S	SOIC	14
DM74ALS86N	Fairchild Semiconductor		SN74ALS86N		S	PDIP	14
DM74ALS874BNT	Fairchild Semiconductor		SN74ALS874BNT		S	PDIP	24
DM74ALS874BWM	Fairchild Semiconductor		SN74ALS874BDW		S	SOIC	24
DM74ALS874BWM	Fairchild Semiconductor		SN74ALS874BDWE4		S	SOIC	24
DM74ALS874BWMX	Fairchild Semiconductor		SN74ALS874BDWR		S	SOIC	24
DM74ALS874BWMX	Fairchild Semiconductor		SN74ALS874BDWRE4		S	SOIC	24
DM74AS00M	Fairchild Semiconductor		SN74AS00D		S	SOIC	14
DM74AS00MX	Fairchild Semiconductor		SN74AS00DR		S	SOIC	14
DM74AS00N	Fairchild Semiconductor		SN74AS00N		S	PDIP	14
DM74AS04M	Fairchild Semiconductor		SN74AS04D		S	SOIC	14
DM74AS04MX	Fairchild Semiconductor		SN74AS04DR		S	SOIC	14
DM74AS04MX_NL	Fairchild Semiconductor	Pb-Free	SN74AS04DR		S	SOIC	14
DM74AS04N	Fairchild Semiconductor		SN74AS04N		S	PDIP	14
DM74AS04SJ	Fairchild Semiconductor		SN74AS04NSR		S	SOP	14
DM74AS04SJX	Fairchild Semiconductor		SN74AS04NSR		S	SOP-EIAJ-II	14
DM74AS08M	Fairchild Semiconductor		SN74AS08D		S	SOIC	14
DM74AS08MX	Fairchild Semiconductor		SN74AS08DR		S	SOIC	14
DM74AS08N	Fairchild Semiconductor		SN74AS08N		S	PDIP	14
DM74AS1000AM	Fairchild Semiconductor		SN74AS1000AD		S	SOIC	14
DM74AS1000AMX	Fairchild Semiconductor		SN74AS1000ADR		S	SOIC	14
DM74AS1000AN	Fairchild Semiconductor		SN74AS1000AN		S	PDIP	14
DM74AS1004AM	Fairchild Semiconductor		SN74AS1004AD		S	SOIC	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
DM74AS1004AMX	Fairchild Semiconductor		SN74AS1004ADR		S	SOIC	14
DM74AS1004AN	Fairchild Semiconductor		SN74AS1004AN		S	PDIP	14
DM74AS1032AM	Fairchild Semiconductor		SN74AS1032AD		S	SOIC	14
DM74AS1032AMX	Fairchild Semiconductor		SN74AS1032ADR		S	SOIC	14
DM74AS1032AN	Fairchild Semiconductor		SN74AS1032AN		S	PDIP	14
DM74AS1034AM	Fairchild Semiconductor		SN74AS1034AD		S	SOIC	14
DM74AS1034AMX	Fairchild Semiconductor		SN74AS1034ADR		S	SOIC	14
DM74AS1034AN	Fairchild Semiconductor		SN74AS1034AN		S	PDIP	14
DM74AS10M	Fairchild Semiconductor		SN74AS10D		S	SOIC	14
DM74AS10MX	Fairchild Semiconductor		SN74AS10DR		S	SOIC	14
DM74AS10N	Fairchild Semiconductor		SN74AS10N		S	PDIP	14
DM74AS157M	Fairchild Semiconductor		SN74AS157D		S	SOIC	16
DM74AS157MX	Fairchild Semiconductor		SN74AS157DR		S	SOIC	16
DM74AS157N	Fairchild Semiconductor		SN74AS157N		S	PDIP	16
DM74AS157SJ	Fairchild Semiconductor		SN74AS157NSR		S	SOP	16
DM74AS157SJX	Fairchild Semiconductor		SN74AS157NSR		S	SOP-EIAJ-II	16
DM74AS158M	Fairchild Semiconductor		SN74AS158D		S	SOIC	16
DM74AS158MX	Fairchild Semiconductor		SN74AS158DR		S	SOIC	16
DM74AS158N	Fairchild Semiconductor		SN74AS158N		S	PDIP	16
DM74AS161M	Fairchild Semiconductor		SN74AS161D		S	SOIC	16
DM74AS161N	Fairchild Semiconductor		SN74AS161N		S	PDIP	16
DM74AS163M	Fairchild Semiconductor		SN74AS163D		S	SOIC	16
DM74AS163MX	Fairchild Semiconductor		SN74AS163DR		S	SOIC	16
DM74AS163N	Fairchild Semiconductor		SN74AS163N		S	PDIP	16
DM74AS169AM	Fairchild Semiconductor		SN74AS169AD		S	SOIC	16
DM74AS169AMX	Fairchild Semiconductor		SN74AS169ADR		S	SOIC	16
DM74AS169AN	Fairchild Semiconductor		SN74AS169AN		S	PDIP	16
DM74AS21M	Fairchild Semiconductor		SN74AS21D		S	SOIC	14
DM74AS21MX	Fairchild Semiconductor		SN74AS21DR		S	SOIC	14
DM74AS21N	Fairchild Semiconductor		SN74AS21N		S	PDIP	14
DM74AS240N	Fairchild Semiconductor		SN74AS240AN		S	PDIP	20
DM74AS240WM	Fairchild Semiconductor		SN74AS240ADW		S	SOIC	20
DM74AS240WMX	Fairchild Semiconductor		SN74AS240ADWR		S	SOIC	20
DM74AS244N	Fairchild Semiconductor		SN74AS244AN		S	PDIP	20
DM74AS244N	Fairchild Semiconductor	tpd differs	SN74AS760N		S	PDIP	20
DM74AS244SJ	Fairchild Semiconductor		SN74AS244ANSR		S	SOP-EIAJ-II	20
DM74AS244SJX	Fairchild Semiconductor		SN74AS244ANSR		S	SOP-EIAJ-II	20
DM74AS244WM	Fairchild Semiconductor		SN74AS244ADW		S	SOIC	20
DM74AS244WM	Fairchild Semiconductor	tpd differs	SN74AS760DW		S	SOIC	20
DM74AS244WMX	Fairchild Semiconductor		SN74AS244ADWR		S	SOIC	20
DM74AS244WMX	Fairchild Semiconductor	tpd differs	SN74AS760DWR		S	SOIC	20
DM74AS245N	Fairchild Semiconductor		SN74AS245N		S	PDIP	20
DM74AS245SJ	Fairchild Semiconductor	tpd differs	SN74AS245NSR		S	SOP	20
DM74AS245SJX	Fairchild Semiconductor		SN74AS245NSR		S	SOP-EIAJ-II	20
DM74AS245WM	Fairchild Semiconductor		SN74AS245DW		S	SOIC	20
DM74AS245WMX	Fairchild Semiconductor		SN74AS245DWR		S	SOIC	20
DM74AS257M	Fairchild Semiconductor		SN74AS257D		S	SOIC	16
DM74AS257MX	Fairchild Semiconductor		SN74AS257DR		S	SOIC	16
DM74AS257N	Fairchild Semiconductor		SN74AS257N		S	PDIP	16
DM74AS257SJ	Fairchild Semiconductor		SN74AS257NSR		S	SOP	16
DM74AS257SJX	Fairchild Semiconductor		SN74AS257NSR		S	SOP-EIAJ-II	16
DM74AS258M	Fairchild Semiconductor		SN74AS258D		S	SOIC	16
DM74AS258MX	Fairchild Semiconductor		SN74AS258DR		S	SOIC	16
DM74AS258N	Fairchild Semiconductor		SN74AS258N		S	PDIP	16
DM74AS27M	Fairchild Semiconductor		SN74AS27D		S	SOIC	14
DM74AS27MX	Fairchild Semiconductor		SN74AS27DR		S	SOIC	14
DM74AS27N	Fairchild Semiconductor		SN74AS27N		S	PDIP	14
DM74AS280M	Fairchild Semiconductor		SN74AS280D		S	SOIC	14
DM74AS280MX	Fairchild Semiconductor		SN74AS280DR		S	SOIC	14
DM74AS280N	Fairchild Semiconductor		SN74AS280N		S	PDIP	14
DM74AS286M	Fairchild Semiconductor		SN74AS286D		S	SOIC	14
DM74AS286MX	Fairchild Semiconductor		SN74AS286DR		S	SOIC	14
DM74AS286N	Fairchild Semiconductor	Not Recommended for New Designs	SN74AS286N		S	PDIP	14
DM74AS30M	Fairchild Semiconductor		SN74AS30D		S	SOIC	14

DM74AS1004AMX — DM74AS30M

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
DM74AS30MX	Fairchild Semiconductor		SN74AS30DR		S	SOIC	14
DM74AS30N	Fairchild Semiconductor		SN74AS30N		S	PDIP	14
DM74AS32M	Fairchild Semiconductor		SN74AS32D		S	SOIC	14
DM74AS32MX	Fairchild Semiconductor		SN74AS32DR		S	SOIC	14
DM74AS32N	Fairchild Semiconductor		SN74AS32N		S	PDIP	14
DM74AS32SJ	Fairchild Semiconductor		SN74AS32NSR		S	SOP-EIAJ-II	14
DM74AS32SXX	Fairchild Semiconductor		SN74AS32NSR		S	SOP-EIAJ-II	14
DM74AS373N	Fairchild Semiconductor		SN74AS373N		S	PDIP	20
DM74AS373WM	Fairchild Semiconductor		SN74AS373DW		S	SOIC	20
DM74AS373WMX	Fairchild Semiconductor		SN74AS373DWR		S	SOIC	20
DM74AS374N	Fairchild Semiconductor		SN74AS374N		S	PDIP	20
DM74AS374NX	Fairchild Semiconductor		SN74AS574N		S	PDIP	20
DM74AS374WM	Fairchild Semiconductor		SN74AS374DW		S	SOIC	20
DM74AS374WMX	Fairchild Semiconductor		SN74AS374DWR		S	SOIC	20
DM74AS374WMX	Fairchild Semiconductor		SN74AS374DWRE4		S	SOIC	20
DM74AS573N	Fairchild Semiconductor		SN74AS573AN		S	PDIP	20
DM74AS573WM	Fairchild Semiconductor		SN74AS573ADW		S	SOIC	20
DM74AS573WMX	Fairchild Semiconductor		SN74AS573ADWR		S	SOIC	20
DM74AS574N	Fairchild Semiconductor		SN74AS574N		S	PDIP	20
DM74AS574NX	Fairchild Semiconductor		SN74AS574N		S	PDIP	20
DM74AS574WM	Fairchild Semiconductor		SN74AS574DW		S	SOIC	20
DM74AS574WM	Fairchild Semiconductor		SN74AS574DWE4		S	SOIC	20
DM74AS574WMX	Fairchild Semiconductor		SN74AS574DWR		S	SOIC	20
DM74AS574WMX	Fairchild Semiconductor		SN74AS574DWRE4		S	SOIC	20
DM74AS640N	Fairchild Semiconductor		SN74AS640N		S	PDIP	20
DM74AS640WM	Fairchild Semiconductor	Discontinued	SN74AS640DW		S	SOIC	20
DM74AS640WMX	Fairchild Semiconductor		SN74AS640DWR		S	SOIC	20
DM74AS646NT	Fairchild Semiconductor		SN74AS646NT		S	PDIP	24
DM74AS646WM	Fairchild Semiconductor		SN74AS646DW		S	SOIC	24
DM74AS646WMX	Fairchild Semiconductor		SN74AS646DWR		S	SOIC	24
DM74AS648NT	Fairchild Semiconductor		SN74AS648NT		S	PDIP	24
DM74AS648WM	Fairchild Semiconductor		SN74AS648DW		S	SOIC	24
DM74AS648WMX	Fairchild Semiconductor		SN74AS648DWR		S	SOIC	24
DM74AS652NT	Fairchild Semiconductor		SN74AS652NT		S	PDIP	24
DM74AS652WM	Fairchild Semiconductor		SN74AS652DW		S	SOIC	24
DM74AS652WMX	Fairchild Semiconductor		SN74AS652DWR		S	SOIC	24
DM74AS74M	Fairchild Semiconductor		SN74AS74AD		S	SOIC	14
DM74AS74MX	Fairchild Semiconductor		SN74AS74ADR		S	SOIC	14
DM74AS74MX	Fairchild Semiconductor		SN74AS74ADRE4		S	SOIC	14
DM74AS74N	Fairchild Semiconductor		SN74AS74AN		S	PDIP	14
DM74AS74SJ	Fairchild Semiconductor		SN74AS74ANSR		S	SOP-EIAJ-II	14
DM74AS74SXX	Fairchild Semiconductor		SN74AS74ANSR		S	SOP-EIAJ-II	14
DM74AS74SXX	Fairchild Semiconductor		SN74AS74ANSRE4		S	SOP-EIAJ-II	14
DM74AS74SXX	Fairchild Semiconductor		SN74AS74ANSRE4		S	SOP-EIAJ-II	14
DM74AS804BN	Fairchild Semiconductor		SN74AS804BN		S	PDIP	20
DM74AS804BWM	Fairchild Semiconductor		SN74AS804BDW		S	SOIC	20
DM74AS804BWMX	Fairchild Semiconductor		SN74AS804BDWR		S	SOIC	20
DM74AS805BN	Fairchild Semiconductor		SN74AS805BN		S	PDIP	20
DM74AS805BWM	Fairchild Semiconductor		SN74AS805BDW		S	SOIC	20
DM74AS874NT	Fairchild Semiconductor		SN74AS874NT		S	PDIP	24
DM74AS874WM	Fairchild Semiconductor		SN74AS874DW		S	SOIC	24
DM74AS874WMX	Fairchild Semiconductor		SN74AS874DWR		S	SOIC	24
DM74LS00M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS00D		S	SOIC	14
DM74LS00MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS00DR		S	SOIC	14
DM74LS00N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS00N		S	PDIP	14
DM74LS00SX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS00NSR		S	SOP-EIAJ-II	14
DM74LS00SX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS00NSR		S	SOP-EIAJ-II	14
DM74LS02M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS02D		S	SOIC	14
DM74LS02MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS02DR		S	SOIC	14
DM74LS02N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS02N		S	PDIP	14
DM74LS02SJ	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS02NSR		S	SOP-EIAJ-II	14
DM74LS02SXX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS02NSR		S	SOP-EIAJ-II	14
DM74LS03M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS03D		S	SOIC	14
DM74LS03MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS03DR		S	SOIC	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
DM74LS03N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS03N		S	PDIP	14
DM74LS04M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS04D		S	SOIC	14
DM74LS04MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS04DR		S	SOIC	14
DM74LS04N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS04N		S	PDIP	14
DM74LS04SJ	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS04NSR		S	SOP	14
DM74LS04SJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS04NSR		S	SOP-EIAJ-II	14
DM74LS05M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS05D		S	SOIC	14
DM74LS05MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS05DR		S	SOIC	14
DM74LS05N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS05N		S	PDIP	14
DM74LS05SJ	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS05NSR		S	SOP-EIAJ-II	14
DM74LS05SJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS05NSR		S	SOP-EIAJ-II	14
DM74LS08M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS08D		S	SOIC	14
DM74LS08M	National Semiconductor (NSC)	Discontinued	SN74LS08D		S	SOIC	14
DM74LS08MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS08DR		S	SOIC	14
DM74LS08N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS08N		S	PDIP	14
DM74LS08N	National Semiconductor (NSC)	Discontinued	SN74LS08N		S	PDIP	14
DM74LS08SJ	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS08NSR		S	SOP-EIAJ-II	14
DM74LS08SJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS08NSR		S	SOP-EIAJ-II	14
DM74LS09M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS09D		S	SOIC	14
DM74LS09MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS09DR		S	SOIC	14
DM74LS09N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS09N		S	PDIP	14
DM74LS109AM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS109AD		S	SOIC	16
DM74LS109AM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS109ADE4		S	SOIC	16
DM74LS109AMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS109ADR		S	SOIC	16
DM74LS109AMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS109ADRE4		S	SOIC	16
DM74LS109AN	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS109AN		S	PDIP	16
DM74LS10M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS10D		S	SOIC	14
DM74LS10MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS10DR		S	SOIC	14
DM74LS10N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS10N		S	PDIP	14
DM74LS112AM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS112AD		S	SOIC	16
DM74LS112AM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS112ADE4		S	SOIC	16
DM74LS112AMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS112ADR		S	SOIC	16
DM74LS112AMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS112ADRE4		S	SOIC	16
DM74LS112AN	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS112AN		S	PDIP	16
DM74LS11M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS11D		S	SOIC	14
DM74LS11MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS11DR		S	SOIC	14
DM74LS11N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS11N		S	PDIP	14
DM74LS123M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS123D		S	SOIC	16
DM74LS123MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS123DR		S	SOIC	16
DM74LS123N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS123N		S	PDIP	16
DM74LS123SJ	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS123NSR		S	SOP	16
DM74LS123SJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS123NSR		S	SOP-EIAJ-II	16
DM74LS125AM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS125AD		S	SOIC	14
DM74LS125AMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS125ADR		S	SOIC	14
DM74LS125AN	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS125AN		S	PDIP	14
DM74LS125ASJ	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS125ANSR		S	SOP-EIAJ-II	14
DM74LS125ASJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS125ANSR		S	SOP-EIAJ-II	14
DM74LS126AM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS126AD		S	SOIC	14
DM74LS126AMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS126ADR		S	SOIC	14
DM74LS126AN	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS126AN		S	PDIP	14
DM74LS132M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS132D		S	SOIC	14
DM74LS132M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS132DE4		S	SOIC	14
DM74LS132MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS132DR		S	SOIC	14
DM74LS132MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS132DRE4		S	SOIC	14
DM74LS132N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS132N		S	PDIP	14
DM74LS132SJ	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS132NSR		S	SOP-EIAJ-II	14
DM74LS132SJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS132NSR		S	SOP-EIAJ-II	14
DM74LS132SJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS132NSRE4		S	SOP-EIAJ-II	14
DM74LS136M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS136D		S	SOIC	14
DM74LS136MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS136DR		S	SOIC	14
DM74LS136N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS136N		S	PDIP	14
DM74LS138M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS138D		S	SOIC	16
DM74LS138MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS138DR		S	SOIC	16
DM74LS138N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS138N		S	PDIP	16

DM74LS03N — DM74LS138N

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
DM74LS138SJ	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS138NSR		S	SOP	16
DM74LS138SJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS138NSR		S	SOP-EIAJ-II	16
DM74LS139M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS139AD		S	SOIC	16
DM74LS139MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS139ADR		S	SOIC	16
DM74LS139N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS139AN		S	PDIP	16
DM74LS139SJ	Fairchild Semiconductor	tpd differs	SN74LS139ANSR		S	SOP	16
DM74LS139SJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS139ANSR		S	SOP-EIAJ-II	16
DM74LS14M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS14D		S	SOIC	14
DM74LS14MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS14DR		S	SOIC	14
DM74LS14N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS14N		S	PDIP	14
DM74LS14SJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS14NSR		S	SOP-EIAJ-II	14
DM74LS151M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS151D		S	SOIC	16
DM74LS151MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS151DR		S	SOIC	16
DM74LS151N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS151N		S	PDIP	16
DM74LS151SJ	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS151NSR		S	SOP	16
DM74LS151SJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS151NSR		S	SOP-EIAJ-II	16
DM74LS153M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS153D		S	SOIC	16
DM74LS153MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS153DR		S	SOIC	16
DM74LS153N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS153N		S	PDIP	16
DM74LS155M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS155AD		S	SOIC	16
DM74LS155MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS155ADR		S	SOIC	16
DM74LS155N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS155AN		S	PDIP	16
DM74LS156M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS156D		S	SOIC	16
DM74LS156MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS156DR		S	SOIC	16
DM74LS156N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS156N		S	PDIP	16
DM74LS157M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS157D		S	SOIC	16
DM74LS157M	National Semiconductor (NSC)	Discontinued	SN74LS157D		S	SOIC	16
DM74LS157MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS157DR		S	SOIC	16
DM74LS157N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS157N		S	PDIP	16
DM74LS157N	National Semiconductor (NSC)	Discontinued	SN74LS157N		S	MDIP	16
DM74LS157SJ	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS157NSR		S	SOP	16
DM74LS157SJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS157NSR		S	SOP-EIAJ-II	16
DM74LS158M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS158D		S	SOIC	16
DM74LS158M	National Semiconductor (NSC)	Discontinued	SN74LS158D		S	SOIC	16
DM74LS158MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS158DR		S	SOIC	16
DM74LS158N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS158N		S	PDIP	16
DM74LS158N	National Semiconductor (NSC)	Discontinued	SN74LS158N		S	MDIP	16
DM74LS161AM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS161AD		S	SOIC	16
DM74LS161AM	National Semiconductor (NSC)	Discontinued	SN74LS161AD		S	SOIC	16
DM74LS161AM	National Semiconductor (NSC)	Discontinued	SN74LS161ADR		S	SOIC	16
DM74LS161AMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS161ADR		S	SOIC	16
DM74LS161AN	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS161AN		S	PDIP	16
DM74LS161AN	National Semiconductor (NSC)	Discontinued	SN74LS161AN		S	PDIP	16
DM74LS163AM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS163AD		S	SOIC	16
DM74LS163AM	National Semiconductor (NSC)	Discontinued	SN74LS163AD		S	SOIC	16
DM74LS163AM	National Semiconductor (NSC)	Discontinued	SN74LS163ADR		S	SOIC	16
DM74LS163AMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS163ADR		S	SOIC	16
DM74LS163AN	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS163AN		S	PDIP	16
DM74LS163AN	National Semiconductor (NSC)	Discontinued	SN74LS163AN		S	PDIP	16
DM74LS164M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS164D		S	SOIC	14
DM74LS164MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS164DR		S	SOIC	14
DM74LS164N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS164N		S	PDIP	14
DM74LS165M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS165AD		S	SOIC	16
DM74LS165MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS165ADR		S	SOIC	16
DM74LS165N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS165AN		S	PDIP	16
DM74LS165WM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS165AD	SOIC narrow package	P	SOIC	16
DM74LS165WMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS165ADR	SOIC narrow package	P	SOIC	16
DM74LS166M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS166AD		S	SOIC	16
DM74LS166MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS166ADR		S	SOIC	16
DM74LS166N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS166AN		S	PDIP	16
DM74LS166WM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS166AD	SOIC narrow package	P	SOIC	16
DM74LS166WMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS166ADR	SOIC narrow package	P	SOIC	16
DM74LS169AM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS169BD		S	SOIC	16
DM74LS169AM	National Semiconductor (NSC)	Discontinued	SN74LS169BD		S	SOIC	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
DM74LS169AMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS169BD	Not available reeled, use tubed	S	SOIC	16
DM74LS169AN	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS169BN		S	PDIP	16
DM74LS169AN	National Semiconductor (NSC)	Discontinued	SN74LS169BN		S	MDIP	16
DM74LS174M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS174D		S	SOIC	16
DM74LS174MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS174DR		S	SOIC	16
DM74LS174N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS174N		S	PDIP	16
DM74LS174SJ	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS174NSR		S	SOP-EIAJ-II	16
DM74LS174SJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS174NSR		S	SOP-EIAJ-II	16
DM74LS175M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS175D		S	SOIC	16
DM74LS175MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS175DR		S	SOIC	16
DM74LS175N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS175N		S	PDIP	16
DM74LS175SJ	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS175NSR		S	SOP-EIAJ-II	16
DM74LS175SJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS175NSR		S	SOP-EIAJ-II	16
DM74LS181N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS181N		S	PDIP	24
DM74LS191M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS191D		S	SOIC	16
DM74LS191M	Fairchild Semiconductor	tpd differs	SN74LS194AD		S	SOIC	16
DM74LS191M	Fairchild Semiconductor	tpd differs	SN74LS194ADRE4		S	SOIC	16
DM74LS191MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS191DR		S	SOIC	16
DM74LS191MX	Fairchild Semiconductor	tpd differs	SN74LS194ADR		S	SOIC	16
DM74LS191N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS191N		S	PDIP	16
DM74LS191N	Fairchild Semiconductor	tpd differs	SN74LS194AN		S	PDIP	16
DM74LS191N	Fairchild Semiconductor	tpd differs	SN74LS194ANE4		S	PDIP	16
DM74LS193M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS191D		S	SOIC	16
DM74LS193M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS193D		S	SOIC	16
DM74LS193MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS191DR		S	SOIC	16
DM74LS193MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS193DR		S	SOIC	16
DM74LS193N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS191N		S	PDIP	16
DM74LS193N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS193N		S	PDIP	16
DM74LS194AM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS191D		S	SOIC	16
DM74LS194AM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS194AD		S	SOIC	16
DM74LS194AMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS194ADR		S	SOIC	16
DM74LS194AN	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS191N		S	PDIP	16
DM74LS194AN	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS194AN		S	PDIP	16
DM74LS20M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS20D		S	SOIC	14
DM74LS20MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS20DR		S	SOIC	14
DM74LS20N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS20N		S	PDIP	14
DM74LS221M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS221D		S	SOIC	16
DM74LS221MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS221DR		S	SOIC	16
DM74LS221N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS221N		S	PDIP	16
DM74LS221SJ	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS221NSR		S	SOP	16
DM74LS221SJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS221NSR		S	SOP-EIAJ-II	16
DM74LS240N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS240N		S	PDIP	20
DM74LS240SJ	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS240NSR		S	SOP-EIAJ-II	20
DM74LS240SJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS240NSR		S	SOP-EIAJ-II	20
DM74LS240WM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS240DW		S	SOIC	20
DM74LS240WMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS240DWR		S	SOIC	20
DM74LS241N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS241N		S	PDIP	20
DM74LS241WM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS241DW		S	SOIC	20
DM74LS241WMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS241DWR		S	SOIC	20
DM74LS243M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS243D		S	SOIC	14
DM74LS243MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS243DR		S	SOIC	14
DM74LS243N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS243N		S	PDIP	14
DM74LS244N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS244N		S	PDIP	20
DM74LS244SJ	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS244NSR		S	SOP-EIAJ-II	20
DM74LS244SJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS244NSR		S	SOP-EIAJ-II	20
DM74LS244WM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS244DW		S	SOIC	20
DM74LS244WMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS244DWR		S	SOIC	20
DM74LS245M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS245DW		S	SOIC	20
DM74LS245MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS245DWR		S	SOIC	20
DM74LS245N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS245N		S	PDIP	20
DM74LS245SJ	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS245NSR		S	SOP-EIAJ-II	20
DM74LS245SJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS245NSR		S	SOP-EIAJ-II	20
DM74LS245WM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS245DW		S	SOIC	20
DM74LS245WM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS245DWR		S	SOIC	20

DM74LS169AMX — DM74LS245WM

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
DM74LS245WMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS245DWR		S	SOIC	20
DM74LS251M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS251D		S	SOIC	16
DM74LS251MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS251DR		S	SOIC	16
DM74LS251N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS251N		S	PDIP	16
DM74LS253M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS253D		S	SOIC	16
DM74LS253MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS253DR		S	SOIC	16
DM74LS253N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS253N		S	PDIP	16
DM74LS257BM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS257BD		S	SOIC	16
DM74LS257BMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS257BDR		S	SOIC	16
DM74LS257BN	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS257BN		S	PDIP	16
DM74LS259M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS259BD		S	SOIC	16
DM74LS259MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS259BDR		S	SOIC	16
DM74LS259N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS259BN		S	PDIP	16
DM74LS259WM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS259BD		S	SOIC	16
DM74LS266M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS266D		S	SOIC	14
DM74LS266MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS266DR		S	SOIC	14
DM74LS266N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS266N		S	PDIP	14
DM74LS26M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS26D		S	SOIC	14
DM74LS26MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS26DR		S	SOIC	14
DM74LS26N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS26N		S	PDIP	14
DM74LS273N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS273N		S	PDIP	20
DM74LS273N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS273NE4		S	PDIP	20
DM74LS273SJ	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS273NSR		S	SOP-EIAJ-II	20
DM74LS273SJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS273NSR		S	SOP-EIAJ-II	20
DM74LS273WM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS273DW		S	SOIC	20
DM74LS273WM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS273DWE4		S	SOIC	20
DM74LS273WMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS273DWR		S	SOIC	20
DM74LS279M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS279AD		S	SOIC	16
DM74LS279MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS279ADR		S	SOIC	16
DM74LS279N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS279AN		S	PDIP	16
DM74LS27M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS27D		S	SOIC	14
DM74LS27MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS27DR		S	SOIC	14
DM74LS27N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS27N		S	PDIP	14
DM74LS283M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS283D		S	SOIC	16
DM74LS283MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS283DR		S	SOIC	16
DM74LS283N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS283N		S	PDIP	16
DM74LS298N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS298N		S	PDIP	16
DM74LS299N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS299N		S	PDIP	20
DM74LS299WM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS299DW		S	SOIC	20
DM74LS299WMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS299DWR		S	SOIC	20
DM74LS30M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS30D		S	SOIC	14
DM74LS30MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS30DR		S	SOIC	14
DM74LS30N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS30N		S	PDIP	14
DM74LS32M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS32D		S	SOIC	14
DM74LS32MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS32DR		S	SOIC	14
DM74LS32N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS32N		S	PDIP	14
DM74LS32SJ	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS32NSR		S	SOP-EIAJ-II	14
DM74LS32SJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS32NSR		S	SOP-EIAJ-II	14
DM74LS33M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS33D		S	SOIC	14
DM74LS33MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS33DR		S	SOIC	14
DM74LS33N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS33N		S	PDIP	14
DM74LS365AM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS365AD		S	SOIC	16
DM74LS365AMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS365ADR		S	SOIC	16
DM74LS365AN	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS365AN		S	PDIP	16
DM74LS367AM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS367AD		S	SOIC	16
DM74LS367AMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS367ADR		S	SOIC	16
DM74LS367AN	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS367AN		S	PDIP	16
DM74LS373N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS373N		S	PDIP	20
DM74LS373SJ	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS373NSR		S	SOP-EIAJ-II	20
DM74LS373SJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS373NSR		S	SOP-EIAJ-II	20
DM74LS373WM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS373DW		S	SOIC	20
DM74LS373WMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS373DWR		S	SOIC	20
DM74LS374N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS374N		S	PDIP	20
DM74LS374SJ	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS374NSR		S	SOP-EIAJ-II	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
DM74LS374SJ	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS377NSR		S	SOP-EIAJ-II	20
DM74LS374SJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS373NSRE4		S	SOP-EIAJ-II	20
DM74LS374SJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS374NSR		S	SOP-EIAJ-II	20
DM74LS374SJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS377NSR		S	SOP-EIAJ-II	20
DM74LS374WM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS374DW		S	SOIC	20
DM74LS374WMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS373DWRE4		S	SOIC	20
DM74LS374WMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS374DWR		S	SOIC	20
DM74LS377N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS377N		S	PDIP	20
DM74LS377WM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS377DW		S	SOIC	20
DM74LS377WMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS373DWRE4		S	SOIC	20
DM74LS377WMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS377DWR		S	SOIC	20
DM74LS38M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS38D		S	SOIC	14
DM74LS38MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS38DR		S	SOIC	14
DM74LS38N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS38N		S	PDIP	14
DM74LS38SJ	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS38NSR		S	SOP-EIAJ-II	14
DM74LS38SJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS38NSR		S	SOP-EIAJ-II	14
DM74LS390M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS390D		S	SOIC	16
DM74LS390MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS390DR		S	SOIC	16
DM74LS390N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS390N		S	PDIP	16
DM74LS393M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS393D		S	SOIC	14
DM74LS393MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS393DR		S	SOIC	14
DM74LS393N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS393N		S	PDIP	14
DM74LS47M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS47D		S	SOIC	16
DM74LS47MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS47D		S	SOIC	16
DM74LS47N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS47N		S	PDIP	16
DM74LS51M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS51D		S	SOIC	14
DM74LS51MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS51DR		S	SOIC	14
DM74LS51N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS51N		S	PDIP	14
DM74LS533N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74ALS533AN		S	PDIP	20
DM74LS533WM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74ALS533ADW		S	SOIC	20
DM74LS533WMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74ALS533ADWR		S	SOIC	20
DM74LS534N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74ALS534AN		S	PDIP	20
DM74LS573N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74ALS573CN		S	PDIP	20
DM74LS573WM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74ALS573CDW		S	SOIC	20
DM74LS573WMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74ALS573CDWR		S	SOIC	20
DM74LS574N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74ALS574BN		S	PDIP	20
DM74LS574WM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74ALS574BDW		S	SOIC	20
DM74LS574WMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74ALS574BDWR		S	SOIC	20
DM74LS645N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS645-1N		S	PDIP	20
DM74LS645N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS645N		S	PDIP	20
DM74LS645WM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS645-1DW		S	SOIC	20
DM74LS645WM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS645DW		S	SOIC	20
DM74LS645WMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS645-1DWR		S	SOIC	20
DM74LS670M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS670D		S	SOIC	16
DM74LS670MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS670DR		S	SOIC	16
DM74LS670N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS670N		S	PDIP	16
DM74LS73AM	National Semiconductor (NSC)	Discontinued	SN74LS73ADE4		S	SOIC	14
DM74LS73AM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS73AD		S	SOIC	14
DM74LS73AM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS73ADE4		S	SOIC	14
DM74LS73AMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS73ADRE4		S	SOIC	14
DM74LS73AN	National Semiconductor (NSC)	Discontinued	SN74LS73ANE4		S	PDIP	14
DM74LS73AN	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS73AN		S	PDIP	14
DM74LS73AN	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS73ANE4		S	PDIP	14
DM74LS74AM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS74AD		S	SOIC	14
DM74LS74AM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS74ADE4		S	SOIC	14
DM74LS74AMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS74ADR		S	SOIC	14
DM74LS74AMX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS74ADRE4		S	SOIC	14
DM74LS74AN	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS74AN		S	PDIP	14
DM74LS74ASJ	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS74ANSR		S	SOP-EIAJ-II	14
DM74LS74ASJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS74ANSR		S	SOP-EIAJ-II	14
DM74LS75M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS75D		S	SOIC	16
DM74LS75MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS75DR		S	SOIC	16
DM74LS75N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS75N		S	PDIP	16
DM74LS85M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS85D		S	SOIC	16

DM74LS374SJ — DM74LS85M

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
DM74LS85MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS85DR		S	SOIC	16
DM74LS85N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS85N		S	PDIP	16
DM74LS86M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS86AD		S	SOIC	14
DM74LS86MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS86ADR		S	SOIC	14
DM74LS86N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS86AN		S	PDIP	14
DM74LS86SJ	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS86ANSR		S	SOP-EIAJ-II	14
DM74LS86SJX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS86ANSR		S	SOP-EIAJ-II	14
DM74LS90M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS90D		S	SOIC	14
DM74LS90M	National Semiconductor (NSC)	Discontinued	SN74LS90D		S	SOIC	14
DM74LS90M	National Semiconductor (NSC)	Discontinued	SN74LS90DR		S	SOIC	14
DM74LS90MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS90DR		S	SOIC	14
DM74LS90N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74LS90N		S	PDIP	14
DM74LS90N	National Semiconductor (NSC)	Discontinued	SN74LS90N		S	PDIP	14
DM74LS93M	National Semiconductor (NSC)	Discontinued	SN74LS93D		S	SOIC	14
DM74LS93M	National Semiconductor (NSC)	Discontinued	SN74LS93DR		S	SOIC	14
DM74LS93N	National Semiconductor (NSC)	Discontinued	SN74LS93N		S	PDIP	14
DM74S00M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S00D		S	SOIC	14
DM74S00N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S00N		S	PDIP	14
DM74S02N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S02N		S	PDIP	14
DM74S04M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S04D		S	SOIC	14
DM74S04MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S04DR		S	SOIC	14
DM74S04N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S04N		S	PDIP	14
DM74S05M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S05D		S	SOIC	14
DM74S05MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S05DR		S	SOIC	14
DM74S05N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S05N		S	PDIP	14
DM74S08N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S08N		S	PDIP	14
DM74S10N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S10N		S	PDIP	14
DM74S112N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S112AN		S	PDIP	16
DM74S138N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S138AN		S	PDIP	16
DM74S139N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S139AN		S	PDIP	16
DM74S140N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S140N		S	PDIP	14
DM74S151N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S151N		S	PDIP	16
DM74S157N	Fairchild Semiconductor	tpd differs	SN74S151N		S	PDIP	16
DM74S157N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S157N		S	PDIP	16
DM74S163N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S163N		S	PDIP	16
DM74S174N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S174N		S	PDIP	16
DM74S175N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S175N		S	PDIP	16
DM74S20N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S20N		S	PDIP	14
DM74S240N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S240N		S	PDIP	20
DM74S241N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S241N		S	PDIP	20
DM74S244N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S244N		S	PDIP	20
DM74S257N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S257N		S	PDIP	16
DM74S280N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S280N		S	PDIP	14
DM74S283N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S283N		S	PDIP	16
DM74S32N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S32N		S	PDIP	14
DM74S373N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S373N		S	PDIP	20
DM74S373WM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S373DW		S	SOIC	20
DM74S374N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S374N		S	PDIP	20
DM74S374WM	Fairchild Semiconductor	tpd differs	SN74S373DWE4		S	SOIC	20
DM74S374WM	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S374DW		S	SOIC	20
DM74S374WM	Fairchild Semiconductor		SN74S374DWE4		S	SOIC	20
DM74S51N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S51N		S	PDIP	14
DM74S74M	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S74D		S	SOIC	14
DM74S74M	Fairchild Semiconductor		SN74S74DE4		S	SOIC	14
DM74S74MX	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S74DR		S	SOIC	14
DM74S74MX	Fairchild Semiconductor		SN74S74DRE4		S	SOIC	14
DM74S74N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S74N		S	PDIP	14
DM74S86N	Fairchild Semiconductor	Discontinued PCN 20033402	SN74S86N		S	PDIP	14
DS14196WMM	National Semiconductor (NSC)	Discontinued 09/06/2005	SN75LP196DW	Lower power, higher speed, higher I/O capability	S	SOIC	20
DS14196WMMX	National Semiconductor (NSC)	Discontinued 09/06/2005	SN75LP196DWR	Lower power, higher speed, higher I/O capability	S	SOIC	20
DS1488J	National Semiconductor (NSC)	Discontinued 10/11/1994	SN75188N	PDIP not CDIP	S	CDIP	14
DS1488M	National Semiconductor (NSC)	Discontinued 06/02/2004	SN75188D		S	SOIC	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
DS1488MX	National Semiconductor (NSC)	Discontinued 06/02/2004	SN75188DR		S	SOIC	14
DS1488N	National Semiconductor (NSC)	Discontinued 06/02/2004	SN75188N		S	PDIP	14
DS1489AM	National Semiconductor (NSC)	Discontinued 06/02/2004	SN75189AD		S	SOIC	14
DS1489AMX	National Semiconductor (NSC)	Discontinued 06/02/2004	SN75189ADR		S	SOIC	14
DS1489AN	National Semiconductor (NSC)	Discontinued 06/02/2004	SN75189AN		S	PDIP	14
DS1489J	National Semiconductor (NSC)	Discontinued 10/11/1994	SN75189N	PDIP not CDIP	S	CDIP	14
DS1489M	National Semiconductor (NSC)	Discontinued 06/02/2004	SN75189D		S	SOIC	14
DS1489MX	National Semiconductor (NSC)	Discontinued 06/02/2004	SN75189DR		S	SOIC	14
DS1489N	National Semiconductor (NSC)	Discontinued 06/02/2004	SN75189N		S	PDIP	14
DS14C232CM	National Semiconductor (NSC)	Not IEC61000 ESD compliant	MAX232ECD	Higher ICC	S	SOIC	16
DS14C232CMX	National Semiconductor (NSC)	Not IEC61000 ESD compliant	MAX232ECDR	Higher ICC	S	SOIC	16
DS14C232CN	National Semiconductor (NSC)	Not IEC61000 ESD compliant	MAX232ECN	Higher ICC	S	PDIP	16
DS14C232CWM	National Semiconductor (NSC)	Discontinued 09/08/1998, Not IEC61000 ESD compliant	MAX232ECDW	Higher ICC	S	SOIC	16
DS14C232CWMX	National Semiconductor (NSC)	Discontinued 09/08/1998, Not IEC61000 ESD compliant	MAX232ECDWR	Higher ICC	S	SOIC	16
DS14C232TM	National Semiconductor (NSC)	Not IEC61000 ESD compliant	MAX232EID	Higher ICC	S	SOIC	16
DS14C232TMX	National Semiconductor (NSC)	Not IEC61000 ESD compliant	MAX232EIDR	Higher ICC	S	SOIC	16
DS14C232TN	National Semiconductor (NSC)	Discontinued 09/08/1998, Not IEC61000 ESD compliant	MAX232EIN	Higher ICC	S	PDIP	16
DS14C232TWM	National Semiconductor (NSC)	Discontinued 09/08/1998, Not IEC61000 ESD compliant	MAX232EIDW	Higher ICC	S	SOIC	16
DS14C232TWMX	National Semiconductor (NSC)	Discontinued 09/08/1998, Not IEC61000 ESD compliant	MAX232EIDWR	Higher ICC	S	SOIC	16
DS14C232WMX	National Semiconductor (NSC)	Discontinued 09/08/1998, Not IEC61000 ESD compliant	MAX232ECDWR	Higher ICC	S	SOIC	16
DS14C88J	National Semiconductor (NSC)	Discontinued 10/11/1994	SN75C188N	Generally higher ICC, CDIP not PDIP	S	CDIP	14
DS14C88M	National Semiconductor (NSC)		SN75C188D	Generally higher ICC	S	SOIC	14
DS14C88MX	National Semiconductor (NSC)		SN75C188DR	Generally higher ICC	S	SOIC	14
DS14C88N	National Semiconductor (NSC)		SN75C188N	Generally higher ICC	S	PDIP	14
DS14C88TJ	National Semiconductor (NSC)	Discontinued 10/11/1994	SN75C188N	Generally higher ICC, C temp range, CDIP not PDIP	S	CDIP	14
DS14C88TM	National Semiconductor (NSC)	Discontinued 09/08/1998	SN75C188D	Generally higher ICC, C temp range	S	SOIC	14
DS14C88TMX	National Semiconductor (NSC)	Discontinued 09/08/1998	SN75C188DR	Generally higher ICC, C temp range	S	SOIC	14
DS14C88TN	National Semiconductor (NSC)	Discontinued 09/08/1998	SN75C188N	Generally higher ICC, C temp range	S	PDIP	14
DS14C89AJ	National Semiconductor (NSC)	Discontinued 04/17/1996	SN75C189AN	Includes response control circuitry, PDIP not CDIP	Q	CDIP	14
DS14C89AM	National Semiconductor (NSC)		SN75C189AD	Includes response control circuitry	Q	SOIC	14
DS14C89AMX	National Semiconductor (NSC)		SN75C189ADR	Includes response control circuitry	Q	SOIC	14
DS14C89AN	National Semiconductor (NSC)		SN75C189AN	Includes response control circuitry	Q	PDIP	14
DS14C89ATJ	National Semiconductor (NSC)	Discontinued 10/11/1994	SN75C189AN	Includes response control circuitry, C temp range	Q	CDIP	14
DS14C89ATM	National Semiconductor (NSC)	Discontinued 09/08/1998	SN75C189AD	Includes response control circuitry, C temp range	Q	SOIC	14
DS14C89ATMX	National Semiconductor (NSC)	Discontinued 09/08/1998	SN75C189ADR	Includes response control circuitry, C temp range	Q	SOIC	14
DS14C89ATN	National Semiconductor (NSC)	Discontinued 09/08/1998	SN75C189AN	Includes response control circuitry, C temp range	Q	PDIP	14
DS2002CN	National Semiconductor (NSC)	Discontinued 10/11/1994	ULN2002AN		S	PDIP	16
DS2002TN	National Semiconductor (NSC)	Discontinued 10/11/1994	ULN2002AN		S	PDIP	16
DS2004CM	National Semiconductor (NSC)	Discontinued 10/11/1994	ULN2004AID		S	SOIC	16
DS2004CMX	National Semiconductor (NSC)	Discontinued 03/10/1998	ULN2004AIDR		S	SOIC	16
DS2004CN	National Semiconductor (NSC)	Discontinued 03/10/1998	ULN2004AIN		S	PDIP	16
DS2004TM	National Semiconductor (NSC)	Discontinued 03/10/1998	ULN2004AID		S	SOIC	16
DS2004TMX	National Semiconductor (NSC)	Discontinued 03/10/1998	ULN2004AIDR		S	SOIC	16
DS2004TN	National Semiconductor (NSC)	Discontinued 03/10/1998	ULN2004AIN		S	PDIP	16
DS26LS31CJ	National Semiconductor (NSC)	Discontinued 09/08/1998	AM26LS31CN	PDIP Not CDIP	S	CDIP	16
DS26LS31CM	National Semiconductor (NSC)		AM26LS31CD		S	SOIC	16
DS26LS31CMX	National Semiconductor (NSC)		AM26LS31CDR		S	SOIC	16
DS26LS31CN	National Semiconductor (NSC)		AM26LS31CN		S	PDIP	16
DS26LS32ACM	National Semiconductor (NSC)		AM26LS32ACD		S	SOIC	16
DS26LS32ACMX	National Semiconductor (NSC)		AM26LS32ACDR		S	SOIC	16
DS26LS32ACN	National Semiconductor (NSC)		AM26LS32ACN		S	PDIP	16
DS26LS32CM	National Semiconductor (NSC)		AM26LS32ACD		S	SOIC	16

DS1488MX — DS26LS32CM

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
DS26LS32CMX	National Semiconductor (NSC)		AM26LS32ACDR		S	SOIC	16
DS26LS32CN	National Semiconductor (NSC)		AM26LS32ACN		S	PDIP	16
DS26LS33ACM	National Semiconductor (NSC)	Discontinued 06/08/1999	AM26LS33ACD		S	SOIC	16
DS26LS33ACMX	National Semiconductor (NSC)	Discontinued 12/07/1999	AM26LS33ACDR		S	SOIC	16
DS26LS33ACN	National Semiconductor (NSC)	Discontinued 12/07/1999	AM26LS33ACN		S	PDIP	16
DS26LV31TM	National Semiconductor (NSC)		AM26LV31ID		S	SOIC	16
DS26LV31TMX	National Semiconductor (NSC)		AM26LV31IDR		S	SOIC	16
DS26LV32ATM	National Semiconductor (NSC)		AM26LV32ID		S	SOIC	16
DS26LV32ATMX	National Semiconductor (NSC)		AM26LV32IDR		S	SOIC	16
DS3486J	National Semiconductor (NSC)	Discontinued 10/11/1994	MC3486N		S	CDIP	16
DS3486M	National Semiconductor (NSC)		MC3486D		S	SOIC	16
DS3486MX	National Semiconductor (NSC)		MC3486DR		S	SOIC	16
DS3486N	National Semiconductor (NSC)		MC3486N		S	PDIP	16
DS3487M	National Semiconductor (NSC)		MC3487D	Slightly slower	Q	SOIC	16
DS3487MX	National Semiconductor (NSC)		MC3487DR	Slightly slower	Q	SOIC	16
DS3487N	National Semiconductor (NSC)		MC3487N	Slightly slower	Q	PDIP	16
DS36276M	National Semiconductor (NSC)		TL3695D	Faster	Q	SOIC	8
DS36276MX	National Semiconductor (NSC)		TL3695DR	Faster	Q	SOIC	8
DS36276N	National Semiconductor (NSC)	Discontinued 09/08/1998	TL3695P	Faster	Q	PDIP	8
DS3680J	National Semiconductor (NSC)	Discontinued 03/10/1998	DS3680N	PDIP Not CDIP	S	CDIP	14
DS3680M	National Semiconductor (NSC)	Discontinued 03/10/1998	DS3680D		S	SOIC	14
DS3680MX	National Semiconductor (NSC)	Discontinued 03/10/1998	DS3680DR		S	SOIC	14
DS3680N	National Semiconductor (NSC)	Discontinued 03/10/1998	DS3680N		S	PDIP	14
DS3695ATM	National Semiconductor (NSC)		TL3695D	Temp range differs	S	SOIC	8
DS3695ATMX	National Semiconductor (NSC)		TL3695DR	Temp range differs	S	SOIC	8
DS3695TJ	National Semiconductor (NSC)	Discontinued 09/08/1998	TL3695P	Temp range differs, PDIP not CDIP	S	CDIP	8
DS3695TM	National Semiconductor (NSC)		TL3695D	Temp range differs	S	SOIC	8
DS3695TMX	National Semiconductor (NSC)		TL3695DR	Temp range differs	S	SOIC	8
DS36F95J	National Semiconductor (NSC)	Discontinued 03/03/2004	SN75ALS176BP	Lower IOL, slower	Q	CDIP	8
DS36F95M	National Semiconductor (NSC)		SN75ALS176BD	Lower IOL, slower	Q	SOIC	8
DS36F95MX	National Semiconductor (NSC)		SN75ALS176BDR	Lower IOL, slower	Q	SOIC	8
DS3896M	National Semiconductor (NSC)	Discontinued 03/08/2005	SN75ALS056DW		Q	SOIC	20
DS3896MX	National Semiconductor (NSC)	Discontinued 03/08/2005	SN75ALS056DWR		Q	SOIC	20
DS3896N	National Semiconductor (NSC)	Discontinued 03/08/2005	SN75ALS056N		Q	PDIP	20
DS3897M	National Semiconductor (NSC)	Discontinued 03/08/2005	SN75ALS057DW		Q	SOIC	20
DS3897MX	National Semiconductor (NSC)	Discontinued 03/08/2005	SN75ALS057DWR		Q	SOIC	20
DS3897N	National Semiconductor (NSC)	Discontinued 03/08/2005	SN75ALS057N		Q	PDIP	20
DS75107AM	National Semiconductor (NSC)	Discontinued 12/07/1999	SN75107BD		S	SOIC	14
DS75107AMX	National Semiconductor (NSC)	Discontinued 12/07/1999	SN75107BDR		S	SOIC	14
DS75107AN	National Semiconductor (NSC)	Discontinued 09/08/1998	SN75107BN		S	PDIP	14
DS75107J	National Semiconductor (NSC)	Discontinued 10/14/1995	SN75107BN		S	CDIP	14
DS75108M	National Semiconductor (NSC)	Discontinued 09/08/1998	SN75108AD		S	SOIC	14
DS75108MX	National Semiconductor (NSC)	Discontinued 09/08/1998	SN75108ADR		S	SOIC	14
DS75110AM	National Semiconductor (NSC)	Discontinued 05/01/2002	SN75110AD		S	SOIC	14
DS75110AMX	National Semiconductor (NSC)	Discontinued 05/01/2002	SN75110ADR		S	SOIC	14
DS75110AN	National Semiconductor (NSC)	Discontinued 05/01/2002	SN75110AN		S	PDIP	14
DS75113N	National Semiconductor (NSC)	Discontinued 09/08/1998	SN75113N		S	PDIP	16
DS75114N	National Semiconductor (NSC)	Discontinued 06/03/1997	SN75114N		S	PDIP	16
DS75115N	National Semiconductor (NSC)	Discontinued 09/08/1998	SN75115N		S	PDIP	16
DS75121N	National Semiconductor (NSC)	Discontinued 06/03/1997	SN75121N		S	PDIP	16
DS75123N	National Semiconductor (NSC)	Discontinued 06/03/1997	SN75123N		S	PDIP	16
DS75124N	National Semiconductor (NSC)	Discontinued 06/03/1997	SN75124N		S	PDIP	16
DS75150M	National Semiconductor (NSC)	Discontinued 05/01/2002	SN75150D		S	SOIC	8
DS75150MX	National Semiconductor (NSC)	Discontinued 05/01/2002	SN75150DR		S	SOIC	8
DS75150N	National Semiconductor (NSC)	Discontinued 09/08/1998	SN75150P		S	PDIP	8
DS75154M	National Semiconductor (NSC)	Discontinued 05/01/2002	SN75154D		S	SOIC	14
DS75154MX	National Semiconductor (NSC)	Discontinued 05/01/2002	SN75154DR		S	SOIC	14
DS75154N	National Semiconductor (NSC)	Discontinued 09/08/1998	SN75154N		S	PDIP	14
DS75160AN	National Semiconductor (NSC)	Discontinued 05/01/2002	SN75160BN		S	PDIP	20
DS75160AWM	National Semiconductor (NSC)	Discontinued 09/08/1998	SN75160BDW		S	SOIC	20
DS75160AWMX	National Semiconductor (NSC)	Discontinued 09/08/1998	SN75160BDWR		S	SOIC	20
DS75161AN	National Semiconductor (NSC)	Discontinued 05/01/2002	SN75161BN		S	PDIP	20
DS75161AWM	National Semiconductor (NSC)	Discontinued 09/08/1998	SN75161BDW		S	SOIC	20
DS75161AWMX	National Semiconductor (NSC)	Discontinued 09/08/1998	SN75161BDWR		S	SOIC	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
DS75162AWM	National Semiconductor (NSC)	Discontinued 09/08/1998	SN75162BDW		S	SOIC	24
DS75162AWMX	National Semiconductor (NSC)	Discontinued 09/08/1998	SN75162BDWR		S	SOIC	24
DS75176BTM	National Semiconductor (NSC)		SN65176BD	Slightly slower, higher Icc	S	SOIC	8
DS75176BTMX	National Semiconductor (NSC)		SN65176BDR	Slightly slower, higher Icc	S	SOIC	8
DS75176BTN	National Semiconductor (NSC)		SN65176BP	Slightly slower, higher Icc	S	PDIP	8
DS75451M	National Semiconductor (NSC)	Discontinued 06/02/2004	SN75451BD		S	SOIC	8
DS75451MX	National Semiconductor (NSC)	Discontinued 06/02/2004	SN75451BDR		S	SOIC	8
DS75451N	National Semiconductor (NSC)	Discontinued 06/02/2004	SN75451BP		S	PDIP	8
DS75452M	National Semiconductor (NSC)	Discontinued 06/02/2004	SN75452BD		S	SOIC	8
DS75452MX	National Semiconductor (NSC)	Discontinued 06/02/2004	SN75452BDR		S	SOIC	8
DS75452N	National Semiconductor (NSC)	Discontinued 06/02/2004	SN75452BP		S	PDIP	8
DS75453J-8	National Semiconductor (NSC)	Discontinued 03/09/1999	SN75453BP	PDIP Not CDIP	S	CDIP	8
DS75453M	National Semiconductor (NSC)	Discontinued 06/02/2004	SN75453BP		S	SOIC	8
DS75453MX	National Semiconductor (NSC)	Discontinued 06/02/2004	SN75453BD		S	SOIC	8
DS75453N	National Semiconductor (NSC)	Discontinued 06/02/2004	SN75453BDR		S	PDIP	8
DS75454M	National Semiconductor (NSC)	Discontinued 10/11/1994	SN75454BD		S	SOIC	8
DS75454MX	National Semiconductor (NSC)	Discontinued 10/11/1994	SN75454BDR		S	SOIC	8
DS75454N	National Semiconductor (NSC)	Discontinued 03/10/1998	SN75454BP		S	PDIP	8
DS75462N	National Semiconductor (NSC)	Discontinued 03/10/1998	SN75462P		S	PDIP	8
DS75463N	National Semiconductor (NSC)	Discontinued 03/10/1998	SN75463P		S	PDIP	8
DS8921AM	National Semiconductor (NSC)		SN75ALS176BD		Q	SOIC	8
DS8921AMX	National Semiconductor (NSC)		SN75ALS176BDR		Q	SOIC	8
DS8921AN	National Semiconductor (NSC)	Discontinued 03/03/2006	SN75ALS176BP		Q	PDIP	8
DS8921M	National Semiconductor (NSC)		SN75ALS176BD		Q	SOIC	8
DS8921MX	National Semiconductor (NSC)		SN75ALS176BDR		Q	SOIC	8
DS8921N	National Semiconductor (NSC)		SN75ALS176BP		Q	PDIP	8
DS8924N	National Semiconductor (NSC)	Discontinued	MC3487N		S	PDIP	16
DS96172CN	National Semiconductor (NSC)	Discontinued 05/01/2002	SN75172N	Slower	Q	PDIP	14
DS96173CN	National Semiconductor (NSC)		SN75173N	Slightly slower	S	PDIP	14
DS96175CJ	National Semiconductor (NSC)	Discontinued 10/11/1994	SN75175N	Slightly slower, PDIP Not CDIP	S	CDIP	14
DS96175CN	National Semiconductor (NSC)		SN75175N	Slightly slower	S	PDIP	14
DS96176CJ	National Semiconductor (NSC)	Discontinued 09/08/1998	SN75176BP		Q	CDIP	8
DS96176CN	National Semiconductor (NSC)		SN75176BP		Q	PDIP	8
DS9636ACJ	National Semiconductor (NSC)	Discontinued 10/11/1994	UA9636ACP	PDIP not CDIP	S	CDIP	8
DS9636ACN	National Semiconductor (NSC)	Discontinued 12/07/1999	UA9636ACP		S	PDIP	8
DS9637ACJ	National Semiconductor (NSC)	Discontinued 10/11/1994	UA9637ACP		S	CDIP	8
DS9637ACM	National Semiconductor (NSC)	Discontinued 03/03/2006	UA9637ACD		S	SOIC	8
DS9637ACMX	National Semiconductor (NSC)	Discontinued 03/03/2006	UA9637ACDR		S	SOIC	8
DS9637ACN	National Semiconductor (NSC)	Discontinued 03/03/2006	UA9637ACP		S	PDIP	8
DS9638CJ	National Semiconductor (NSC)	Discontinued 09/08/1998	UA9638CP		S	CDIP	8
DS9638CM	National Semiconductor (NSC)		UA9638CD		S	SOIC	8
DS9638CMX	National Semiconductor (NSC)		UA9638CDR		S	SOIC	8
DS9638CN	National Semiconductor (NSC)	Discontinued 03/03/2006	UA9638CP		S	PDIP	8
DS9666CN	National Semiconductor (NSC)	Discontinued	ULN2002AN		S	PDIP	16
DS9666TN	National Semiconductor (NSC)	Discontinued	ULN2002AN		S	PDIP	16
DS9667CN	National Semiconductor (NSC)	Discontinued	ULN2003AIN		S	PDIP	16
DS9667TN	National Semiconductor (NSC)	Discontinued	ULN2003AIN		S	PDIP	16
DS9668CN	National Semiconductor (NSC)	Discontinued	ULN2004AIN		S	PDIP	16
DS9668TN	National Semiconductor (NSC)	Discontinued	ULN2004AIN		S	PDIP	16
E-UC2842BD1	ST Microelectronics (STM)	Pb Free	TL2842BD-8		S	SOIC	8
E-UC2842BD1013TR	ST Microelectronics (STM)	Pb Free	TL2842BDR-8		S	SOIC	8
E-UC2842BN	ST Microelectronics (STM)	Pb Free	TL2842BP		S	PDIP	8
E-UC2843BD1	ST Microelectronics (STM)	Pb Free	TL2843BD-8		S	SOIC	8
E-UC2843BD1013TR	ST Microelectronics (STM)	Pb Free	TL2843BDR-8		S	SOIC	8
E-UC2843BN	ST Microelectronics (STM)	Pb Free	TL2843BP		S	PDIP	8
E-UC2844BD1	ST Microelectronics (STM)	Pb Free	TL2844BD-8		S	SOIC	8
E-UC2844BD1013TR	ST Microelectronics (STM)	Pb Free	TL2844BDR-8		S	SOIC	8
E-UC2844BN	ST Microelectronics (STM)	Pb Free	TL2844BP		S	PDIP	8
E-UC2845BD1	ST Microelectronics (STM)	Pb Free	TL2845BD-8		S	SOIC	8
E-UC2845BD1013TR	ST Microelectronics (STM)	Pb Free	TL2845BDR-8		S	SOIC	8
E-UC2845BN	ST Microelectronics (STM)	Pb Free	TL2845BP		S	PDIP	8
E-UC3842BD1	ST Microelectronics (STM)	Pb Free	TL3842BD-8		S	SOIC	8
E-UC3842BD1013TR	ST Microelectronics (STM)	Pb Free	TL3842BDR-8		S	SOIC	8
E-UC3842BN	ST Microelectronics (STM)	Pb Free	TL3842BP		S	PDIP	8

DS75162AWM — E-UC3842BN

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
E-UC3843BD1	ST Microelectronics (STM)	Pb Free	TL3843BD-8		S	SOIC	8
E-UC3843BD1013TR	ST Microelectronics (STM)	Pb Free	TL3843BDR-8		S	SOIC	8
E-UC3843BN	ST Microelectronics (STM)	Pb Free	TL3843BP		S	PDIP	8
E-UC3844BD1	ST Microelectronics (STM)	Pb Free	TL3844BD-8		S	SOIC	8
E-UC3844BD1013TR	ST Microelectronics (STM)	Pb Free	TL3844BDR-8		S	SOIC	8
E-UC3844BN	ST Microelectronics (STM)	Pb Free	TL3844BP		S	PDIP	8
E-UC3845BD1	ST Microelectronics (STM)	Pb Free	TL3845BD-8		S	SOIC	8
E-UC3845BD1013TR	ST Microelectronics (STM)	Pb Free	TL3845BDR-8		S	SOIC	8
E-UC3845BN	ST Microelectronics (STM)	Pb Free	TL3845BP		S	PDIP	8
FAN1117AD18X	Fairchild Semiconductor	1.0A Io, Pb-Free	TLV1117-18CKVURG3	0.8A Io max, Vin differs	Q	TO-252/DPAK	3
FAN1117AD25X	Fairchild Semiconductor		TLV1117-25CKVURG3	0.8A Iout	Q	TO-252/DPAK	2
FAN1117AD25X	Fairchild Semiconductor	1.0A Io, Pb-Free	TLV1117-25CKVURG3	0.8A Io max, Vin differs	Q	TO-252/DPAK	3
FAN1117AD33X	Fairchild Semiconductor	1.0A Io, Pb-Free	TLV1117-33CKVURG3	0.8A Io max, Vin differs	Q	TO-252/DPAK	3
FAN1117ADX	Fairchild Semiconductor		TLV1117CKVURG3	0.8A Io max, Vin differs	Q	TO-252/DPAK	2
FAN1117ADX	Fairchild Semiconductor	Iout, Vin differ	TLV1117CKVURG3	0.8A Io max, Vin differs	Q	TO-252/DPAK	3
FAN1117ADX	Fairchild Semiconductor	1.0A Io, Pb-Free	TLV1117CKVURG3	0.8A Io max, Vin differs	Q	TO-252/DPAK	3
FAN1117ADX_NL	Fairchild Semiconductor	Pb-Free	TLV1117CKVURG3	0.8A Io max, Vin differs	Q	TO-252/DPAK	2
FAN1117ADX_NL	Fairchild Semiconductor	Iout, Vin differ	TLV1117CKVURG3	0.8A Io max, Vin differs	S	TO-252/DPAK	3
FAN1117ADX_NL	Fairchild Semiconductor	1.0A Io, Pb-Free	TLV1117CKVURG3	0.8A Io max, Vin differs	Q	TO-252/DPAK	3
FAN1117AS18X	Fairchild Semiconductor		TLV1117-18CDCYR	0.8A Iout	Q	SOT-223	3
FAN1117AS18X	Fairchild Semiconductor	Iout, Vin differ	TLV1117-18CDCYRG3		S	SOT-223	4
FAN1117AS18X	Fairchild Semiconductor	1.0A Io, Pb-Free	TLV1117-18CDCYR	0.8A Io max, Vin differs	Q	SOT-223	4
FAN1117AS25X	Fairchild Semiconductor	Iout, Vin differ	TLV1117-25CDCYR		S	SOT-223	4
FAN1117AS25X	Fairchild Semiconductor	1.0A Io, Pb-Free	TLV1117-25CDCYR	0.8A Io max, Vin differs	Q	SOT-223	4
FAN1117AS33X	Fairchild Semiconductor		TLV1117-33CDCYR	0.8A Iout	Q	SOT-223	3
FAN1117AS33X	Fairchild Semiconductor	Iout, Vin differ	TLV1117-33CDCYRG3		S	SOT-223	4
FAN1117AS33X	Fairchild Semiconductor	1.0A Io, Pb-Free	TLV1117-33CDCYR	0.8A Io max, Vin differs	Q	SOT-223	4
FAN1117AS33X_NL	Fairchild Semiconductor	Pb-Free	TLV1117-33CDCYR	0.8A Iout	Q	SOT-223	3
FAN1117AS33X_NL	Fairchild Semiconductor	Iout, Vin differ	TLV1117-33CDCYRG3		S	SOT-223	4
FAN1117AS33X_NL	Fairchild Semiconductor	1.0A Io, Pb-Free	TLV1117-33CDCYR	0.8A Io max, Vin differs	Q	SOT-223	4
FAN1117ASX	Fairchild Semiconductor	1.0A Io, Pb-Free	TLV1117CDCYR	0.8A Io max, Vin differs	Q	SOT-223	4
FAN1117ASX_NL	Fairchild Semiconductor	1.0A Io, Pb-Free	TLV1117CDCYR	0.8A Io max, Vin differs	Q	SOT-223	4
FAN4040AES325X	Fairchild Semiconductor	Lifetime Buy/Obsolete 3/15/2006	LM4040A25IDBZR		S	SOT-23	3
FAN4040AES35X	Fairchild Semiconductor	Lifetime Buy/Obsolete 3/15/2006	LM4040A50IDBZR		S	SOT-23	3
FAN4040AIS325X	Fairchild Semiconductor	Lifetime Buy/Obsolete 6/15/2006	LM4040A25IDBZR		S	SOT-23	3
FAN4040AIS35X	Fairchild Semiconductor	Lifetime Buy/Obsolete 3/15/2006	LM4040A50IDBZR		S	SOT-23	3
FAN4040BES325X	Fairchild Semiconductor	Lifetime Buy/Obsolete 3/15/2006	LM4040B25IDBZR		S	SOT-23	3
FAN4040BES35X	Fairchild Semiconductor	Lifetime Buy/Obsolete 3/15/2006	LM4040B50IDBZR		S	SOT-23	3
FAN4040BIS325X	Fairchild Semiconductor	Lifetime Buy/Obsolete 3/15/2006	LM4040B25IDBZR		S	SOT-23	3
FAN4040BIS35X	Fairchild Semiconductor	Lifetime Buy/Obsolete 3/15/2006	LM4040B50IDBZR		S	SOT-23	3
FAN4040CES325X	Fairchild Semiconductor	Obsolete	LM4040C25QDBZR		S	SOT-23	3
FAN4040CES35X	Fairchild Semiconductor	Obsolete	LM4040C50QDBZR		S	SOT-23	3
FAN4040CIS325X	Fairchild Semiconductor	Lifetime Buy/Obsolete 3/15/2006	LM4040C25IDBZR		S	SOT-23	3
FAN4040CIS35X	Fairchild Semiconductor	Lifetime Buy/Obsolete 3/15/2006	LM4040C50IDBZR		S	SOT-23	3
FAN4040DES325X	Fairchild Semiconductor	Obsolete	LM4040D25QDBZR		S	SOT-23	3
FAN4040DES35X	Fairchild Semiconductor	Obsolete	LM4040D50QDBZR		S	SOT-23	3
FAN4040DIS325X	Fairchild Semiconductor	Lifetime Buy/Obsolete 3/15/2006	LM4040D25IDBZR		S	SOT-23	3
FAN4040DIS35X	Fairchild Semiconductor	Lifetime Buy/Obsolete 3/15/2006	LM4040D50IDBZR		S	SOT-23	3
FAN4041BIS3X	Fairchild Semiconductor	Obsolete	LM4041BIDBZR		S	SOT-23	3
FAN4041CETLX	Fairchild Semiconductor	Obsolete	LM4041CILPR		S	TO-92	3
FAN4041CIS3X	Fairchild Semiconductor	Lifetime Buy/Obsolete 3/15/2006	LM4041CIDBZR		S	SOT-23	3
FAN4041CITLX	Fairchild Semiconductor	Obsolete	LM4041CILPR		S	TO-92	3
FAN4041DETLX	Fairchild Semiconductor	Obsolete	LM4041DILPR		S	TO-92	3
FAN4041DIS3X	Fairchild Semiconductor	Lifetime Buy/Obsolete 3/15/2006	LM4041DIDBZR		S	SOT-23	3
FAN4041DITLX	Fairchild Semiconductor	Obsolete	LM4041DILPR		S	TO-92	3
FAN431LZXA	Fairchild Semiconductor		TL431BILPRE3		S	TO-92	3
FB2031BB	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	SN74FB2031RC		S	QFP	52
FB2031BB-T	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	SN74FB2031RCR		S	QFP	52
FB2033BB	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	SN74FB2033ARC		S	QFP	52
FB2033BB-T	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	SN74FB2033ARCR		S	QFP	52
FB2041BB	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	SN74FB2041ARC		S	QFP	52
FB2041BB-T	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	SN74FB2041ARCR		S	QFP	52
FIN1531M	Fairchild Semiconductor		AM26LS31CD		Q	SOIC	16
FIN1531MX	Fairchild Semiconductor		AM26LS31CDR		Q	SOIC	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
FIN1532M	Fairchild Semiconductor		AM26LS32ACD		Q	SOIC	16
FIN1532MX	Fairchild Semiconductor		AM26LS32ACDR		Q	SOIC	16
FSA266K8X	Fairchild Semiconductor	Same as NC7WB66	SN74LVC2G66DCUR		S	US8	8
FSA3157P6X	Fairchild Semiconductor	Same as NC7SB3157P6X	SN74LVC1G3157DCKR		S	SC-70/EIAJSC88	6
FSA3357K8X	Fairchild Semiconductor	250 MHz bandwidth	TS5A3357DCUR	334 Mhz bandwidth	S	US8	8
FSA3357K8X_NL	Fairchild Semiconductor	250 MHz bandwidth, Pb-Free	TS5A3357DCUR	334 Mhz bandwidth	S	US8	8
FSA4157AP6	Fairchild Semiconductor		TS5A3159DCKT		S	SC-70/EIAJSC88	6
FSA4157AP6X	Fairchild Semiconductor		TS5A3159DCKR		S	SC-70/EIAJSC88	6
FSA4157P6	Fairchild Semiconductor		TS5A3159DCKT		S	SC-70/EIAJSC88	6
FSA4157P6X	Fairchild Semiconductor		TS5A3159DCKR		S	SC-70/EIAJSC88	6
FSA4157P6X_NL	Fairchild Semiconductor	Pb-Free	TS5A3159DCKR		S	SC-70/EIAJSC88	6
FSA66M5	Fairchild Semiconductor	Ron, toff, ton, tpd, Vs differ	SN74LVC1G66DBVR		S	SOT-23	5
FSA66M5X	Fairchild Semiconductor	Same as NC7SZ66	SN74LVC1G66DBVR		S	SOT-23	5
FSA66P5	Fairchild Semiconductor	Ron, toff, ton, tpd, Vs differ	SN74LVC1G66DCKR		S	SC-70	5
FSA66P5X	Fairchild Semiconductor	Same as NC7SZ66	SN74LVC1G66DCKR		S	SC-70/EIAJSC88	5
FSAL200MTC	Fairchild Semiconductor		TS3A5018PW		S	TSSOP	16
FSAL200MTCX	Fairchild Semiconductor		TS3A5018PWR		S	TSSOP	16
FSAL200QSC	Fairchild Semiconductor	Ron, toff, ton, Vs differ	TS3A5018DBQR		S	QSOP	16
FSAL200QSCX	Fairchild Semiconductor		TS3A5018DBQR		S	SSOP/QSOP	16
FSAV330M	Fairchild Semiconductor		TS5V330D		S	SOIC	16
FSAV330MTC	Fairchild Semiconductor		TS5V330PW		S	TSSOP	16
FSAV330MTCX	Fairchild Semiconductor		TS5V330PWR		S	TSSOP	16
FSAV330MTCX_NL	Fairchild Semiconductor	Pb-Free	TS5V330PWR		S	TSSOP	16
FSAV330MX	Fairchild Semiconductor		TS5V330DR		S	SOIC	16
FSAV330QSC	Fairchild Semiconductor	Ron, toff, ton, Vs differ	TS5V330DBQR		S	QSOP	16
FSAV330QSCX	Fairchild Semiconductor		TS5V330DBQR		S	SSOP/QSOP	16
FSLV16211MTD	Fairchild Semiconductor		SN74CBTLV16211GR		S	TSSOP	56
FSLV16211MTDX	Fairchild Semiconductor		SN74CBTLV16211GR		S	TSSOP	56
FST16209MEA	Fairchild Semiconductor		SN74CBT16209ADL		S	SSOP	48
FST16209MEAX	Fairchild Semiconductor		SN74CBT16209ADLR		S	SSOP	48
FST16209MTD	Fairchild Semiconductor		SN74CBT16209ADGGR		S	TSSOP	48
FST16209MTDX	Fairchild Semiconductor		SN74CBT16209ADGGR		S	TSSOP	48
FST16210MTD	Fairchild Semiconductor		SN74CBT16210DGGR		S	TSSOP	48
FST16210MTDX	Fairchild Semiconductor		SN74CBT16210DGGR		S	TSSOP	48
FST16210MTDX_NL	Fairchild Semiconductor	Pb-Free	SN74CBT16210DGGR		S	TSSOP	48
FST16211MEA	Fairchild Semiconductor		SN74CBT16211ADL		S	SSOP	48
FST16211MEAX	Fairchild Semiconductor		SN74CBT16211ADLR		S	SSOP	48
FST16211MTD	Fairchild Semiconductor		SN74CBT16211ADGGR		S	TSSOP	56
FST16211MTDX	Fairchild Semiconductor		SN74CBT16211ADGGR		S	TSSOP	48
FST16212MEA	Fairchild Semiconductor		SN74CBT16212ADL		S	SSOP	56
FST16212MEAX	Fairchild Semiconductor		SN74CBT16212ADLR		S	SSOP	56
FST16212MTD	Fairchild Semiconductor		SN74CBT16212ADGGR		S	TSSOP	56
FST16212MTDX	Fairchild Semiconductor		SN74CBT16212ADGGR		S	TSSOP	56
FST16213MEA	Fairchild Semiconductor		SN74CBT16213DL		S	SSOP	56
FST16213MEAX	Fairchild Semiconductor		SN74CBT16213DLR		S	SSOP	56
FST16213MTD	Fairchild Semiconductor		SN74CBT16213DGGR		S	TSSOP	56
FST16213MTDX	Fairchild Semiconductor		SN74CBT16213DGGR		S	TSSOP	56
FST16232MEA	Fairchild Semiconductor		SN74CBT16232DL		S	SSOP	56
FST16232MEAX	Fairchild Semiconductor		SN74CBT16232DLR		S	SSOP	56
FST16232MTD	Fairchild Semiconductor		SN74CBT16232DGGR		S	TSSOP	56
FST16232MTDX	Fairchild Semiconductor		SN74CBT16232DGGR		S	TSSOP	56
FST16233MEA	Fairchild Semiconductor		SN74CBT16233DL		S	SSOP	56
FST16233MEAX	Fairchild Semiconductor		SN74CBT16233DLR		S	SSOP	56
FST16233MTD	Fairchild Semiconductor		SN74CBT16233DGGR		S	TSSOP	56
FST16233MTDX_NL	Fairchild Semiconductor	Pb-Free	SN74CBT16233DGGR		S	TSSOP	56
FST16245MTD	Fairchild Semiconductor		SN74CBT16245DGGR		S	TSSOP	48
FST16245MTDX	Fairchild Semiconductor		SN74CBT16245DGGR		S	TSSOP	48
FST162861MTD	Fairchild Semiconductor		SN74CBTR16861DGGR		S	TSSOP	48
FST162861MTDX	Fairchild Semiconductor		SN74CBTR16861DGGR		S	TSSOP	48
FST16292MEA	Fairchild Semiconductor		SN74CBT16292DL		S	SSOP	56
FST16292MEAX	Fairchild Semiconductor		SN74CBT16292DLR		S	SSOP	56
FST16292MTD	Fairchild Semiconductor		SN74CBT16292DGGR		S	TSSOP	56
FST16292MTD_NL	Fairchild Semiconductor		SN74CBT16292DGGR		S	TSSOP	56

FIN1532M — FST16292MTD\_NL

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
FST16292MTDX	Fairchild Semiconductor		SN74CBT16292DGGR		S	TSSOP	56
FST16292MTDX_NL	Fairchild Semiconductor	Pb-Free	SN74CBT16292DGGR		S	TSSOP	56
FST16861MTD	Fairchild Semiconductor		SN74CBT16861DGGR		S	TSSOP	48
FST16861MTDX	Fairchild Semiconductor		SN74CBT16861DGGR		S	TSSOP	48
FST3125M	Fairchild Semiconductor		SN74CBT3125D		S	SOIC	14
FST3125MTC	Fairchild Semiconductor		SN74CBT3125PW		S	TSSOP	14
FST3125MTCX	Fairchild Semiconductor		SN74CBT3125PWR		S	TSSOP	14
FST3125MX	Fairchild Semiconductor		SN74CBT3125DR		S	SOIC	14
FST3125QSC	Fairchild Semiconductor		SN74CBT3125DBQR		S	QSOP	16
FST3125QSCX	Fairchild Semiconductor		SN74CBT3125DBQR		S	SSOP/QSOP	14
FST3162M	Fairchild Semiconductor		SN74CBT3126D		S	SOIC	14
FST3162MTC	Fairchild Semiconductor		SN74CBT3126PW		S	TSSOP	14
FST3162MTCX	Fairchild Semiconductor		SN74CBT3126PWR		S	TSSOP	14
FST3162MX	Fairchild Semiconductor		SN74CBT3126DR		S	SOIC	14
FST3162QSC	Fairchild Semiconductor		SN74CBT3126DBQR		S	SSOP/QSOP	14
FST3162QSCX	Fairchild Semiconductor		SN74CBT3126DBQR		S	SSOP/QSOP	14
FST3244MTC	Fairchild Semiconductor		SN74CBT3244PW		S	TSSOP	20
FST3244MTCX	Fairchild Semiconductor		SN74CBT3244PWR		S	TSSOP	20
FST3244QSC	Fairchild Semiconductor		SN74CBT3244DBQR		S	QSOP	20
FST3244QSCX	Fairchild Semiconductor		SN74CBT3244DBQR		S	SSOP/QSOP	20
FST3244WM	Fairchild Semiconductor		SN74CBT3244DW		S	SOIC	20
FST3244WMX	Fairchild Semiconductor		SN74CBT3244DWR		S	SOIC	20
FST3245MTC	Fairchild Semiconductor		SN74CBT3245APW		S	TSSOP	20
FST3245MTCX	Fairchild Semiconductor		SN74CBT3245APWR		S	TSSOP	20
FST3245QSC	Fairchild Semiconductor		SN74CBT3245ADBQR		S	QSOP	20
FST3245QSCX	Fairchild Semiconductor		SN74CBT3245ADBQR		S	SSOP/QSOP	20
FST3245WM	Fairchild Semiconductor		SN74CBT3245ADW		S	SOIC	20
FST3245WMX	Fairchild Semiconductor		SN74CBT3245ADWR		S	SOIC	20
FST3254M	Fairchild Semiconductor		SN74CBT3253CD		S	SOIC	16
FST3254MTC	Fairchild Semiconductor		SN74CBT3253CPW		S	TSSOP	16
FST3254MTCX	Fairchild Semiconductor		SN74CBT3253CPWR		S	TSSOP	16
FST3254MX	Fairchild Semiconductor		SN74CBT3253CDR		S	SOIC	16
FST3254QSC	Fairchild Semiconductor		SN74CBT3253CDBQR		S	SSOP/QSOP	16
FST3254QSCX	Fairchild Semiconductor		SN74CBT3253CDBQR		S	SSOP/QSOP	16
FST3257M	Fairchild Semiconductor		SN74CBT3257CD		S	SOIC	16
FST3257MTC	Fairchild Semiconductor		SN74CBT3257CPW		S	TSSOP	16
FST3257MTCX	Fairchild Semiconductor		SN74CBT3257CPWR		S	TSSOP	16
FST3257MX	Fairchild Semiconductor		SN74CBT3257CDR		S	SOIC	16
FST3257QSC	Fairchild Semiconductor		SN74CBT3257CDBQR		S	SSOP/QSOP	16
FST3257QSCX	Fairchild Semiconductor		SN74CBT3257CDBQR		S	SSOP/QSOP	16
FST3306MTC	Fairchild Semiconductor		SN74CBT3306PW		S	TSSOP	8
FST3306MTCX	Fairchild Semiconductor		SN74CBT3306PWR		S	TSSOP	8
FST3306MTCX_NL	Fairchild Semiconductor	Pb-Free	SN74CBT3306PWR		S	TSSOP	8
FST3345MTC	Fairchild Semiconductor		SN74CBT3345PW		S	TSSOP	20
FST3345MTCX	Fairchild Semiconductor		SN74CBT3345PWR		S	TSSOP	20
FST3345QSC	Fairchild Semiconductor		SN74CBT3345DBQR		S	QSOP	20
FST3345QSCX	Fairchild Semiconductor		SN74CBT3345DBQR		S	SSOP/QSOP	20
FST3345WM	Fairchild Semiconductor		SN74CBT3345DW		S	SOIC	20
FST3345WMX	Fairchild Semiconductor		SN74CBT3345DWR		S	SOIC	20
FST3383MTC	Fairchild Semiconductor		SN74CBT3383PW		S	TSSOP	24
FST3383MTCX	Fairchild Semiconductor		SN74CBT3383PWR		S	TSSOP	24
FST3383MTCX_NL	Fairchild Semiconductor	Pb-Free	SN74CBT3383PWR		S	TSSOP	24
FST3383QSC	Fairchild Semiconductor		SN74CBT3383DBQR		S	QSOP	24
FST3383QSCX	Fairchild Semiconductor		SN74CBT3383DBQR		S	SSOP/QSOP	24
FST3383WM	Fairchild Semiconductor		SN74CBT3383DW		S	SOIC	24
FST3383WMX	Fairchild Semiconductor		SN74CBT3383DWR		S	SOIC	24
FST3384MTC	Fairchild Semiconductor		SN74CBT3384APW		S	TSSOP	24
FST3384MTCX	Fairchild Semiconductor		SN74CBT3384APWR		S	TSSOP	24
FST3384MTCX_NL	Fairchild Semiconductor	Pb-Free	SN74CBT3384APWR		S	TSSOP	24
FST3384QSC	Fairchild Semiconductor		SN74CBT3384ADBQR		S	QSOP	24
FST3384QSCX	Fairchild Semiconductor		SN74CBT3384ADBQR		S	SSOP/QSOP	24
FST3384WM	Fairchild Semiconductor		SN74CBT3384ADW		S	SOIC	24
FST3384WMX	Fairchild Semiconductor		SN74CBT3384ADWR		S	SOIC	24
FST6800MTC	Fairchild Semiconductor		SN74CBT6800APWR		S	TSSOP	24

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
FST6800MTCX	Fairchild Semiconductor		SN74CBT6800APWR		S	TSSOP	24
FST6800QSC	Fairchild Semiconductor		SN74CBT6800ADBQR		S	QSOP	24
FST6800QSCX	Fairchild Semiconductor		SN74CBT6800ADBQR		S	SSOP/QSOP	24
FST6800WM	Fairchild Semiconductor		SN74CBT6800ADWR		S	SOIC	24
FST6800WMX	Fairchild Semiconductor		SN74CBT6800ADWR		S	SOIC	24
FSTD16211MTD	Fairchild Semiconductor		SN74CBTD16211DGGR		S	TSSOP	56
FSTD16211MTDX	Fairchild Semiconductor		SN74CBTD16211DGGR		S	TSSOP	56
FSTD16211MTDX_NL	Fairchild Semiconductor	Pb-Free	SN74CBTD16211DGGR		S	TSSOP	56
FSTD3306MTC	Fairchild Semiconductor		SN74CBTD3306PW		S	TSSOP	8
FSTD3306MTCX	Fairchild Semiconductor		SN74CBTD3306PWR		S	TSSOP	8
FSTD3306MTCX_NL	Fairchild Semiconductor	Pb-Free	SN74CBTD3306PWR		S	TSSOP	8
FSTU16245MTD	Fairchild Semiconductor		SN74CBT16245CDGGR		S	TSSOP	48
FSTU16245MTDX	Fairchild Semiconductor		SN74CBT16245CDGGR		S	TSSOP	48
FSTU3253M	Fairchild Semiconductor		SN74CBT3253CD		S	SOIC	16
FSTU3253MTC	Fairchild Semiconductor		SN74CBT3253CPWR		S	TSSOP	16
FSTU3253MTCX	Fairchild Semiconductor		SN74CBT3253CPWR		S	TSSOP	16
FSTU3253MX	Fairchild Semiconductor		SN74CBT3253CDR		S	SOIC	16
FSTU3253QSC	Fairchild Semiconductor		SN74CBT3253CDBQR		S	QSOP	16
FSTU3253QSCX	Fairchild Semiconductor		SN74CBT3253CDBQR		S	SSOP/QSOP	16
FSTU3257M	Fairchild Semiconductor		SN74CBT3257CD		S	SOIC	16
FSTU3257MTC	Fairchild Semiconductor		SN74CBT3257CPW		S	TSSOP	16
FSTU3257MTCX	Fairchild Semiconductor		SN74CBT3257CPWR		S	TSSOP	16
FSTU3257MX	Fairchild Semiconductor		SN74CBT3257CDR		S	SOIC	16
FSTU3257QSC	Fairchild Semiconductor		SN74CBT3257CDBQR		S	QSOP	16
FSTU3257QSCX	Fairchild Semiconductor		SN74CBT3257CDBQR		S	SSOP/QSOP	16
FSTU3257QSCX_NL	Fairchild Semiconductor	Pb-Free	SN74CBT3257CDBQR		S	SSOP/QSOP	16
FSTU3384MTC	Fairchild Semiconductor		SN74CBT3384CPW		S	TSSOP	24
FSTU3384MTCX	Fairchild Semiconductor		SN74CBT3384CPWR		S	TSSOP	24
FSTU3384MTCX_NL	Fairchild Semiconductor	Pb-Free	SN74CBT3384CPWR		S	TSSOP	24
FSTU3384QSC	Fairchild Semiconductor		SN74CBT3384CDBQR		S	SSOP/QSOP	24
FSTU3384QSCX	Fairchild Semiconductor		SN74CBT3384CDBQR		S	SSOP/QSOP	24
FSTU3384WM	Fairchild Semiconductor		SN74CBT3384CDW		S	SOIC	24
FSTU3384WMX	Fairchild Semiconductor		SN74CBT3384CDWR		S	SOIC	24
FSTU6800MTC	Fairchild Semiconductor		SN74CBT6800CPW		S	TSSOP	24
FSTU6800MTCX	Fairchild Semiconductor		SN74CBT6800CPWR		S	TSSOP	24
FSTU6800QSCX	Fairchild Semiconductor		SN74CBT6800CDBQR		S	SSOP/QSOP	24
FSTU6800WM	Fairchild Semiconductor		SN74CBT6800CDW		S	SOIC	24
FSTU6800WMX	Fairchild Semiconductor		SN74CBT6800CDWR		S	SOIC	24
GEM04101BCC	Samoff		CD4069UBE		S	DIP	
GEM13001BEA	Samoff		AM26C31MJB		S	DIP	
GEM18101BEA	Samoff		CD4022BE		S	DIP	
GS431BILP	Vishay Siliconix (SI)	IK, VKA differ	TL431BILPE3		S	TO-92/TO-226	3
GS431BILP/1H	Vishay Siliconix (SI)	IK, VKA differ	TL431BILPRE3		S	TO-92	3
GS431BIS/5H-E3	Vishay Siliconix (SI)	Pb-Free	TL431BIDR		S	SOIC	8
GS431BIU1/48H	Vishay Siliconix (SI)		TL431BIDBZR		S	SOT-23	3
GS431BIU2/48H	Vishay Siliconix (SI)		TL432BIDBZR		S	SOT-23	3
GS431BIX/11H-E3	Vishay Siliconix (SI)		TL431BIPKG3		S	SOT-89	3
GTL16612DGG	NXP Semiconductor	Discontinued DN-49, 06/30/2003	SN74GTLPH16612GR		S	TSSOP	56
GTL16612DGG-T	NXP Semiconductor	Discontinued DN-49, 06/30/2003	SN74GTLPH16612GR		S	TSSOP	56
GTL16612DL	NXP Semiconductor	Discontinued DN-49, 06/30/2003	SN74GTLPH16612DL		S	SSOP	56
GTL16612DL-T	NXP Semiconductor	Discontinued DN-49, 06/30/2003	SN74GTLPH16612DLR		S	SSOP	56
GTL2000DG	NXP Semiconductor		SN74TVC16222ADGGR		S	TSSOP	48
GTL2000DG-T	NXP Semiconductor		SN74TVC16222ADGGR		S	TSSOP	48
GTL2000DL	NXP Semiconductor		SN74TVC16222ADL		S	SSOP	48
GTL2000DL-T	NXP Semiconductor		SN74TVC16222ADLR		S	SSOP	48
GTL2002DC	NXP Semiconductor		SN74TVC3306DCUR	Review data sheets	S	US8	8
GTL2002DC-G	NXP Semiconductor		SN74TVC3306DCUR		S	US8	8
GTL2006PW	NXP Semiconductor		SN74GTL2006PW		S	TSSOP	28
GTL2006PW-T	NXP Semiconductor		SN74GTL2006PWR		S	TSSOP	28
GTL2010PW	NXP Semiconductor		SN74GTL2010PW		S	TSSOP	24
GTL2010PW	NXP Semiconductor		SN74TVC3010PW		S	TSSOP	24
GTL2010PW-T	NXP Semiconductor		SN74GTL2010PWR		S	TSSOP	24
GTL2010PW-T	NXP Semiconductor		SN74TVC3010PWR		S	TSSOP	24
GTL16612MEA	Fairchild Semiconductor		SN74GTLPH16612DL		S	SSOP	56

FST6800MTCX — GTLP16612MEA

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
GTLP16612MEAX	Fairchild Semiconductor		SN74GTLPH16612DLR		S	SSOP	56
GTLP16612MTD	Fairchild Semiconductor	tpd differs	SN74GTLPH16612GR		S	TSSOP	56
GTLP16612MTDX	Fairchild Semiconductor		SN74GTLPH16612GR		S	TSSOP	56
GTLP16T1655MTD	Fairchild Semiconductor		SN74GTLPH1655DGGGR		S	TSSOP	64
GTLP16T1655MTDX	Fairchild Semiconductor		SN74GTLPH1655DGGGR		S	TSSOP	64
GTLP17T616MTD	Fairchild Semiconductor	tpd differs	SN74GTLPH16916GR		S	TSSOP	56
GTLP17T616MTDX	Fairchild Semiconductor	No bias Vcc pin or live insertion capability	SN74GTLPH16916GR	Bias Vcc pin, live insertion capability, 5V tolerance	Q	TSSOP	56
GTLP18T612MEA	Fairchild Semiconductor		SN74GTLPH16612DL		S	SSOP	56
GTLP18T612MEAX	Fairchild Semiconductor		SN74GTLPH16612DLR		S	SSOP	56
GTLP18T612MTD	Fairchild Semiconductor		SN74GTLPH16912GR		S	TSSOP	56
GTLP18T612MTDX	Fairchild Semiconductor		SN74GTLPH16612GR		S	TSSOP	56
GTLP8T306MTC	Fairchild Semiconductor		SN74GTLPH306PW		S	TSSOP	24
GTLP8T306MTCX	Fairchild Semiconductor		SN74GTLPH306PWR		S	TSSOP	24
GTLP16612DGG	NXP Semiconductor	Discontinued DN-49, 06/30/2003	SN74GTLPH16612GR		S	TSSOP	56
GTLP16612DGG-T	NXP Semiconductor	Discontinued DN-49, 06/30/2003	SN74GTLPH16612GR		S	TSSOP	56
GTLP16612DL	NXP Semiconductor	Discontinued DN-49, 06/30/2003	SN74GTLPH16612DL		S	SSOP	56
GTLP16612DL-T	NXP Semiconductor	Discontinued DN-49, 06/30/2003	SN74GTLPH16612DLR		S	SSOP	56
HA1-4741-2	Intersil		LT1014MJB		S	CDIP	
HA17431FP	Hitachi America	VKA differs	TL431ACPSR		Q	SOP	8
HA17431FP	Hitachi America	VKA differs	TL431ACPW		Q	SOP	8
HA17431FP	Renesas Technology Corp.	4%, Anode connected to one pin, others NC	TL431ID	Anode connected to additional pins	Q	SOIC	8
HA17431FPA	Hitachi America	VKA differs	TL431ACPSR		Q	SOP	8
HA17431FPA	Hitachi America	VKA differs	TL431ACPW		Q	SOP	8
HA17431FPA	Renesas Technology Corp.	VKA differs	TL431ACDR		S	SOIC	8
HA17431FPA	Renesas Technology Corp.	2.2%, Anode connected to one pin, others NC	TL431ID	Anode connected to additional pins	Q	SOIC	8
HA17431FPAJ	Renesas Technology Corp.	2.2%, Anode connected to one pin, others NC	TL431ID	Anode connected to additional pins	Q	SOIC	8
HA17431FPJ	Renesas Technology Corp.	4%, Anode connected to one pin, others NC	TL431ID	Anode connected to additional pins	Q	SOIC	8
HA17431HLTP	Renesas Technology Corp.	1%	TL432AIDBZR	Also TL432AIDBZT	S	SOT-23	3
HA17431HP	Renesas Technology Corp.	IK differs	TL431AILP		S	TO-92	3
HA17431HUP	Renesas Technology Corp.	1%	TL431AIPK		S	SOT-89	3
HA17431HUP	Renesas Technology Corp.	IK differs	TL431IPK		S	SOT-89	3
HA17431P	Hitachi America	VKA differs	TL431ACLPE3		S	TO-92MOD	3
HA17431P	Hitachi America	VKA differs	TL431ACLPM		S	TO-92MOD	3
HA17431P	Hitachi America	VKA differs	TL431AILP		S	TO-92MOD	3
HA17431P	Hitachi America	VKA differs	TL431AILPME3		S	TO-92MOD	3
HA17431P	Renesas Technology Corp.	VKA differs	TL431ILP		S	TO-92MOD	3
HA17431PA	Hitachi America	VKA differs	TL431ACLPE3		S	TO-92MOD	3
HA17431PA	Hitachi America	VKA differs	TL431ACLPM		S	TO-92MOD	3
HA17431PA	Hitachi America	VKA differs	TL431AILP		S	TO-92MOD	3
HA17431PA	Hitachi America	VKA differs	TL431AILPME3		S	TO-92MOD	3
HA17431PA	Renesas Technology Corp.	IK, VKA differ	TL431ILP		S	TO-92	3
HA17431PAJ	Hitachi America	VKA differs	TL431ACLPE3		S	TO-92MOD	3
HA17431PAJ	Hitachi America	VKA differs	TL431ACLPM		S	TO-92MOD	3
HA17431PAJ	Hitachi America	VKA differs	TL431AILP		S	TO-92MOD	3
HA17431PAJ	Hitachi America	VKA differs	TL431AILPME3		S	TO-92MOD	3
HA17431PAJ	Renesas Technology Corp.	IK, VKA differ	TL431ILP		S	TO-92MOD	3
HA17431PJ	Hitachi America	VKA differs	TL431ACLPE3		S	TO-92MOD	3
HA17431PJ	Hitachi America	VKA differs	TL431ACLPM		S	TO-92MOD	3
HA17431PJ	Hitachi America	VKA differs	TL431AILP		S	TO-92MOD	3
HA17431PJ	Hitachi America	VKA differs	TL431AILPME3		S	TO-92MOD	3
HA17431PJ	Renesas Technology Corp.	VKA differs	TL431ILP		S	TO-92MOD	3
HA17431PNA	Renesas Technology Corp.	IK, VKA differ	TL431CLP		S	TO-92	3
HA17431PNA	Renesas Technology Corp.	IK, VKA differ	TL431ILP		S	TO-92	3
HA17431PNAJ	Renesas Technology Corp.	IK, VKA differ	TL431ILP		S	TO-92	3
HA17431UA	Hitachi America	VKA differs	TL431ACPK		Q	SOT-89	3
HA17431UA	Renesas Technology Corp.	IK, VKA differ	TL431CPK		Q	SOT-89	3
HA17431UA	Renesas Technology Corp.	2.2%	TL431IPK		S	SOT-89	3
HA17431UPA	Hitachi America	VKA differs	TL431ACPK		Q	UPAK	3
HA17431UPA	Renesas Technology Corp.	2.2%	TL431IPK		S	SOT-89	3
HA17431VLP	Renesas Technology Corp.	1%	TL432AIDBZR	Also TL432AIDBZT	S	SOT-23	3
HA17431VP	Hitachi America	VKA differs	TL431ACLPE3		Q	TO-92	3
HA17431VP	Hitachi America	VKA differs	TL431ACLPM		Q	TO-92	3
HA17431VP	Hitachi America	VKA differs	TL431AILP		Q	TO-92	3

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HA17431VP	Hitachi America	VKA differs	TL431AILPME3		Q	TO-92	3
HA17431VP	Renesas Technology Corp.	VKA differs	TL431AILP		S	TO-92	3
HA17431VPJ	Renesas Technology Corp.	VKA differs	TL431AILP		S	TO-92	3
HA17431VUP	Renesas Technology Corp.	1%	TL431AIPK		S	SOT-89	3
HA17432HLT	Renesas Technology Corp.	1%	TL431AIDBZR	Also TL431AIDBZT	S	SOT-23	3
HA17432HUP	Renesas Technology Corp.	1%	TL432AIPK		S	SOT-89	3
HA17432HUP	Renesas Technology Corp.	IK differs	TL432AIPKG3		S	SOT-89	3
HA17432UA	Renesas Technology Corp.	2.2%	TL432IPK		S	SOT-89	3
HA17432UA	Renesas Technology Corp.	VKA differs	TL432IPKG3		S	SOT-89	3
HA17432UPA	Renesas Technology Corp.	2.2%	TL432IPK		S	SOT-89	3
HA17432UPA	Renesas Technology Corp.	VKA differs	TL432IPKG3		S	SOT-89	3
HA17432VLTP	Renesas Technology Corp.	1%	TL431AIDBZR	Also TL431AIDBZT	S	SOT-23	3
HA17432VUP	Renesas Technology Corp.	1%	TL432AIPK		S	SOT-89	3
HA17432VUP	Renesas Technology Corp.	IK, VKA differ	TL432AIPKG3		Q	SOT-89	3
HA17555	Renesas Technology Corp.		NE555P		S	PDIP	8
HA17555F	Renesas Technology Corp.		NE555D	Packages differ in width, confirm applicability	Q	SON	8
HA17555FP	Renesas Technology Corp.		NE555D	Packages differ in width, confirm applicability	Q	SON	8
HA17555PS	Renesas Technology Corp.		NE555P		S	PDIP	8
HA17808V	Hitachi America	lout differs	UA7808CKCS		S	TO-220AB	3
HA17808VP	Hitachi America	lout differs	UA7808CKCS		S	TO-220AB	3
HA17808VPJ	Hitachi America	lout differs	UA7808CKCS		S	TO-220AB	3
HA17812V	Hitachi America	lout differs	UA7812CKCS		S	TO-220AB	3
HA17812V	Hitachi America	lout differs	UA7812CKCSE3		S	TO-220AB	3
HA17812VP	Hitachi America	lout differs	UA7812CKCS		S	TO-220AB	3
HA17812VP	Hitachi America	lout differs	UA7812CKCSE3		S	TO-220AB	3
HA17812VPJ	Hitachi America	lout differs	UA7812CKCS		S	TO-220AB	3
HA17812VPJ	Hitachi America	lout differs	UA7812CKCSE3		S	TO-220AB	3
HA178L05	Hitachi America	lout, Vin differ	UA78L05ACLPE3		S	TO-92	3
HA178L05	Hitachi America	lout, Vin differ	UA78L05ACLPE3		S	TO-92	3
HA178L05	Hitachi America	lout, Vin differ	UA78L05AILPE3		S	TO-92	3
HA178L08	Hitachi America	lout, Vin differ	UA78L08ACLPE3		S	TO-92	3
HA178L10	Hitachi America	lout, Vin differ	UA78L10ACLPE3		S	TO-92	3
HA178L12	Hitachi America	lout differs	UA78L12ACLPE3		S	TO-92	3
HA178L12	Hitachi America	lout differs	UA78L12ACLPE3		S	TO-92	3
HA178M08	Hitachi America	lout, Vin differ	TL750M08CKCE3		Q	TO-220AB	3
HA178M12	Hitachi America	lout, Vin differ	TL750M12CKC		Q	TO-220AB	3
HA178M12	Hitachi America	lout, Vin differ	TL750M12CKCE3		Q	TO-220AB	3
HA17L431ALP	Renesas Technology Corp.	VKA differs	TLV431AIDBVR		S	SOT-23	5
HA17L431ALP	Renesas Technology Corp.	VKA differs	TLV431CDBVR		Q	SOT-23	5
HA17L431ALTP	Renesas Technology Corp.	1%, 16V VKA	TLV431AIDBZR	6V VKA max	S	SOT-23	3
HA17L431AP	Renesas Technology Corp.	VKA differs	TLV431AILPE3		S	TO-92	3
HA17L431LP	Renesas Technology Corp.	1.5%, 16V VKA	TLV431IDBVR	6V VKA max	S	SOT-23	5
HA17L431P	Renesas Technology Corp.	1.5%, 16V VKA	TLV431ILP	6V VKA max	S	TO-92/TO-226	3
HA17L431P	Renesas Technology Corp.	VKA differs	TLV431ILPE3		S	TO-92	3
HA17L432UP	Renesas Technology Corp.		TLVH432IPK		S	SOT-89	3
HCF4001BEY	ST Microelectronics (STM)		CD4001BE		S	PDIP	14
HCF4001BM1	ST Microelectronics (STM)		CD4001BM		S	SOIC	14
HCF4001M013TR	ST Microelectronics (STM)		CD4001BM96		S	SOIC	14
HCF4002BEY	ST Microelectronics (STM)		CD4002BE		S	PDIP	14
HCF4002BM1	ST Microelectronics (STM)		CD4002BM		S	SOIC	14
HCF4002M013TR	ST Microelectronics (STM)		CD4002BM96		S	SOIC	14
HCF4007UBEY	ST Microelectronics (STM)		CD4007UBE		S	PDIP	14
HCF4007UBM1	ST Microelectronics (STM)		CD4007UBM		S	SOIC	14
HCF4007UM013TR	ST Microelectronics (STM)		CD4007UBM96		S	SOIC	14
HCF4009UBEY	ST Microelectronics (STM)		CD4009UBE		S	PDIP	16
HCF4009UBM1	ST Microelectronics (STM)		CD4009UBM		S	SOIC	16
HCF4009UM013TR	ST Microelectronics (STM)		CD4009UBM96		S	SOIC	16
HCF40102BEY	ST Microelectronics (STM)		CD40102BE		S	PDIP	16
HCF40103BEY	ST Microelectronics (STM)		CD40103BE		S	PDIP	16
HCF40105BEY	ST Microelectronics (STM)	Discontinued	CD40105BE		S	PDIP	16
HCF40106BEY	ST Microelectronics (STM)		CD40106BE		S	PDIP	14
HCF40106BM1	ST Microelectronics (STM)		CD40106BM		S	SOIC	14
HCF40106M013TR	ST Microelectronics (STM)		CD40106BM96		S	SOIC	14
HCF40107BEY	ST Microelectronics (STM)		CD40107BE		S	PDIP	8

HA17431VP — HCF40107BEY

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HCF40107BM1	ST Microelectronics (STM)		CD40107BM		S	SOIC	8
HCF40107M013TR	ST Microelectronics (STM)		CD40107BM96		S	SOIC	8
HCF40109BEY	ST Microelectronics (STM)		CD40109BE		S	PDIP	16
HCF4010BEY	ST Microelectronics (STM)		CD4010BE		S	PDIP	16
HCF4010BM1	ST Microelectronics (STM)		CD4010BM		S	SOIC	16
HCF4010M013TR	ST Microelectronics (STM)		CD4010BM96		S	SOIC	16
HCF40110BEY	ST Microelectronics (STM)		CD40110BE		S	PDIP	16
HCF4011BEY	ST Microelectronics (STM)		CD4011BE		S	PDIP	14
HCF4011BM1	ST Microelectronics (STM)		CD4011BM		S	SOIC	14
HCF4011M013TR	ST Microelectronics (STM)		CD4011BM96		S	SOIC	14
HCF4012BEY	ST Microelectronics (STM)		CD4012BE		S	PDIP	14
HCF4012BM1	ST Microelectronics (STM)		CD4012BM		S	SOIC	14
HCF4012M013TR	ST Microelectronics (STM)		CD4012BM96		S	SOIC	14
HCF4013BEY	ST Microelectronics (STM)		CD4013BE		S	PDIP	14
HCF4013BM1	ST Microelectronics (STM)		CD4013BM		S	SOIC	14
HCF4013M013TR	ST Microelectronics (STM)		CD4013BM96		S	SOIC	14
HCF40147BEY	ST Microelectronics (STM)		CD40147BE		S	PDIP	16
HCF40147BM1	ST Microelectronics (STM)		CD40147BM		S	SOIC	16
HCF40147M013TR	ST Microelectronics (STM)		CD40147BM96		S	SOIC	16
HCF4014BEY	ST Microelectronics (STM)		CD4014BE		S	PDIP	16
HCF4014BM1	ST Microelectronics (STM)		CD4014BM		S	SOIC	16
HCF4014M013TR	ST Microelectronics (STM)		CD4014BM96		S	SOIC	16
HCF4015BEY	ST Microelectronics (STM)		CD4015BE		S	PDIP	16
HCF4015BM1	ST Microelectronics (STM)		CD4015BM		S	SOIC	16
HCF4015M013TR	ST Microelectronics (STM)		CD4015BM96		S	SOIC	16
HCF40161BEY	ST Microelectronics (STM)		CD40161BE		S	PDIP	16
HCF4016BEY	ST Microelectronics (STM)		CD4016BE		S	PDIP	14
HCF4016BM1	ST Microelectronics (STM)		CD4016BM		S	SOIC	14
HCF4016M013TR	ST Microelectronics (STM)		CD4016BM96		S	SOIC	14
HCF40174BEY	ST Microelectronics (STM)		CD40174BE		S	PDIP	16
HCF40174BM1	ST Microelectronics (STM)		CD40174BM		S	SOIC	16
HCF40174M013TR	ST Microelectronics (STM)		CD40174BM96		S	SOIC	16
HCF4017BEY	ST Microelectronics (STM)		CD4017BE		S	PDIP	16
HCF4017BM1	ST Microelectronics (STM)		CD4017BM		S	SOIC	16
HCF4017M013TR	ST Microelectronics (STM)		CD4017BM96		S	SOIC	16
HCF4018BEY	ST Microelectronics (STM)		CD4018BE		S	PDIP	16
HCF4018BM1	ST Microelectronics (STM)		CD4018BM		S	SOIC	16
HCF4018M013TR	ST Microelectronics (STM)		CD4018BM96		S	SOIC	16
HCF40192BEY	ST Microelectronics (STM)		CD40192BE		S	PDIP	16
HCF40193BEY	ST Microelectronics (STM)		CD40193BE		S	PDIP	16
HCF40194BEY	ST Microelectronics (STM)		CD40194BE		S	PDIP	16
HCF4019BEY	ST Microelectronics (STM)		CD4019BE		S	PDIP	16
HCF4019BM1	ST Microelectronics (STM)		CD4019BM		S	SOIC	16
HCF4019M013TR	ST Microelectronics (STM)		CD4019BM96		S	SOIC	16
HCF4020BEY	ST Microelectronics (STM)		CD4020BE		S	PDIP	16
HCF4021BEY	ST Microelectronics (STM)		CD4021BE		S	PDIP	16
HCF4021BM1	ST Microelectronics (STM)		CD4021BM		S	SOIC	16
HCF4021M013TR	ST Microelectronics (STM)		CD4021BM96		S	SOIC	16
HCF4022BEY	ST Microelectronics (STM)		CD4022BE		S	PDIP	16
HCF4023BEY	ST Microelectronics (STM)	Discontinued	CD4023BE		S	PDIP	14
HCF4023BM1	ST Microelectronics (STM)	Discontinued	CD4023BM		S	SOIC	14
HCF4023M013TR	ST Microelectronics (STM)	Discontinued	CD4023BM96		S	SOIC	14
HCF4024BEY	ST Microelectronics (STM)		CD4024BE		S	PDIP	14
HCF4024BM1	ST Microelectronics (STM)		CD4024BM		S	SOIC	14
HCF4024M013TR	ST Microelectronics (STM)		CD4024BM96		S	SOIC	14
HCF40257BEY	ST Microelectronics (STM)		CD40257BE		S	PDIP	16
HCF40257BM1	ST Microelectronics (STM)		CD40257BM		S	SOIC	16
HCF40257M013TR	ST Microelectronics (STM)		CD40257BM96		S	SOIC	16
HCF4025BEY	ST Microelectronics (STM)		CD4025BE		S	PDIP	14
HCF4025BM1	ST Microelectronics (STM)		CD4025BM		S	SOIC	14
HCF4025M013TR	ST Microelectronics (STM)		CD4025BM96		S	SOIC	14
HCF4026BEY	ST Microelectronics (STM)		CD4026BE		S	PDIP	16
HCF4027BEY	ST Microelectronics (STM)		CD4027BE		S	PDIP	16
HCF4027BM1	ST Microelectronics (STM)		CD4027BM		S	SOIC	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HCF4027M013TR	ST Microelectronics (STM)		CD4027BM96		S	SOIC	16
HCF4027M013TR	ST Microelectronics (STM)	tpd differs	CD4027BMT		S	SOIC	16
HCF4028BEY	ST Microelectronics (STM)		CD4028BE		S	PDIP	16
HCF4028BM1	ST Microelectronics (STM)		CD4028BM		S	SOIC	16
HCF4028M013TR	ST Microelectronics (STM)		CD4028BM96		S	SOIC	16
HCF4029BEY	ST Microelectronics (STM)		CD4029BE		S	PDIP	16
HCF4029BM1	ST Microelectronics (STM)		CD4029BM		S	SOIC	16
HCF4029M013TR	ST Microelectronics (STM)		CD4029BM96		S	SOIC	16
HCF4030B013TR	ST Microelectronics (STM)		CD4030BM96		S	SOIC	14
HCF4030BEY	ST Microelectronics (STM)		CD4030BE		S	PDIP	14
HCF4030BM1	ST Microelectronics (STM)		CD4030BM		S	SOIC	14
HCF4030M013TR	ST Microelectronics (STM)		CD4030BM96		S	SOIC	14
HCF4031BEY	ST Microelectronics (STM)		CD4031BE		S	PDIP	16
HCF4033BEY	ST Microelectronics (STM)		CD4033BE		S	PDIP	16
HCF4034BEY	ST Microelectronics (STM)		CD4034BE		S	PDIP	24
HCF4034BM1	ST Microelectronics (STM)		CD4034BM		S	SOIC	24
HCF4034M013TR	ST Microelectronics (STM)		CD4034BM96		S	SOIC	24
HCF4035BEY	ST Microelectronics (STM)		CD4035BE		S	PDIP	16
HCF4035BM1	ST Microelectronics (STM)		CD4035BM		S	SOIC	16
HCF4035M013TR	ST Microelectronics (STM)		CD4035BM96		S	SOIC	16
HCF4040BEY	ST Microelectronics (STM)		CD4040BE		S	PDIP	16
HCF4040BM1	ST Microelectronics (STM)		CD4040BM		S	SOIC	16
HCF4040M013TR	ST Microelectronics (STM)		CD4040BM96		S	SOIC	16
HCF4041UBEY	ST Microelectronics (STM)		CD4041UBE		S	PDIP	14
HCF4041UBM1	ST Microelectronics (STM)		CD4041UBM		S	SOIC	14
HCF4041UM013TR	ST Microelectronics (STM)		CD4041UBM96		S	SOIC	14
HCF4042BEY	ST Microelectronics (STM)		CD4042BE		S	PDIP	16
HCF4042BM1	ST Microelectronics (STM)		CD4042BD		S	SOIC	16
HCF4042M013TR	ST Microelectronics (STM)		CD4042BDR		S	SOIC	16
HCF4043BEY	ST Microelectronics (STM)		CD4043BE		S	PDIP	16
HCF4043BM1	ST Microelectronics (STM)		CD4043BD		S	SOIC	16
HCF4043BM1	ST Microelectronics (STM)		CD4043BNSR		S	SOP	16
HCF4043M013TR	ST Microelectronics (STM)		CD4043BDR		S	SOIC	16
HCF4044BEY	ST Microelectronics (STM)		CD4044BE		S	PDIP	16
HCF4044BM1	ST Microelectronics (STM)		CD4044BD		S	SOIC	16
HCF4044M013TR	ST Microelectronics (STM)		CD4044BDR		S	SOIC	16
HCF4045BEY	ST Microelectronics (STM)		CD4045BE		S	PDIP	16
HCF4046BEY	ST Microelectronics (STM)		CD4046BE		S	PDIP	16
HCF4047BEY	ST Microelectronics (STM)		CD4047BE		S	PDIP	14
HCF4047BM1	ST Microelectronics (STM)		CD4047BM		S	SOIC	14
HCF4047M013TR	ST Microelectronics (STM)		CD4047BM96		S	SOIC	14
HCF4048BEY	ST Microelectronics (STM)		CD4048BE		S	PDIP	16
HCF4048BM1	ST Microelectronics (STM)		CD4048BM		S	SOIC	16
HCF4048M013TR	ST Microelectronics (STM)		CD4048BM96		S	SOIC	16
HCF4049UBEY	ST Microelectronics (STM)		CD4049UBE		S	PDIP	16
HCF4049UBM1	ST Microelectronics (STM)		CD4049UBD		S	SOIC	16
HCF4049UM013TR	ST Microelectronics (STM)		CD4049UBDR		S	SOIC	16
HCF4050BEY	ST Microelectronics (STM)		CD4050BE		S	PDIP	16
HCF4050BM1	ST Microelectronics (STM)		CD4050BD		S	SOIC	16
HCF4050M013TR	ST Microelectronics (STM)		CD4050BDR		S	SOIC	16
HCF4051BEY	ST Microelectronics (STM)		CD4051BE		S	PDIP	16
HCF4051BM1	ST Microelectronics (STM)		CD4051BM		S	SOIC	16
HCF4051M013TR	ST Microelectronics (STM)		CD4051BM96		S	SOIC	16
HCF4052BEY	ST Microelectronics (STM)		CD4052BE		S	PDIP	16
HCF4052BM1	ST Microelectronics (STM)		CD4052BM		S	SOIC	16
HCF4052M013TR	ST Microelectronics (STM)		CD4052BM96		S	SOIC	16
HCF4053BEY	ST Microelectronics (STM)		CD4053BE		S	PDIP	16
HCF4053BM1	ST Microelectronics (STM)		CD4053BM		S	SOIC	16
HCF4053M013TR	ST Microelectronics (STM)		CD4053BM96		S	SOIC	16
HCF4054BEY	ST Microelectronics (STM)		CD4054BE		S	PDIP	16
HCF4054BM1	ST Microelectronics (STM)		CD4054BM		S	SOIC	16
HCF4054M013TR	ST Microelectronics (STM)		CD4054BM96		S	SOIC	16
HCF4055BEY	ST Microelectronics (STM)		CD4055BE		S	PDIP	16
HCF4055BM1	ST Microelectronics (STM)		CD4055BM		S	SOIC	16

HCF4027M013TR — HCF4055BM1

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HCF4055M013TR	ST Microelectronics (STM)		CD4055BM96		S	SOIC	16
HCF4056BEY	ST Microelectronics (STM)		CD4056BE		S	PDIP	16
HCF4056BM1	ST Microelectronics (STM)		CD4056BM		S	SOIC	16
HCF4056M013TR	ST Microelectronics (STM)		CD4056BM96		S	SOIC	16
HCF4060BEY	ST Microelectronics (STM)		CD4060BE		S	PDIP	16
HCF4060BM1	ST Microelectronics (STM)		CD4060BM		S	SOIC	16
HCF4060M013TR	ST Microelectronics (STM)		CD4060BM96		S	SOIC	16
HCF4063BEY	ST Microelectronics (STM)		CD4063BE		S	PDIP	16
HCF4063BM1	ST Microelectronics (STM)		CD4063BM		S	SOIC	16
HCF4063M013TR	ST Microelectronics (STM)		CD4063BM96		S	SOIC	16
HCF4066BEY	ST Microelectronics (STM)		CD4066BE		S	PDIP	14
HCF4066BM1	ST Microelectronics (STM)		CD4066BM		S	SOIC	14
HCF4066M013TR	ST Microelectronics (STM)		CD4066BM96		S	SOIC	14
HCF4067BM1	ST Microelectronics (STM)		CD4067BM		S	SOIC	24
HCF4067M013TR	ST Microelectronics (STM)		CD4067BM96		S	SOIC	24
HCF4068BEY	ST Microelectronics (STM)		CD4068BE		S	PDIP	14
HCF4068BM1	ST Microelectronics (STM)		CD4068BM		S	SOIC	14
HCF4068M013TR	ST Microelectronics (STM)		CD4068BM96		S	SOIC	14
HCF4069UBEY	ST Microelectronics (STM)		CD4069UBE		S	PDIP	14
HCF4069UBM1	ST Microelectronics (STM)		CD4069UBM		S	SOIC	14
HCF4069UM013TR	ST Microelectronics (STM)		CD4069UBM96		S	SOIC	14
HCF4070BEY	ST Microelectronics (STM)		CD4070BE		S	PDIP	14
HCF4070BM1	ST Microelectronics (STM)		CD4070BM		S	SOIC	14
HCF4070M013TR	ST Microelectronics (STM)		CD4070BM96		S	SOIC	14
HCF4071BEY	ST Microelectronics (STM)		CD4071BE		S	PDIP	14
HCF4071BM1	ST Microelectronics (STM)		CD4071BM		S	SOIC	14
HCF4071M013TR	ST Microelectronics (STM)		CD4071BM96		S	SOIC	14
HCF4072BEY	ST Microelectronics (STM)		CD4072BE		S	PDIP	14
HCF4072BM1	ST Microelectronics (STM)		CD4072BM		S	SOIC	14
HCF4072M013TR	ST Microelectronics (STM)		CD4072BM96		S	SOIC	14
HCF4073BEY	ST Microelectronics (STM)		CD4073BE		S	PDIP	14
HCF4073BM1	ST Microelectronics (STM)		CD4073BM		S	SOIC	14
HCF4073M013TR	ST Microelectronics (STM)		CD4073BM96		S	SOIC	14
HCF4075BEY	ST Microelectronics (STM)		CD4075BE		S	PDIP	14
HCF4075BM1	ST Microelectronics (STM)		CD4075BM		S	SOIC	14
HCF4075M013TR	ST Microelectronics (STM)		CD4075BM96		S	SOIC	14
HCF4076BEY	ST Microelectronics (STM)		CD4076BE		S	PDIP	16
HCF4076BM1	ST Microelectronics (STM)		CD4076BM		S	SOIC	16
HCF4076M013TR	ST Microelectronics (STM)		CD4076BM96		S	SOIC	16
HCF4077BEY	ST Microelectronics (STM)		CD4077BE		S	PDIP	14
HCF4077BM1	ST Microelectronics (STM)		CD4077BM		S	SOIC	14
HCF4077M013TR	ST Microelectronics (STM)		CD4077BM96		S	SOIC	14
HCF4078BEY	ST Microelectronics (STM)		CD4078BE		S	PDIP	14
HCF4078BM1	ST Microelectronics (STM)		CD4078BM		S	SOIC	14
HCF4078M013TR	ST Microelectronics (STM)		CD4078BM96		S	SOIC	14
HCF4081BEY	ST Microelectronics (STM)		CD4081BE		S	PDIP	14
HCF4081BM1	ST Microelectronics (STM)		CD4081BM		S	SOIC	14
HCF4081M013TR	ST Microelectronics (STM)		CD4081BM96		S	SOIC	14
HCF4082BEY	ST Microelectronics (STM)	Discontinued	CD4082BE		S	PDIP	14
HCF4082BM1	ST Microelectronics (STM)	Discontinued	CD4082BM		S	SOIC	14
HCF4082M013TR	ST Microelectronics (STM)	Discontinued	CD4082BM96		S	SOIC	14
HCF4085BEY	ST Microelectronics (STM)		CD4085BE		S	PDIP	14
HCF4085BM1	ST Microelectronics (STM)		CD4085BM		S	SOIC	14
HCF4085M013TR	ST Microelectronics (STM)		CD4085BM96		S	SOIC	14
HCF4086BEY	ST Microelectronics (STM)		CD4086BE		S	PDIP	14
HCF4086BM1	ST Microelectronics (STM)		CD4086BM		S	SOIC	14
HCF4086M013TR	ST Microelectronics (STM)		CD4086BM96		S	SOIC	14
HCF4089BEY	ST Microelectronics (STM)		CD4089BE		S	PDIP	16
HCF4093BEY	ST Microelectronics (STM)		CD4093BE		S	PDIP	14
HCF4093BM1	ST Microelectronics (STM)		CD4093BM		S	SOIC	14
HCF4093M013TR	ST Microelectronics (STM)		CD4093BM96		S	SOIC	14
HCF4094BEY	ST Microelectronics (STM)		CD4094BE		S	PDIP	16
HCF4097BM1	ST Microelectronics (STM)		CD4097BM		S	SOIC	24
HCF4097M013TR	ST Microelectronics (STM)		CD4097BM96		S	SOIC	24

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HCF4098BEY	ST Microelectronics (STM)		CD4098BE		S	PDIP	16
HCF4098BM1	ST Microelectronics (STM)		CD4098BM		S	SOIC	16
HCF4098M013TR	ST Microelectronics (STM)		CD4098BM96		S	SOIC	16
HCF4099BEY	ST Microelectronics (STM)		CD4099BE		S	PDIP	16
HCF4099BM1	ST Microelectronics (STM)		CD4099BM		S	SOIC	16
HCF4099M013TR	ST Microelectronics (STM)		CD4099BM96		S	SOIC	16
HCF4502BEY	ST Microelectronics (STM)		CD4502BE		S	PDIP	16
HCF4502BM1	ST Microelectronics (STM)		CD4502BM		S	SOIC	16
HCF4502M013TR	ST Microelectronics (STM)		CD4502BM96		S	SOIC	16
HCF4503BEY	ST Microelectronics (STM)		CD4503BE		S	PDIP	16
HCF4503BM1	ST Microelectronics (STM)		CD4503BM		S	SOIC	16
HCF4503M013TR	ST Microelectronics (STM)		CD4503BM96		S	SOIC	16
HCF4508BM1	ST Microelectronics (STM)		CD4508BM		S	SOIC	24
HCF4508M013TR	ST Microelectronics (STM)		CD4508BM96		S	SOIC	24
HCF4510BEY	ST Microelectronics (STM)		CD4510BE		S	PDIP	16
HCF4511BEY	ST Microelectronics (STM)		CD4511BE		S	PDIP	16
HCF4512BEY	ST Microelectronics (STM)		CD4512BE		S	PDIP	16
HCF4512BM1	ST Microelectronics (STM)		CD4512BM		S	SOIC	16
HCF4512M013TR	ST Microelectronics (STM)		CD4512BM96		S	SOIC	16
HCF4514BM1	ST Microelectronics (STM)		CD4514BM		S	SOIC	24
HCF4514M013TR	ST Microelectronics (STM)		CD4514BM96		S	SOIC	24
HCF4515BM1	ST Microelectronics (STM)		CD4515BM		S	SOIC	24
HCF4515M013TR	ST Microelectronics (STM)		CD4515BM96		S	SOIC	24
HCF4516BEY	ST Microelectronics (STM)		CD4516BE		S	PDIP	16
HCF4517BEY	ST Microelectronics (STM)		CD4517BE		S	PDIP	16
HCF4517BF	ST Microelectronics (STM)		CD4517BE	PDIP not CerDIP	S	CDIP	16
HCF4518BEY	ST Microelectronics (STM)		CD4518BE		S	PDIP	16
HCF4518BM1	ST Microelectronics (STM)		CD4518BM		S	SOIC	16
HCF4518M013TR	ST Microelectronics (STM)		CD4518BM96		S	SOIC	16
HCF4520BEY	ST Microelectronics (STM)		CD4520BE		S	PDIP	16
HCF4520BM1	ST Microelectronics (STM)		CD4520BM		S	SOIC	16
HCF4520M013TR	ST Microelectronics (STM)		CD4520BM96		S	SOIC	16
HCF4521B013TR	ST Microelectronics (STM)	Discontinued	CD4521BM96		S	SOIC	16
HCF4521BEY	ST Microelectronics (STM)	Discontinued	CD4521BE		S	PDIP	16
HCF4521BM1	ST Microelectronics (STM)	Discontinued	CD4521BM		S	SOIC	16
HCF4527BEY	ST Microelectronics (STM)		CD4527BE		S	PDIP	16
HCF4532BEY	ST Microelectronics (STM)		CD4532BE		S	PDIP	16
HCF4532BM1	ST Microelectronics (STM)		CD4532BM		S	SOIC	16
HCF4532M013TR	ST Microelectronics (STM)		CD4532BM96		S	SOIC	16
HCF4536BEY	ST Microelectronics (STM)		CD4536BE		S	PDIP	16
HCF4538BEY	ST Microelectronics (STM)		CD14538BE		S	PDIP	16
HCF4538BM1	ST Microelectronics (STM)		CD14538BM		S	SOIC	16
HCF4538M013TR	ST Microelectronics (STM)		CD14538BM96		S	SOIC	16
HCF4541BEY	ST Microelectronics (STM)		CD4541BE		S	PDIP	14
HCF4541BM1	ST Microelectronics (STM)		CD4541BM		S	SOIC	14
HCF4541M013TR	ST Microelectronics (STM)		CD4541BM96		S	SOIC	14
HCF4543BEY	ST Microelectronics (STM)		CD4543BE		S	PDIP	16
HCF4543BM1	ST Microelectronics (STM)		CD4543BM		S	SOIC	16
HCF4543M013TR	ST Microelectronics (STM)		CD4543BM96		S	SOIC	16
HCF4555BEY	ST Microelectronics (STM)		CD4555BE		S	PDIP	16
HCF4555BM1	ST Microelectronics (STM)		CD4555BM		S	SOIC	16
HCF4555M013TR	ST Microelectronics (STM)		CD4555BM96		S	SOIC	16
HCF4556BEY	ST Microelectronics (STM)		CD4556BE		S	PDIP	16
HCF4556BM1	ST Microelectronics (STM)		CD4556BM		S	SOIC	16
HCF4556M013TR	ST Microelectronics (STM)		CD4556BM96		S	SOIC	16
HCF4585BEY	ST Microelectronics (STM)		CD4585BE		S	PDIP	16
HCF4724BEY	ST Microelectronics (STM)		CD4724BE		S	PDIP	16
HD26C31FPEL	Renesas Technology Corp.		AM26C31INSR		S	SOP-EIAJ-II	16
HD26C32AFPEL	Renesas Technology Corp.		AM26C32INSR		Q	SOP-EIAJ-II	16
HD26C32AP	Renesas Technology Corp.		AM26C32IN		Q	PDIP	16
HD26LS31P	Renesas Technology Corp.		AM26LS31CN		S	PDIP	16
HD26LS32AP	Renesas Technology Corp.		AM26LS32ACN		S	PDIP	16
HD26LS32FPEL	Renesas Technology Corp.		AM26LS32ACNSR		S	SOP-EIAJ-II	16
HD26LS32P	Renesas Technology Corp.		AM26LS32ACN		S	PDIP	16

HCF4098BEY — HD26LS32P

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HD29468P	Renesas Technology Corp.		SN751730N		Q	PDIP	16
HD74AC00FPEL	Renesas Technology Corp.		SN74AC00NSR		S	SOP-EIAJ-II	14
HD74AC00P	Renesas Technology Corp.	tpd differs	CD74AC00E		S	PDIP	14
HD74AC00RPEL	Renesas Technology Corp.	tpd differs	CD74AC00M96		S	SOIC	14
HD74AC00TELL	Renesas Technology Corp.		SN74AC00PWR		S	TSSOP	14
HD74AC02P	Renesas Technology Corp.		CD74AC02E		S	PDIP	14
HD74AC02RPEL	Renesas Technology Corp.		CD74AC02M96		S	SOIC	14
HD74AC04FPEL	Renesas Technology Corp.		SN74AC04NSR		S	SOP-EIAJ-II	14
HD74AC04P	Renesas Technology Corp.		CD74AC04E		S	PDIP	14
HD74AC04RPEL	Renesas Technology Corp.		CD74AC04M96		S	SOP	14
HD74AC04TELL	Renesas Technology Corp.		SN74AC04PWR		S	TSSOP	14
HD74AC08FP	Hitachi America		SN74AC08NSR		S	SOP-EIAJ-II	14
HD74AC08FPEL	Renesas Technology Corp.		SN74AC08NSR		S	SOP-EIAJ-II	14
HD74AC08P	Renesas Technology Corp.	tpd differs	CD74AC08E		S	PDIP	14
HD74AC08P	Hitachi America		SN74AC08N		S	PDIP	14
HD74AC08RP	Hitachi America		SN74AC08D		S	SOIC	14
HD74AC08RP	Renesas Technology Corp.		SN74AC08D		S	SOIC	14
HD74AC08RPEL	Renesas Technology Corp.	tpd differs	CD74AC08M96		S	SOIC	14
HD74AC08TELL	Renesas Technology Corp.		SN74AC08PWR		S	TSSOP	14
HD74AC112RPEL	Renesas Technology Corp.		CD74AC112M96		S	SOIC	16
HD74AC138P	Renesas Technology Corp.		CD74AC138E		S	PDIP	16
HD74AC138RPEL	Renesas Technology Corp.		CD74AC138M96		S	SOIC	16
HD74AC139P	Renesas Technology Corp.		CD74AC139E		S	PDIP	16
HD74AC139RPEL	Renesas Technology Corp.		CD74AC139M96		S	SOIC	16
HD74AC14FPEL	Renesas Technology Corp.		SN74AC14NSR		S	SOP-EIAJ-II	14
HD74AC14P	Renesas Technology Corp.		CD74AC14E		S	PDIP	14
HD74AC14TELL	Renesas Technology Corp.		SN74AC14PWR		S	TSSOP	14
HD74AC153RPEL	Renesas Technology Corp.		CD74AC153M96		S	SOIC	16
HD74AC157P	Renesas Technology Corp.	tpd differs	CD74AC157E		S	PDIP	16
HD74AC157RPEL	Renesas Technology Corp.		CD74AC157M96		S	SOIC	16
HD74AC164P	Renesas Technology Corp.		CD74AC164E		S	PDIP	14
HD74AC164RP	Renesas Technology Corp.	tpd differs	CD74AC164M		S	SOIC	14
HD74AC164RPEL	Renesas Technology Corp.		CD74AC164M96		S	SOIC	14
HD74AC174RP	Hitachi America	tpd differs	CD74AC174M96		S	SOIC	16
HD74AC174RPEL	Renesas Technology Corp.		CD74AC174M96		S	SOIC	16
HD74AC175FPEL	Renesas Technology Corp.		CD74AC175NSR		S	SOP-EIAJ-II	16
HD74AC175RP	Hitachi America	tpd differs	CD74AC175M		S	SOIC	16
HD74AC175RP	Hitachi America	tpd differs	CD74AC175M96		S	SOIC	16
HD74AC175RPEL	Renesas Technology Corp.		CD74AC175M96		S	SOIC	16
HD74AC240FPEL	Renesas Technology Corp.		SN74AC240NSR		S	SOP-EIAJ-II	20
HD74AC240P	Renesas Technology Corp.	tpd, Vs differ	CD74AC240E		S	PDIP	20
HD74AC240RPEL	Renesas Technology Corp.	tpd, Vs differ	CD74AC240M96		S	SOIC	20
HD74AC240TELL	Renesas Technology Corp.		SN74AC240PWR		S	TSSOP	20
HD74AC244FPEL	Renesas Technology Corp.		SN74AC244NSR		S	SOP-EIAJ-II	20
HD74AC244P	Renesas Technology Corp.	tpd, Vs differ	CD74AC244E		S	PDIP	20
HD74AC244RPEL	Renesas Technology Corp.	tpd, Vs differ	CD74AC244M96		S	SOIC	20
HD74AC244TELL	Renesas Technology Corp.		SN74AC244PWR		S	TSSOP	20
HD74AC245FPEL	Renesas Technology Corp.		SN74AC245NSR		S	SOP-EIAJ-II	20
HD74AC245P	Renesas Technology Corp.	tpd differs	CD74AC245E		S	PDIP	20
HD74AC245P	Renesas Technology Corp.		SN74AC245N		S	PDIP	20
HD74AC245P	Hitachi America		SN74AC245N		S	PDIP	20
HD74AC245RP	Renesas Technology Corp.		SN74AC245DW		S	SOIC	20
HD74AC245RP	Hitachi America		SN74AC245DW		S	SOIC	20
HD74AC245RPEL	Renesas Technology Corp.	tpd differs	CD74AC245M96		S	SOP	20
HD74AC245TELL	Renesas Technology Corp.		SN74AC245PWR		S	TSSOP	20
HD74AC273P	Renesas Technology Corp.		CD74AC273E		S	PDIP	20
HD74AC273RPEL	Renesas Technology Corp.		CD74AC273M96		S	SOIC	20
HD74AC280RPEL	Renesas Technology Corp.		CD74AC280M96		S	SOIC	14
HD74AC283P	Renesas Technology Corp.		CD74AC283E		S	PDIP	16
HD74AC283RPEL	Renesas Technology Corp.		CD74AC283M96		S	SOIC	16
HD74AC32FPEL	Renesas Technology Corp.		SN74AC32NSR		S	SOP-EIAJ-II	14
HD74AC32P	Renesas Technology Corp.	tpd differs	CD74AC32E		S	PDIP	14
HD74AC32RPEL	Renesas Technology Corp.	tpd differs	CD74AC32M96		S	SOIC	14
HD74AC32TELL	Renesas Technology Corp.		SN74AC32PWR		S	TSSOP	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HD74AC373FPEL	Renesas Technology Corp.		SN74AC373NSR		S	SOP-EIAJ-II	20
HD74AC373P	Renesas Technology Corp.		CD74AC373E		S	PDIP	20
HD74AC373RPEL	Renesas Technology Corp.		CD74AC373M96		S	SOP	20
HD74AC373TELL	Renesas Technology Corp.		SN74AC373PWR		S	TSSOP	20
HD74AC374FPEL	Renesas Technology Corp.		SN74AC374NSR		S	SOP-EIAJ-II	20
HD74AC374P	Renesas Technology Corp.	tpd differs	CD74AC374E		S	PDIP	20
HD74AC374P	Hitachi America	tpd differs	SN74AC374N		S	PDIP	20
HD74AC374RP	Hitachi America	tpd differs	SN74AC374DW		S	SOIC	20
HD74AC374RPEL	Renesas Technology Corp.	tpd differs	CD74AC374M96		S	SOIC	20
HD74AC374TELL	Renesas Technology Corp.		SN74AC374PWR		S	TSSOP	20
HD74AC74FPEL	Renesas Technology Corp.		SN74AC74NSR		S	SOP-EIAJ-II	14
HD74AC74P	Renesas Technology Corp.	tpd differs	CD74AC74E		S	PDIP	14
HD74AC74RPEL	Renesas Technology Corp.	tpd differs	CD74AC74M96		S	SOIC	14
HD74AC74TELL	Renesas Technology Corp.		SN74AC74PWR		S	TSSOP	14
HD74AC86FPEL	Renesas Technology Corp.		SN74AC86NSR		S	SOP-EIAJ-II	14
HD74AC86P	Hitachi America	tpd differs	CD74AC86E		S	PDIP	14
HD74AC86P	Renesas Technology Corp.	tpd differs	CD74AC86E		S	PDIP	14
HD74AC86P	Hitachi America	tpd differs	SN74AC86N		S	PDIP	14
HD74AC86P	Renesas Technology Corp.	tpd differs	SN74AC86N		S	PDIP	14
HD74AC86RP	Hitachi America	tpd differs	CD74AC86M		S	SOIC	14
HD74AC86RP	Renesas Technology Corp.	tpd differs	CD74AC86M		S	SOIC	14
HD74AC86RP	Renesas Technology Corp.	tpd differs	SN74AC86D		S	SOIC	14
HD74AC86RP	Renesas Technology Corp.	tpd differs	SN74AC86DE4		S	SOIC	14
HD74AC86RPEL	Renesas Technology Corp.	tpd differs	CD74AC86M96		S	SOIC	14
HD74ACT112RPEL	Renesas Technology Corp.		CD74ACT112M96		S	SOIC	16
HD74ACT138P	Renesas Technology Corp.		CD74ACT138E		S	PDIP	16
HD74ACT138RPEL	Renesas Technology Corp.		CD74ACT138M96		S	SOIC	16
HD74ACT139P	Renesas Technology Corp.		CD74ACT139E		S	PDIP	16
HD74ACT139RPEL	Renesas Technology Corp.		CD74ACT139M96		S	SOIC	16
HD74ACT161RPEL	Renesas Technology Corp.		CD74ACT161M96		S	SOIC	16
HD74ACT163RPEL	Renesas Technology Corp.		CD74ACT163M96		S	SOIC	16
HD74ACT164P	Renesas Technology Corp.		CD74ACT164E		S	PDIP	14
HD74ACT164RP	Renesas Technology Corp.	tpd, Vs differ	CD74ACT164M		S	SOIC	14
HD74ACT164RPEL	Renesas Technology Corp.		CD74ACT164M96		S	SOIC	14
HD74ACT240FPEL	Renesas Technology Corp.		SN74ACT240NSR		S	SOP-EIAJ-II	20
HD74ACT240P	Renesas Technology Corp.	tpd differs	CD74ACT240E		S	PDIP	20
HD74ACT240RPEL	Renesas Technology Corp.	tpd differs	CD74ACT240M96		S	SOIC	20
HD74ACT240TELL	Renesas Technology Corp.		SN74ACT240PWR		S	TSSOP	20
HD74ACT244FPEL	Renesas Technology Corp.		SN74ACT244NSR		S	SOP-EIAJ-II	20
HD74ACT244P	Renesas Technology Corp.	tpd differs	CD74ACT244E		S	PDIP	20
HD74ACT244RPEL	Renesas Technology Corp.	tpd differs	CD74ACT244M96		S	SOIC	20
HD74ACT244TELL	Renesas Technology Corp.		SN74ACT244PWR		S	TSSOP	20
HD74ACT245FPEL	Renesas Technology Corp.		SN74ACT245NSR		S	SOP-EIAJ-II	20
HD74ACT245P	Renesas Technology Corp.	tpd differs	CD74ACT245E		S	PDIP	20
HD74ACT245P	Renesas Technology Corp.		SN74ACT245N		S	PDIP	20
HD74ACT245P	Hitachi America		SN74ACT245N		S	PDIP	20
HD74ACT245RP	Renesas Technology Corp.		SN74ACT245DW		S	SOIC	20
HD74ACT245RPEL	Renesas Technology Corp.	tpd differs	CD74ACT245M96		S	SOP	20
HD74ACT245TELL	Renesas Technology Corp.		SN74ACT245PWR		S	TSSOP	20
HD74ACT283P	Renesas Technology Corp.		CD74ACT283E		S	PDIP	16
HD74ACT283RPEL	Renesas Technology Corp.		CD74ACT283M96		S	SOIC	16
HD74ACT373FPEL	Renesas Technology Corp.		SN74ACT373NSR		S	SOP-EIAJ-II	20
HD74ACT373P	Renesas Technology Corp.		CD74ACT373E		S	PDIP	20
HD74ACT373RPEL	Renesas Technology Corp.		CD74ACT373M96		S	SOP	20
HD74ACT373TELL	Renesas Technology Corp.		SN74ACT373PWR		S	TSSOP	20
HD74ACT374FPEL	Renesas Technology Corp.		SN74ACT374NSR		S	SOP-EIAJ-II	20
HD74ACT374P	Renesas Technology Corp.	tpd differs	CD74ACT374E		S	PDIP	20
HD74ACT374P	Hitachi America	tpd differs	SN74ACT374N		S	PDIP	20
HD74ACT374P	Hitachi America	tpd differs	SN74ACT574N		S	PDIP	20
HD74ACT374RP	Hitachi America	tpd differs	SN74ACT374DW		S	SOIC	20
HD74ACT374RP	Hitachi America	tpd differs	SN74ACT574DW		S	SOIC	20
HD74ACT374RPEL	Renesas Technology Corp.	tpd differs	CD74ACT374M96		S	SOIC	20
HD74ACT374TELL	Renesas Technology Corp.		SN74ACT374PWR		S	TSSOP	20
HD74ACT86FP	Hitachi America	tpd, Vs differ	SN74ACT86NSR		S	SOP-EIAJ-II	14

HD74AC373FPEL — HD74ACT86FP

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HD74ACT86FP	Renesas Technology Corp.	tpd, Vs differ	SN74ACT86NSR		S	SOP-EIAJ-II	14
HD74ACT86FPPEL	Renesas Technology Corp.		SN74ACT86NSR		S	SOP-EIAJ-II	14
HD74ACT86P	Hitachi America	tpd differs	CD74ACT86E		S	PDIP	14
HD74ACT86P	Renesas Technology Corp.	tpd differs	CD74ACT86E		S	PDIP	14
HD74ACT86P	Hitachi America	tpd, Vs differ	SN74ACT86N		S	PDIP	14
HD74ACT86P	Renesas Technology Corp.	tpd, Vs differ	SN74ACT86N		S	PDIP	14
HD74ACT86RP	Hitachi America	tpd differs	CD74ACT86M		S	SOIC	14
HD74ACT86RP	Renesas Technology Corp.	tpd differs	CD74ACT86M		S	SOIC	14
HD74ACT86RP	Hitachi America	tpd, Vs differ	SN74ACT86D		S	SOIC	14
HD74ACT86RP	Renesas Technology Corp.	tpd, Vs differ	SN74ACT86D		S	SOIC	14
HD74ACT86RPEL	Renesas Technology Corp.	tpd differs	CD74ACT86M96		S	SOIC	14
HD74ALVC16334T	Renesas Technology Corp.		SN74ALVC16334DGGR		S	TSSOP	48
HD74ALVC16834T	Renesas Technology Corp.		SN74ALVC16834DGGR		S	TSSOP	56
HD74ALVCH162721T	Hitachi America		SN74ALVCH16821DGGR		S	TSSOP	56
HD74ALVCH162820T	Hitachi America		SN74ALVCH162820GR		S	TSSOP	56
HD74ALVCH162830T	Renesas Technology Corp.		SN74ALVCHS162830GR		S	TSSOP	80
HD74ALVCH16820T	Hitachi America		SN74ALVCH16820DGGR		S	TSSOP	56
HD74ALVCH16820T	Renesas Technology Corp.		SN74ALVCH16820DGGR		S	TSSOP	56
HD74ALVCH16821T	Hitachi America		SN74ALVCH16821DGGR		S	TSSOP	56
HD74ALVCHS162830T	Renesas Technology Corp.		SN74ALVCHS162830GR		S	TSSOP	80
HD74BC240AFPEL	Renesas Technology Corp.		SN74BCT240NSR		S	SOP-EIAJ-II	20
HD74BC240AP	Renesas Technology Corp.		SN74BCT240N		S	PDIP	20
HD74BC244AFPEL	Renesas Technology Corp.		SN64BCT244NSR		S	SOP-EIAJ-II	20
HD74BC244AP	Renesas Technology Corp.		SN64BCT244N		S	PDIP	20
HD74BC245AFPEL	Renesas Technology Corp.		SN64BCT245NSR		S	SOP-EIAJ-II	20
HD74BC245AP	Renesas Technology Corp.		SN64BCT245N		S	PDIP	20
HD74BC245ATELL	Renesas Technology Corp.	tpd differs	SN74BCT245PWR		S	TSSOP	20
HD74BC373AFPEL	Renesas Technology Corp.		SN74BCT373NSR		S	SOP-EIAJ-II	20
HD74BC374AFPEL	Renesas Technology Corp.		SN74BCT374NSR		S	SOP-EIAJ-II	20
HD74BC540AFPEL	Renesas Technology Corp.		SN74BCT540ANSR		S	SOP-EIAJ-II	20
HD74BC541AFPEL	Renesas Technology Corp.		SN74BCT541ANSR		S	SOP-EIAJ-II	20
HD74BC573AFPEL	Renesas Technology Corp.		SN74BCT573NSR		S	SOP-EIAJ-II	20
HD74BC573AP	Renesas Technology Corp.		SN74BCT573N		S	PDIP	20
HD74BC574AFPEL	Renesas Technology Corp.		SN74BCT574NSR		S	SOP-EIAJ-II	20
HD74BC623AFPEL	Renesas Technology Corp.		SN74BCT623NSR		S	SOP-EIAJ-II	20
HD74BC640AFPEL	Renesas Technology Corp.		SN74BCT640NSR		S	SOP-EIAJ-II	20
HD74HC00FP	Renesas Technology Corp.	tpd differs	SN74HC03NSR		S	SOP-EIAJ-II	14
HD74HC00FPPEL	Renesas Technology Corp.		SN74HC00NSR		S	SOP-EIAJ-II	14
HD74HC00P	Renesas Technology Corp.		CD74HC00E		S	PDIP	14
HD74HC00P	Renesas Technology Corp.	tpd differs	SN74HC03N		S	PDIP	14
HD74HC00RP	Hitachi America		SN74HC00D		S	SOIC	14
HD74HC00RP	Renesas Technology Corp.		SN74HC00D		S	SOIC	14
HD74HC00RP	Renesas Technology Corp.	tpd differs	SN74HC03D		S	SOIC	14
HD74HC00RPEL	Renesas Technology Corp.		CD74HC00M96		S	SOIC	14
HD74HC00T	Renesas Technology Corp.	tpd differs	SN74HC03PW		S	TSSOP	14
HD74HC00TELL	Renesas Technology Corp.		SN74HC00PWR		S	TSSOP	14
HD74HC02FPPEL	Renesas Technology Corp.		SN74HC02NSR		S	SOP-EIAJ-II	14
HD74HC02P	Renesas Technology Corp.		CD74HC02E		S	PDIP	14
HD74HC02RP	Renesas Technology Corp.		SN74HC02D		S	SOIC	14
HD74HC02RPEL	Renesas Technology Corp.		CD74HC02M96		S	SOIC	14
HD74HC02TELL	Renesas Technology Corp.		SN74HC02PWR		S	TSSOP	14
HD74HC04FPPEL	Renesas Technology Corp.		SN74HC04NSR		S	SOP-EIAJ-II	14
HD74HC04P	Renesas Technology Corp.		CD74HC04E		S	PDIP	14
HD74HC04RPEL	Renesas Technology Corp.		CD74HC04M96		S	SOP	14
HD74HC04TELL	Renesas Technology Corp.		SN74HC04PWR		S	TSSOP	14
HD74HC05FPPEL	Renesas Technology Corp.		SN74HC05NSR		S	SOP-EIAJ-II	14
HD74HC05P	Renesas Technology Corp.		SN74HC05N		S	PDIP	14
HD74HC05RPEL	Renesas Technology Corp.		SN74HC05DR		S	SOIC	14
HD74HC08FPPEL	Renesas Technology Corp.		SN74HC08NSR		S	SOP-EIAJ-II	14
HD74HC08P	Hitachi America		CD74HC08E		S	PDIP	14
HD74HC08P	Renesas Technology Corp.		CD74HC08E		S	PDIP	14
HD74HC08RP	Hitachi America		CD74HC08M		S	SOIC	14
HD74HC08RP	Renesas Technology Corp.		CD74HC08M		S	SOIC	14
HD74HC08RP	Hitachi America	tpd differs	SN74HC08D		S	SOIC	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HD74HC08RP	Renesas Technology Corp.	tpd differs	SN74HC08D		S	SOIC	14
HD74HC08RPEL	Renesas Technology Corp.		CD74HC08M96		S	SOIC	14
HD74HC08T	Renesas Technology Corp.		CD74HC08PW		S	TSSOP	14
HD74HC08TELL	Renesas Technology Corp.		CD74HC08PWR		S	TSSOP	14
HD74HC09RP	Renesas Technology Corp.		CD74HC08M		S	SOIC	14
HD74HC09T	Renesas Technology Corp.		CD74HC08PW		S	TSSOP	14
HD74HC107P	Renesas Technology Corp.		CD74HC107E		S	PDIP	14
HD74HC107RPEL	Renesas Technology Corp.		CD74HC107M96		S	SOIC	14
HD74HC109FPEL	Renesas Technology Corp.		SN74HC109NSR		S	SOP-EIAJ-II	16
HD74HC109P	Renesas Technology Corp.	tpd differs	CD74HC109E		S	PDIP	16
HD74HC109P	Hitachi America	tpd differs	SN74HC109N		S	PDIP	16
HD74HC109RP	Renesas Technology Corp.	tpd differs	SN74HC109D		S	SOIC	16
HD74HC109RPEL	Renesas Technology Corp.	tpd differs	CD74HC109M96		S	SOIC	16
HD74HC109FPEL	Renesas Technology Corp.		SN74HC109NSR		S	SOP-EIAJ-II	14
HD74HC10P	Renesas Technology Corp.		CD74HC10E		S	PDIP	14
HD74HC10RPEL	Renesas Technology Corp.		CD74HC10M96		S	SOIC	14
HD74HC112FP	Renesas Technology Corp.	tpd differs	CD74HC112NSR		S	SOP-EIAJ-II	16
HD74HC112FPEL	Renesas Technology Corp.		CD74HC112NSR		S	SOP-EIAJ-II	16
HD74HC112P	Renesas Technology Corp.		CD74HC112E		S	PDIP	16
HD74HC112P	Renesas Technology Corp.	tpd differs	SN74HC112N		S	PDIP	16
HD74HC112P	Renesas Technology Corp.	tpd differs	SN74HC112NE4		S	PDIP	16
HD74HC112RP	Renesas Technology Corp.	tpd differs	SN74HC112DE4		S	SOIC	16
HD74HC11FPEL	Renesas Technology Corp.		SN74HC11NSR		S	SOP-EIAJ-II	14
HD74HC11P	Renesas Technology Corp.		CD74HC11E		S	PDIP	14
HD74HC11RPEL	Renesas Technology Corp.		CD74HC11M96		S	SOIC	14
HD74HC123AFPEL	Renesas Technology Corp.		CD74HC123NSR		S	SOP-EIAJ-II	16
HD74HC123AP	Renesas Technology Corp.		CD74HC123E		S	PDIP	16
HD74HC125FPEL	Renesas Technology Corp.		SN74HC125NSR		S	SOP-EIAJ-II	14
HD74HC125P	Renesas Technology Corp.		CD74HC125E		S	PDIP	14
HD74HC125TELL	Renesas Technology Corp.		SN74HC125PWR		S	TSSOP	14
HD74HC126FPEL	Renesas Technology Corp.		SN74HC126NSR		S	SOP-EIAJ-II	14
HD74HC126P	Renesas Technology Corp.		CD74HC126E		S	PDIP	14
HD74HC126RP	Renesas Technology Corp.	tpd differs	SN74HC126D		S	SOIC	14
HD74HC126RPEL	Renesas Technology Corp.		CD74HC126M96		S	SOIC	14
HD74HC126TELL	Renesas Technology Corp.		SN74HC126PWR		S	TSSOP	14
HD74HC132FPEL	Renesas Technology Corp.		SN74HC132NSR		S	SOP-EIAJ-II	14
HD74HC132P	Renesas Technology Corp.	tpd differs	CD74HC132E		S	PDIP	14
HD74HC132RPEL	Renesas Technology Corp.	tpd differs	CD74HC132M96		S	SOIC	14
HD74HC137P	Renesas Technology Corp.		CD74HC137E		S	PDIP	16
HD74HC138FPEL	Renesas Technology Corp.		SN74HC138NSR		S	SOP-EIAJ-II	16
HD74HC138P	Renesas Technology Corp.		CD74HC138E		S	PDIP	16
HD74HC139FPEL	Renesas Technology Corp.		SN74HC139NSR		S	SOP-EIAJ-II	16
HD74HC139P	Renesas Technology Corp.		CD74HC139E		S	PDIP	16
HD74HC147FPEL	Renesas Technology Corp.		CD74HC147NSR		S	SOP-EIAJ-II	16
HD74HC147P	Renesas Technology Corp.		CD74HC147E		S	PDIP	16
HD74HC148FPEL	Renesas Technology Corp.		SN74HC148NSR		S	SOP-EIAJ-II	16
HD74HC148P	Renesas Technology Corp.		SN74HC148N		S	PDIP	16
HD74HC148RPEL	Renesas Technology Corp.		SN74HC148DR		S	SOIC	16
HD74HC14FPEL	Renesas Technology Corp.		SN74HC14NSR		S	SOP-EIAJ-II	14
HD74HC14P	Renesas Technology Corp.		CD74HC14E		S	PDIP	14
HD74HC14RPEL	Renesas Technology Corp.		CD74HC14M96		S	SOP	14
HD74HC14TELL	Renesas Technology Corp.		CD74HC14PWR		S	TSSOP	14
HD74HC151FPEL	Renesas Technology Corp.		SN74HC151NSR		S	SOP-EIAJ-II	16
HD74HC151P	Renesas Technology Corp.	tpd differs	CD74HC151E		S	PDIP	16
HD74HC151RPEL	Renesas Technology Corp.	tpd differs	CD74HC151M96		S	SOIC	16
HD74HC153FPEL	Renesas Technology Corp.		SN74HC153NSR		S	SOP-EIAJ-II	16
HD74HC153P	Renesas Technology Corp.	tpd differs	CD74HC153E		S	PDIP	16
HD74HC153RP	Renesas Technology Corp.	tpd differs	SN74HC153D		S	SOIC	16
HD74HC153RPEL	Renesas Technology Corp.	tpd differs	CD74HC153M96		S	SOIC	16
HD74HC157FPEL	Renesas Technology Corp.		SN74HC157NSR		S	SOP-EIAJ-II	16
HD74HC157P	Renesas Technology Corp.		CD74HC157E		S	PDIP	16
HD74HC157RP	Renesas Technology Corp.		CD74HC157M96		S	SOIC	16
HD74HC157RP	Renesas Technology Corp.		SN74HC157D		S	SOIC	16
HD74HC157T	Renesas Technology Corp.		SN74HC157PWR		S	TSSOP	16

HD74HC08RP — HD74HC157T

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HD74HC158FPEL	Renesas Technology Corp.		SN74HC158NSR		S	SOP-EIAJ-II	16
HD74HC158P	Renesas Technology Corp.		SN74HC158N		S	PDIP	16
HD74HC158RPEL	Renesas Technology Corp.		SN74HC158DR		S	SOIC	16
HD74HC161FPEL	Renesas Technology Corp.		SN74HC161NSR		S	SOP-EIAJ-II	16
HD74HC161P	Renesas Technology Corp.	tpd differs	CD74HC161E		S	PDIP	16
HD74HC161RP	Renesas Technology Corp.	tpd differs	CD74HC161M		S	SOIC	16
HD74HC161RP	Renesas Technology Corp.	tpd differs	SN74HC161D		S	SOIC	16
HD74HC161RPEL	Renesas Technology Corp.	tpd differs	CD74HC161M96		S	SOIC	16
HD74HC161T	Renesas Technology Corp.		SN74HC161PWT		S	TSSOP	16
HD74HC161TELL	Renesas Technology Corp.		SN74HC161PWR		S	TSSOP	16
HD74HC163FPEL	Renesas Technology Corp.		SN74HC163NSR		S	SOP-EIAJ-II	16
HD74HC163P	Renesas Technology Corp.	tpd differs	CD74HC163E		S	PDIP	16
HD74HC163RP	Renesas Technology Corp.	tpd differs	CD74HC163M		S	SOIC	16
HD74HC163RP	Renesas Technology Corp.	tpd differs	SN74HC163D		S	SOIC	16
HD74HC163RPEL	Renesas Technology Corp.	tpd differs	CD74HC163M96		S	SOIC	16
HD74HC164FPEL	Renesas Technology Corp.		SN74HC164NSR		S	SOP-EIAJ-II	14
HD74HC164P	Renesas Technology Corp.	tpd differs	CD74HC164E		S	PDIP	14
HD74HC165FPEL	Renesas Technology Corp.		SN74HC165NSR		S	SOP-EIAJ-II	16
HD74HC165P	Renesas Technology Corp.		CD74HC165E		S	PDIP	16
HD74HC166FPEL	Renesas Technology Corp.		SN74HC166NSR		S	SOP-EIAJ-II	16
HD74HC166P	Renesas Technology Corp.	tpd differs	CD74HC166E		S	PDIP	16
HD74HC173FPEL	Renesas Technology Corp.		CD74HC173NSR		S	SOP-EIAJ-II	16
HD74HC173P	Renesas Technology Corp.		CD74HC173E		S	PDIP	16
HD74HC173RPEL	Renesas Technology Corp.		CD74HC173M96		S	SOIC	16
HD74HC174FPEL	Renesas Technology Corp.		SN74HC174NSR		S	SOP-EIAJ-II	16
HD74HC174RP	Renesas Technology Corp.	tpd differs	CD74HC174ME4		S	SOIC	16
HD74HC174RP	Hitachi America		SN74HC174D		S	SOIC	16
HD74HC174RP	Renesas Technology Corp.		SN74HC174D		S	SOIC	16
HD74HC174TELL	Renesas Technology Corp.		SN74HC174PWR		S	TSSOP	16
HD74HC175FPEL	Renesas Technology Corp.		SN74HC175NSR		S	SOP-EIAJ-II	16
HD74HC175P	Renesas Technology Corp.	tpd differs	CD74HC175E		S	PDIP	16
HD74HC175RP	Hitachi America		SN74HC175D		S	SOIC	16
HD74HC175RPEL	Renesas Technology Corp.	tpd differs	CD74HC175M96		S	SOIC	16
HD74HC190FP	Renesas Technology Corp.	tpd differs	CD74HC190NSR		S	SOP-EIAJ-II	16
HD74HC190FPEL	Renesas Technology Corp.		CD74HC190NSR		S	SOP-EIAJ-II	16
HD74HC190P	Renesas Technology Corp.		CD74HC190E		S	PDIP	16
HD74HC191FP	Renesas Technology Corp.	tpd differs	SN74HC191NSR		S	SOP-EIAJ-II	16
HD74HC191FPEL	Renesas Technology Corp.		SN74HC191NSR		S	SOP-EIAJ-II	16
HD74HC191P	Renesas Technology Corp.	tpd differs	CD74HC191E		S	PDIP	16
HD74HC191RP	Renesas Technology Corp.	tpd differs	CD74HC191M		S	SOIC	16
HD74HC191RPEL	Renesas Technology Corp.	tpd differs	CD74HC191M96		S	SOIC	16
HD74HC192FP	Renesas Technology Corp.	tpd differs	CD74HC192NSR		S	SOP-EIAJ-II	16
HD74HC192FPEL	Renesas Technology Corp.		CD74HC192NSR		S	SOP-EIAJ-II	16
HD74HC192P	Renesas Technology Corp.		CD74HC192E		S	PDIP	16
HD74HC193FPEL	Renesas Technology Corp.		SN74HC193NSR		S	SOP-EIAJ-II	16
HD74HC193P	Renesas Technology Corp.	tpd differs	CD74HC193E		S	PDIP	16
HD74HC193RP	Renesas Technology Corp.	tpd differs	CD74HC193M		S	SOIC	16
HD74HC194P	Renesas Technology Corp.		CD74HC194E		S	PDIP	16
HD74HC195P	Renesas Technology Corp.		CD74HC195E		S	PDIP	16
HD74HC20FPEL	Renesas Technology Corp.		SN74HC20NSR		S	SOP-EIAJ-II	14
HD74HC20P	Renesas Technology Corp.	tpd differs	CD74HC20E		S	PDIP	14
HD74HC20RP	Hitachi America	tpd differs	SN74HC20D		S	SOIC	14
HD74HC20RP	Renesas Technology Corp.	tpd differs	SN74HC20D		S	SOIC	14
HD74HC20RP	Renesas Technology Corp.	tpd differs	SN74HC20DE4		S	SOIC	14
HD74HC20RPEL	Renesas Technology Corp.	tpd differs	CD74HC20M96		S	SOIC	14
HD74HC20TELL	Renesas Technology Corp.		SN74HC20PWR		S	TSSOP	14
HD74HC21FPEL	Renesas Technology Corp.		SN74HC21NSR		S	SOP-EIAJ-II	14
HD74HC21P	Renesas Technology Corp.	tpd differs	CD74HC21E		S	PDIP	14
HD74HC21RPEL	Renesas Technology Corp.	tpd differs	CD74HC21M96		S	SOIC	14
HD74HC21TELL	Renesas Technology Corp.		SN74HC21PWR		S	TSSOP	14
HD74HC221FPEL	Renesas Technology Corp.		CD74HC221NSR		S	SOP-EIAJ-II	16
HD74HC221P	Renesas Technology Corp.		CD74HC221E		S	PDIP	16
HD74HC237RPEL	Renesas Technology Corp.		CD74HC237M96		S	SOIC	16
HD74HC238FPEL	Renesas Technology Corp.		CD74HC238NSR		S	SOP-EIAJ-II	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HD74HC238P	Renesas Technology Corp.		CD74HC238E		S	PDIP	16
HD74HC238RPEL	Renesas Technology Corp.		CD74HC238M96		S	SOIC	16
HD74HC240FPEL	Renesas Technology Corp.		SN74HC240NSR		S	SOP-EIAJ-II	20
HD74HC240P	Renesas Technology Corp.	tpd differs	CD74HC240E		S	PDIP	20
HD74HC240RPEL	Renesas Technology Corp.	tpd differs	CD74HC240M96		S	SOIC	20
HD74HC240TELL	Renesas Technology Corp.		SN74HC240PWVR		S	TSSOP	20
HD74HC241FPEL	Renesas Technology Corp.		SN74HC241NSR		S	SOP-EIAJ-II	20
HD74HC241RPEL	Renesas Technology Corp.	tpd differs	CD74HC241M96		S	SOIC	20
HD74HC243P	Renesas Technology Corp.		CD74HC243E		S	PDIP	14
HD74HC244FPEL	Renesas Technology Corp.		SN74HC244NSR		S	SOP-EIAJ-II	20
HD74HC244P	Renesas Technology Corp.	tpd differs	CD74HC244E		S	PDIP	20
HD74HC244RPEL	Renesas Technology Corp.	tpd differs	CD74HC244M96		S	SOIC	20
HD74HC245FPEL	Renesas Technology Corp.		SN74HC245NSR		S	SOP-EIAJ-II	20
HD74HC245P	Renesas Technology Corp.	tpd differs	CD74HC245E		S	PDIP	20
HD74HC245RPEL	Renesas Technology Corp.	tpd differs	CD74HC245M96		S	SOP	20
HD74HC251FP	Renesas Technology Corp.		SN74HC251NSR		S	SOP	16
HD74HC251FPEL	Renesas Technology Corp.		SN74HC251NSR		S	SOP-EIAJ-II	16
HD74HC251P	Renesas Technology Corp.	tpd differs	CD74HC251E		S	PDIP	16
HD74HC251P	Renesas Technology Corp.		SN74HC251N		S	PDIP	16
HD74HC251RP	Renesas Technology Corp.	tpd differs	CD74HC251M		S	SOIC	16
HD74HC251RP	Renesas Technology Corp.		SN74HC251D		S	SOIC	16
HD74HC251RPEL	Renesas Technology Corp.	tpd differs	CD74HC251M96		S	SOIC	16
HD74HC253FP	Renesas Technology Corp.	tpd differs	SN74HC253NSR		S	SOP	16
HD74HC253FPEL	Renesas Technology Corp.		SN74HC253NSR		S	SOP-EIAJ-II	16
HD74HC253P	Renesas Technology Corp.	tpd differs	CD74HC253E		S	PDIP	16
HD74HC257FP	Renesas Technology Corp.	tpd differs	SN74HC257NSR		S	SOP	16
HD74HC257FPEL	Renesas Technology Corp.		SN74HC257NSR		S	SOP-EIAJ-II	16
HD74HC257P	Renesas Technology Corp.		CD74HC257E		S	PDIP	16
HD74HC257RPEL	Renesas Technology Corp.		CD74HC257M96		S	SOIC	16
HD74HC258FPEL	Renesas Technology Corp.		SN74HC258NSR		S	SOP-EIAJ-II	16
HD74HC258P	Renesas Technology Corp.		SN74HC258N		S	PDIP	16
HD74HC258RPEL	Renesas Technology Corp.		SN74HC258DR		S	SOIC	16
HD74HC259FPEL	Renesas Technology Corp.		SN74HC259NSR		S	SOP-EIAJ-II	16
HD74HC259P	Renesas Technology Corp.		CD74HC259E		S	PDIP	16
HD74HC259RPEL	Renesas Technology Corp.		CD74HC259M96		S	SOP	16
HD74HC273FPEL	Renesas Technology Corp.		SN74HC273NSR		S	SOP-EIAJ-II	20
HD74HC273P	Renesas Technology Corp.	tpd differs	CD74HC273E		S	PDIP	20
HD74HC273RP	Renesas Technology Corp.	tpd differs	CD74HC273ME4		S	SOIC	20
HD74HC273TELL	Renesas Technology Corp.		SN74HC273PWVR		S	TSSOP	20
HD74HC27FPEL	Renesas Technology Corp.		SN74HC27NSR		S	SOP-EIAJ-II	14
HD74HC27P	Renesas Technology Corp.		CD74HC27E		S	PDIP	14
HD74HC27RPEL	Renesas Technology Corp.		CD74HC27M96		S	SOIC	14
HD74HC280P	Renesas Technology Corp.		CD74HC280E		S	PDIP	14
HD74HC283P	Renesas Technology Corp.		CD74HC283E		S	PDIP	16
HD74HC283RPEL	Renesas Technology Corp.		CD74HC283M96		S	SOIC	16
HD74HC299P	Renesas Technology Corp.		CD74HC299E		S	PDIP	20
HD74HC299RP	Renesas Technology Corp.	tpd differs	CD74HC299M		S	SOIC	20
HD74HC299RPEL	Renesas Technology Corp.		CD74HC299M96		S	SOIC	20
HD74HC30FPEL	Renesas Technology Corp.		CD74HC30NSR		S	SOP-EIAJ-II	14
HD74HC30P	Renesas Technology Corp.		CD74HC30E		S	PDIP	14
HD74HC30RPEL	Renesas Technology Corp.		CD74HC30M96		S	SOIC	14
HD74HC30TELL	Renesas Technology Corp.		CD74HC30PWVR		S	TSSOP	14
HD74HC32FPEL	Renesas Technology Corp.		SN74HC32NSR		S	SOP-EIAJ-II	14
HD74HC32P	Hitachi America	tpd differs	CD74HC32E		S	PDIP	14
HD74HC32P	Renesas Technology Corp.	tpd differs	CD74HC32E		S	PDIP	14
HD74HC32RP	Hitachi America	tpd differs	CD74HC32M		S	SOIC	14
HD74HC32RP	Renesas Technology Corp.	tpd differs	CD74HC32M		S	SOIC	14
HD74HC32RP	Renesas Technology Corp.	tpd differs	CD74HC32ME4		S	SOIC	14
HD74HC32RP	Hitachi America		SN74HC32D		S	SOIC	14
HD74HC32RP	Renesas Technology Corp.		SN74HC32D		S	SOIC	14
HD74HC32RPEL	Renesas Technology Corp.	tpd differs	CD74HC32M96		S	SOIC	14
HD74HC32TELL	Renesas Technology Corp.		SN74HC32PWVR		S	TSSOP	14
HD74HC354P	Renesas Technology Corp.		CD74HC354E		S	PDIP	20
HD74HC365FP	Hitachi America		SN74HC365D		S	SOP	16

HD74HC238P — HD74HC365FP

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HD74HC365FPEL	Renesas Technology Corp.		SN74HC365NSR		S	SOP-EIAJ-II	16
HD74HC365P	Renesas Technology Corp.	tpd differs	CD74HC365E		S	PDIP	16
HD74HC365RP	Hitachi America		SN74HC365D		S	SOIC	16
HD74HC365RPEL	Renesas Technology Corp.		CD74HC365M96		S	SOIC	16
HD74HC366P	Renesas Technology Corp.		CD74HC366E		S	PDIP	16
HD74HC366RPEL	Renesas Technology Corp.		CD74HC366M96		S	SOIC	16
HD74HC367FP	Hitachi America		SN74HC367D		S	SOP	16
HD74HC367FPEL	Renesas Technology Corp.		SN74HC367NSR		S	SOP-EIAJ-II	16
HD74HC367P	Renesas Technology Corp.	tpd differs	CD74HC367E		S	PDIP	16
HD74HC367RP	Hitachi America		SN74HC367D		S	SOIC	16
HD74HC367RPEL	Renesas Technology Corp.		CD74HC367M96		S	SOIC	16
HD74HC368FPEL	Renesas Technology Corp.		SN74HC368NSR		S	SOP-EIAJ-II	16
HD74HC368P	Renesas Technology Corp.	tpd differs	CD74HC368E		S	PDIP	16
HD74HC368RP	Hitachi America		SN74HC368D		S	SOIC	16
HD74HC368RPEL	Renesas Technology Corp.		CD74HC368M96		S	SOIC	16
HD74HC373FPEL	Renesas Technology Corp.		SN74HC373NSR		S	SOP-EIAJ-II	20
HD74HC373P	Renesas Technology Corp.		CD74HC373E		S	PDIP	20
HD74HC374FPEL	Renesas Technology Corp.		SN74HC374NSR		S	SOP-EIAJ-II	20
HD74HC374P	Renesas Technology Corp.	tpd differs	CD74HC374E		S	PDIP	20
HD74HC374P	Hitachi America	tpd differs	SN74HC574N		S	PDIP	20
HD74HC374RP	Hitachi America	tpd differs	SN74HC574DW		S	SOIC	20
HD74HC377FPEL	Renesas Technology Corp.		SN74HC377NSR		S	SOP-EIAJ-II	20
HD74HC377P	Renesas Technology Corp.	tpd differs	CD74HC377E		S	PDIP	20
HD74HC377P	Hitachi America	tpd differs	SN74HC377N		S	PDIP	20
HD74HC377RP	Hitachi America	tpd differs	SN74HC377DW		S	SOIC	20
HD74HC377RPEL	Renesas Technology Corp.	tpd differs	CD74HC377M96		S	SOIC	20
HD74HC390P	Renesas Technology Corp.		CD74HC390E		S	PDIP	16
HD74HC393FP	Renesas Technology Corp.		SN74HC393NSR		S	SOP-EIAJ-II	14
HD74HC393FPEL	Renesas Technology Corp.		SN74HC393NSR		S	SOP-EIAJ-II	14
HD74HC393P	Renesas Technology Corp.		CD74HC393E		S	PDIP	14
HD74HC393P	Hitachi America		SN74HC393N		S	PDIP	14
HD74HC393RP	Hitachi America		SN74HC393D		S	SOIC	14
HD74HC393RP	Renesas Technology Corp.		SN74HC393D		S	SOIC	14
HD74HC4017FP	Renesas Technology Corp.		CD74HC4017NSR		S	SOP-EIAJ-II	16
HD74HC4017FPEL	Renesas Technology Corp.		CD74HC4017NSR		S	SOP-EIAJ-II	16
HD74HC4017P	Renesas Technology Corp.		CD74HC4017E		S	PDIP	16
HD74HC4017RP	Renesas Technology Corp.		CD74HC4017M		S	SOIC	16
HD74HC4017RPEL	Renesas Technology Corp.		CD74HC4017M96		S	SOIC	16
HD74HC4020FPEL	Renesas Technology Corp.		SN74HC4020NSR		S	SOP-EIAJ-II	16
HD74HC4020P	Renesas Technology Corp.	tpd differs	CD74HC4020E		S	PDIP	16
HD74HC4020P	Renesas Technology Corp.	tpd differs	SN74HC4020N		S	PDIP	16
HD74HC4024P	Renesas Technology Corp.		CD74HC4024E		S	PDIP	14
HD74HC4024RP	Renesas Technology Corp.	tpd differs	CD74HC4024M		S	SOP	14
HD74HC4024RPEL	Renesas Technology Corp.		CD74HC4024M96		S	SOIC	14
HD74HC4040FPEL	Renesas Technology Corp.		SN74HC4040NSR		S	SOP-EIAJ-II	16
HD74HC4040P	Renesas Technology Corp.	tpd differs	CD74HC4040E		S	PDIP	16
HD74HC4051FPEL	Renesas Technology Corp.		CD74HC4051NSR		S	SOP-EIAJ-II	16
HD74HC4051P	Renesas Technology Corp.		CD74HC4051E		S	PDIP	16
HD74HC4051RPEL	Renesas Technology Corp.		CD74HC4051M96		S	SOIC	16
HD74HC4052FPEL	Renesas Technology Corp.		CD74HC4052NSR		S	SOP-EIAJ-II	16
HD74HC4052P	Renesas Technology Corp.		CD74HC4052E		S	PDIP	16
HD74HC4052RPEL	Renesas Technology Corp.		CD74HC4052M96		S	SOIC	16
HD74HC4053FPEL	Renesas Technology Corp.		CD74HC4053NSR		S	SOP-EIAJ-II	16
HD74HC4053P	Renesas Technology Corp.		CD74HC4053E		S	PDIP	16
HD74HC4053RPEL	Renesas Technology Corp.		CD74HC4053M96		S	SOIC	16
HD74HC4060FP	Renesas Technology Corp.	tpd differs	SN74HC4060NSR		S	SOP-EIAJ-II	16
HD74HC4060FPEL	Renesas Technology Corp.		SN74HC4060NSR		S	SOP-EIAJ-II	16
HD74HC4060P	Renesas Technology Corp.		CD74HC4060E		S	PDIP	16
HD74HC4066FPEL	Renesas Technology Corp.		SN74HC4066NSR		S	SOP-EIAJ-II	14
HD74HC4066P	Renesas Technology Corp.	Vs differs	CD74HC4066E		S	PDIP	14
HD74HC4066RPEL	Renesas Technology Corp.	Ron, toff, ton, Vs differ	CD74HC4066M96		S	SOP	14
HD74HC4066TELL	Renesas Technology Corp.	Ron, toff, ton, Vs differ	CD74HC4066PWR		S	TSSOP	14
HD74HC423AFPEL	Renesas Technology Corp.		CD74HC423NSR		S	SOP-EIAJ-II	16
HD74HC423AP	Renesas Technology Corp.		CD74HC423E		S	PDIP	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HD74HC42FPPEL	Renesas Technology Corp.		SN74HC42NSR		S	SOP-EIAJ-II	16
HD74HC42P	Renesas Technology Corp.		CD74HC42E		S	PDIP	16
HD74HC42RPEL	Renesas Technology Corp.		SN74HC42DR		S	SOIC	16
HD74HC4511P	Renesas Technology Corp.		CD74HC4511E		S	PDIP	16
HD74HC4511RPEL	Renesas Technology Corp.		CD74HC4511M96		S	SOIC	16
HD74HC4518P	Renesas Technology Corp.		CD74HC4518E		S	PDIP	16
HD74HC4520P	Renesas Technology Corp.		CD74HC4520E		S	PDIP	16
HD74HC4520RP	Renesas Technology Corp.	tpd differs	CD74HC4520M		S	SOIC	16
HD74HC4520RPEL	Renesas Technology Corp.		CD74HC4520M96		S	SOIC	16
HD74HC4538FPPEL	Renesas Technology Corp.		CD74HC4538NSR		S	SOP-EIAJ-II	16
HD74HC4538P	Renesas Technology Corp.		CD74HC4538E		S	PDIP	16
HD74HC4538RPEL	Renesas Technology Corp.		CD74HC4538M96		S	SOIC	16
HD74HC4543P	Renesas Technology Corp.		CD74HC4543E		S	PDIP	16
HD74HC533P	Renesas Technology Corp.		CD74HC533E		S	PDIP	20
HD74HC534P	Renesas Technology Corp.		CD74HC534E		S	PDIP	20
HD74HC540FPPEL	Renesas Technology Corp.		SN74HC540NSR		S	SOP-EIAJ-II	20
HD74HC540P	Renesas Technology Corp.		CD74HC540E		S	PDIP	20
HD74HC540RPEL	Renesas Technology Corp.	tpd differs	CD74HC540M96		S	SOIC	20
HD74HC541FPPEL	Renesas Technology Corp.		SN74HC541NSR		S	SOP-EIAJ-II	20
HD74HC541P	Renesas Technology Corp.		CD74HC541E		S	PDIP	20
HD74HC541RPEL	Renesas Technology Corp.		CD74HC541M96		S	SOIC	20
HD74HC563P	Renesas Technology Corp.		CD74HC563E		S	PDIP	20
HD74HC563RPEL	Renesas Technology Corp.		SN74HC563DWR		S	SOP	20
HD74HC564P	Renesas Technology Corp.		CD74HC564E		S	PDIP	20
HD74HC564P	Hitachi America	tpd differs	SN74HC574N		S	PDIP	20
HD74HC564RP	Hitachi America	tpd differs	SN74HC574DW		S	SOIC	20
HD74HC564RPEL	Renesas Technology Corp.		CD74HC564M96		S	SOIC	20
HD74HC573P	Renesas Technology Corp.		CD74HC573E		S	PDIP	20
HD74HC573RPEL	Renesas Technology Corp.		CD74HC573M96		S	SOIC	20
HD74HC573TELL	Renesas Technology Corp.		SN74HC573APWR		S	TSSOP	20
HD74HC574FPPEL	Renesas Technology Corp.		SN74HC574NSR		S	SOP-EIAJ-II	20
HD74HC574P	Renesas Technology Corp.	tpd differs	CD74HC574E		S	PDIP	20
HD74HC574P	Hitachi America	tpd differs	SN74HC574N		S	PDIP	20
HD74HC574RP	Hitachi America	tpd differs	SN74HC574DW		S	SOIC	20
HD74HC590P	Renesas Technology Corp.		SN74HC590AN		S	PDIP	16
HD74HC595FPPEL	Renesas Technology Corp.	FP-16DAV package	CD74HC595NSR		S	SOP-EIAJ-II	16
HD74HC595P	Renesas Technology Corp.	DP-16E package	CD74HC595E		S	PDIP	16
HD74HC597FP	Renesas Technology Corp.		CD74HC597NSR		S	SOP-EIAJ-II	16
HD74HC597FPPEL	Renesas Technology Corp.	FP-16DAV package	CD74HC597NSR		S	SOP-EIAJ-II	16
HD74HC597P	Renesas Technology Corp.	DP-16E package	CD74HC597E		S	PDIP	16
HD74HC597RP	Renesas Technology Corp.		CD74HC597M		S	SOIC	16
HD74HC597RPEL	Renesas Technology Corp.		CD74HC597M96		S	SOIC	16
HD74HC623FP	Renesas Technology Corp.	tpd differs	SN74HC623NSR		S	SOP	20
HD74HC623FPPEL	Renesas Technology Corp.		SN74HC623NSR		S	SOP-EIAJ-II	20
HD74HC623P	Renesas Technology Corp.	tpd differs	SN74HC623N		S	PDIP	20
HD74HC623RP	Renesas Technology Corp.	tpd differs	SN74HC623DW		S	SOIC	20
HD74HC623RPEL	Renesas Technology Corp.		SN74HC623DWR		S	SOIC	20
HD74HC640FPPEL	Renesas Technology Corp.		SN74HC640NSR		S	SOP-EIAJ-II	20
HD74HC640P	Renesas Technology Corp.		CD74HC640E		S	PDIP	20
HD74HC640RP	Renesas Technology Corp.		CD74HC640M		S	SOP	20
HD74HC640RPEL	Renesas Technology Corp.		SN74HC640DWR		S	SOIC	20
HD74HC670P	Renesas Technology Corp.		CD74HC670E		S	PDIP	16
HD74HC682P	Renesas Technology Corp.		SN74HC682N		S	PDIP	20
HD74HC682RPEL	Renesas Technology Corp.		SN74HC682DWR		S	SOIC	20
HD74HC684P	Renesas Technology Corp.		SN74HC684N		S	PDIP	20
HD74HC684RPEL	Renesas Technology Corp.		SN74HC684DWR		S	SOIC	20
HD74HC688FPPEL	Renesas Technology Corp.		CD74HC688NSR		S	SOP-EIAJ-II	20
HD74HC688P	Renesas Technology Corp.		CD74HC688E		S	PDIP	20
HD74HC688RPEL	Renesas Technology Corp.		CD74HC688M96		S	SOIC	20
HD74HC7266P	Renesas Technology Corp.		CD74HC7266E		S	PDIP	14
HD74HC7266P	Hitachi America	tpd differs	CD74HC7266E		S	PDIP	14
HD74HC7266RP	Hitachi America	tpd differs	CD74HC7266M		S	SOIC	14
HD74HC7266RP	Renesas Technology Corp.	tpd differs	CD74HC7266M		S	SOIC	14
HD74HC7266RP	Renesas Technology Corp.	tpd differs	CD74HC7266ME4		S	SOIC	14

HD74HC42FPPEL — HD74HC7266RP

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HD74HC7266RPEL	Renesas Technology Corp.		CD74HC7266M96		S	SOIC	14
HD74HC73P	Renesas Technology Corp.		CD74HC73E		S	PDIP	14
HD74HC73RPEL	Renesas Technology Corp.		CD74HC73M96		S	SOIC	14
HD74HC74FPEL	Renesas Technology Corp.		SN74HC74NSR		S	SOP-EIAJ-II	14
HD74HC74P	Renesas Technology Corp.	tpd differs	CD74HC74E		S	PDIP	14
HD74HC74RP	Renesas Technology Corp.	tpd differs	CD74HC74ME4		S	SOIC	14
HD74HC74RP	Hitachi America		SN74HC74D		S	SOIC	14
HD74HC74RP	Renesas Technology Corp.	tpd differs	SN74HC74D		S	SOIC	14
HD74HC74TELL	Renesas Technology Corp.		SN74HC74PWR		S	TSSOP	14
HD74HC75FPEL	Renesas Technology Corp.		CD74HC75NSR		S	SOP-EIAJ-II	16
HD74HC75P	Renesas Technology Corp.		CD74HC75E		S	PDIP	16
HD74HC75RPEL	Renesas Technology Corp.		CD74HC75M96		S	SOIC	16
HD74HC85FPEL	Renesas Technology Corp.		CD74HC85NSR		S	SOP-EIAJ-II	16
HD74HC85P	Renesas Technology Corp.		CD74HC85E		S	PDIP	16
HD74HC85RPEL	Renesas Technology Corp.		CD74HC85M96		S	SOIC	16
HD74HC86FP	Hitachi America		SN74HC86NSR		S	SOP-EIAJ-II	14
HD74HC86FP	Renesas Technology Corp.		SN74HC86NSR		S	SOP-EIAJ-II	14
HD74HC86FPEL	Renesas Technology Corp.		SN74HC86NSR		S	SOP-EIAJ-II	14
HD74HC86P	Hitachi America		CD74HC86E		S	PDIP	14
HD74HC86P	Renesas Technology Corp.		CD74HC86E		S	PDIP	14
HD74HC86RP	Hitachi America		CD74HC86M		S	SOIC	14
HD74HC86RP	Renesas Technology Corp.		CD74HC86M		S	SOIC	14
HD74HC86RP	Renesas Technology Corp.		CD74HC86ME4		S	SOIC	14
HD74HC86RP	Hitachi America	tpd differs	SN74HC86D		S	SOIC	14
HD74HC86RP	Renesas Technology Corp.	tpd differs	SN74HC86D		S	SOIC	14
HD74HC86T	Hitachi America		SN74HC86PW		S	TSSOP	14
HD74HC86T	Renesas Technology Corp.		SN74HC86PW		S	TSSOP	14
HD74HC86TELL	Renesas Technology Corp.		SN74HC86PWR		S	TSSOP	14
HD74HC93P	Renesas Technology Corp.		CD74HC93E		S	PDIP	14
HD74HC93RP	Renesas Technology Corp.	tpd differs	CD74HC93M		S	SOIC	14
HD74HC93RPEL	Renesas Technology Corp.		CD74HC93M96		S	SOIC	14
HD74HCT125P	Renesas Technology Corp.		CD74HCT125E		S	PDIP	14
HD74HCT137P	Renesas Technology Corp.		CD74HCT137E		S	PDIP	16
HD74HCT137RPEL	Renesas Technology Corp.		CD74HCT137M96		S	SOIC	16
HD74HCT138FPEL	Renesas Technology Corp.		SN74HCT138NSR		S	SOP-EIAJ-II	16
HD74HCT138P	Renesas Technology Corp.		CD74HCT138E		S	PDIP	16
HD74HCT238P	Renesas Technology Corp.		CD74HCT238E		S	PDIP	16
HD74HCT238RPEL	Renesas Technology Corp.		CD74HCT238M96		S	SOIC	16
HD74HCT240FPEL	Renesas Technology Corp.		SN74HCT240NSR		S	SOP-EIAJ-II	20
HD74HCT240P	Renesas Technology Corp.	tpd differs	CD74HCT240E		S	PDIP	20
HD74HCT240RPEL	Renesas Technology Corp.		CD74HCT240M96		S	SOIC	20
HD74HCT241RPEL	Renesas Technology Corp.		CD74HCT241M96		S	SOIC	20
HD74HCT244FPEL	Renesas Technology Corp.		SN74HCT244NSR		S	SOP-EIAJ-II	20
HD74HCT244P	Renesas Technology Corp.	tpd differs	CD74HCT244E		S	PDIP	20
HD74HCT244RPEL	Renesas Technology Corp.		CD74HCT244M96		S	SOIC	20
HD74HCT245FPEL	Renesas Technology Corp.		SN74HCT245NSR		S	SOP-EIAJ-II	20
HD74HCT245P	Renesas Technology Corp.	tpd differs	CD74HCT245E		S	PDIP	20
HD74HCT245RPEL	Renesas Technology Corp.	tpd differs	CD74HCT245M96		S	SOP	20
HD74HCT373FPEL	Renesas Technology Corp.		SN74HCT373NSR		S	SOP-EIAJ-II	20
HD74HCT373P	Renesas Technology Corp.		CD74HCT373E		S	PDIP	20
HD74HCT373RPEL	Renesas Technology Corp.		CD74HCT373M96		S	SOP	20
HD74HCT374FPEL	Renesas Technology Corp.		SN74HCT374NSR		S	SOP-EIAJ-II	20
HD74HCT374P	Renesas Technology Corp.	tpd differs	CD74HCT374E		S	PDIP	20
HD74HCT374RPEL	Renesas Technology Corp.	tpd differs	CD74HCT374M96		S	SOIC	20
HD74HCT534P	Renesas Technology Corp.		CD74HCT534E		S	PDIP	20
HD74HCT540P	Renesas Technology Corp.		CD74HCT540E		S	PDIP	20
HD74HCT541FPEL	Renesas Technology Corp.		SN74HCT541NSR		S	SOP-EIAJ-II	20
HD74HCT541P	Renesas Technology Corp.		CD74HCT541E		S	PDIP	20
HD74HCT541RP	Renesas Technology Corp.		SN74HCT541DW		S	SOIC	20
HD74HCT541RPEL	Renesas Technology Corp.		CD74HCT541M96		S	SOIC	20
HD74HCT563RPEL	Renesas Technology Corp.		CD74HCT563M		S	SOP	20
HD74HCT564P	Renesas Technology Corp.		CD74HCT564E		S	PDIP	20
HD74HCT564RPEL	Renesas Technology Corp.		CD74HCT564M	Not available reeled, use tubed	S	SOIC	20
HD74HCT573FPEL	Renesas Technology Corp.		SN74HCT573NSR		S	SOP-EIAJ-II	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HD74HCT573P	Renesas Technology Corp.		CD74HCT573E		S	PDIP	20
HD74HCT574FPEL	Renesas Technology Corp.		SN74HCT574NSR		S	SOP-EIAJ-II	20
HD74HCT574P	Renesas Technology Corp.	tpd differs	CD74HCT574E		S	PDIP	20
HD74HCT574RPEL	Renesas Technology Corp.	tpd differs	CD74HCT574M96		S	SOIC	20
HD74HCT623RPEL	Renesas Technology Corp.		SN74HCT623DW	Not available reeled, use tubed	S	SOIC	20
HD74HCT640P	Renesas Technology Corp.		CD74HCT640E		S	PDIP	20
HD74HCT640RP	Renesas Technology Corp.	tpd differs	CD74HCT640M		S	SSOP	20
HD74HCT640RPEL	Renesas Technology Corp.		CD74HCT640M	Not available reeled, use tubed	S	SOIC	20
HD74HCT688P	Renesas Technology Corp.		CD74HCT688E		S	PDIP	20
HD74HCT688RPEL	Renesas Technology Corp.		CD74HCT688M96		S	SOIC	20
HD74LS00FP	Renesas Technology Corp.	FP-14DAV package	SN74LS00NSR		S	SOP-EIAJ-II	14
HD74LS00FPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS00NSR		S	SOP-EIAJ-II	14
HD74LS00P	Renesas Technology Corp.	DP-14 package	SN74LS00N		S	PDIP	14
HD74LS00P	Hitachi America		SN74LS00N		S	PDIP	14
HD74LS00P	Hitachi America	tpd differs	SN74LS26N		S	PDIP	14
HD74LS00RP	Renesas Technology Corp.	FP-14DNP package	SN74LS00D		S	SOIC	14
HD74LS00RP	Hitachi America		SN74LS00D		S	SOIC	14
HD74LS00RP	Renesas Technology Corp.		SN74LS00DE4		S	SOIC	14
HD74LS00RP	Hitachi America		SN74LS26D		S	SOIC	14
HD74LS00RPEL	Renesas Technology Corp.	FP-14DNP package	SN74LS00DR		S	SOIC	14
HD74LS01P	Hitachi America		SN74LS00N		S	PDIP	14
HD74LS01RP	Hitachi America		SN74LS00D		S	SOIC	14
HD74LS02FP	Renesas Technology Corp.	FP-14DAV package	SN74LS02NSR		S	SOP-EIAJ-II	14
HD74LS02FPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS02NSR		S	SOP-EIAJ-II	14
HD74LS02P	Renesas Technology Corp.	DP-14 package	SN74LS02N		S	PDIP	14
HD74LS02RP	Renesas Technology Corp.	FP-14DNP package	SN74LS02D		S	SOIC	14
HD74LS02RP	Renesas Technology Corp.		SN74LS02DE4		S	SOIC	14
HD74LS02RPEL	Renesas Technology Corp.	FP-14DNP package	SN74LS02DR		S	SOIC	14
HD74LS03FP	Renesas Technology Corp.	FP-14DAV package	SN74LS03NSR		S	SOP-EIAJ-II	14
HD74LS03FPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS03NSR		S	SOP-EIAJ-II	14
HD74LS03P	Hitachi America		SN74LS00N		S	PDIP	14
HD74LS03P	Renesas Technology Corp.	DP-14 package	SN74LS03N		S	PDIP	14
HD74LS03P	Hitachi America	tpd differs	SN74LS26N		S	PDIP	14
HD74LS03RP	Hitachi America		SN74LS00D		S	SOIC	14
HD74LS03RP	Hitachi America		SN74LS26D		S	SOIC	14
HD74LS03RPEL	Renesas Technology Corp.	FP-14DNP package	SN74LS03DR		S	SOIC	14
HD74LS04FP	Renesas Technology Corp.		SN74LS04NSR		S	SOP	14
HD74LS04FPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS04NSR		S	SOP-EIAJ-II	14
HD74LS04P	Renesas Technology Corp.	DP-14 package	SN74LS04N		S	PDIP	14
HD74LS04RP	Renesas Technology Corp.	FP-14DNP package	SN74LS04D		S	SOIC	14
HD74LS04RPEL	Renesas Technology Corp.	FP-14DNP package	SN74LS04DR		S	SOIC	14
HD74LS05FP	Renesas Technology Corp.		SN74LS05D		S	SOP	14
HD74LS05FP	Renesas Technology Corp.		SN74LS05DR		S	SOP	14
HD74LS05FP	Renesas Technology Corp.		SN74LS05NSR		S	SOP	14
HD74LS05FPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS05NSR		S	SOP-EIAJ-II	14
HD74LS05P	Renesas Technology Corp.	DP-14 package	SN74LS05N		S	PDIP	14
HD74LS05RP	Renesas Technology Corp.	FP-14DNP package	SN74LS05D		S	SOIC	14
HD74LS05RP	Renesas Technology Corp.		SN74LS05DR		S	SOP	14
HD74LS05RPEL	Renesas Technology Corp.	FP-14DNP package	SN74LS05DR		S	SOIC	14
HD74LS06FP	Renesas Technology Corp.		SN74LS06NSR		S	SOP	14
HD74LS06FPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS06NSR		S	SOP-EIAJ-II	14
HD74LS06P	Renesas Technology Corp.	DP-14 package	SN74LS06N		S	PDIP	14
HD74LS06RP	Renesas Technology Corp.	FP-14DNP package	SN74LS06D		S	SOIC	14
HD74LS06RPEL	Renesas Technology Corp.	FP-14DNP package	SN74LS06DR		S	SOIC	14
HD74LS07FP	Renesas Technology Corp.		SN74LS07DBR		S	SOIC	14
HD74LS07FP	Renesas Technology Corp.		SN74LS07NSR		S	SOIC	14
HD74LS07FPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS07NSR		S	SOP-EIAJ-II	14
HD74LS07P	Renesas Technology Corp.	DP-14 package	SN74LS07N		S	PDIP	14
HD74LS07RPEL	Renesas Technology Corp.	FP-14DNP package	SN74LS07DR		S	SOIC	14
HD74LS08FP	Renesas Technology Corp.	FP-14DAV package	SN74LS08NSR		S	SOP-EIAJ-II	14
HD74LS08FPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS08NSR		S	SOP-EIAJ-II	14
HD74LS08P	Renesas Technology Corp.	DP-14 package	SN74LS08N		S	PDIP	14
HD74LS08P	Hitachi America		SN74LS08N		S	PDIP	14
HD74LS08RP	Renesas Technology Corp.	FP-14DNP package	SN74LS08D		S	SOIC	14

HD74HCT573P — HD74LS08RP

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HD74LS08RP	Hitachi America		SN74LS08D		S	SOIC	14
HD74LS08RPPEL	Renesas Technology Corp.	FP-14DNP package	SN74LS08DR		S	SOIC	14
HD74LS09FP	Renesas Technology Corp.	FP-14DAV package	SN74LS09NSR		S	SOP-EIAJ-II	14
HD74LS09FPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS09NSR		S	SOP-EIAJ-II	14
HD74LS09P	Renesas Technology Corp.	DP-14 package	SN74LS09N		S	PDIP	14
HD74LS09RPPEL	Renesas Technology Corp.	FP-14DNP package	SN74LS09DR		S	SOIC	14
HD74LS107AFP	Renesas Technology Corp.	FP-14DAV package	SN74LS107ANSR		S	SOP-EIAJ-II	14
HD74LS107AFPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS107ANSR		S	SOP-EIAJ-II	14
HD74LS107AP	Renesas Technology Corp.	DP-14 package	SN74LS107AN		S	PDIP	14
HD74LS107ARP	Hitachi America		SN74LS107AD		S	SOIC	14
HD74LS107ARPEL	Renesas Technology Corp.	FP-14DNP package	SN74LS107ADR		S	SOIC	14
HD74LS109AFP	Hitachi America		SN74LS109ANSR		S	SOP-EIAJ-II	16
HD74LS109AP	Renesas Technology Corp.	DP-16E package	SN74LS109AN		S	PDIP	16
HD74LS10FP	Renesas Technology Corp.	FP-14DAV package	SN74LS10NSR		S	SOP-EIAJ-II	14
HD74LS10FPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS10NSR		S	SOP-EIAJ-II	14
HD74LS10P	Renesas Technology Corp.	DP-14 package	SN74LS10N		S	PDIP	14
HD74LS10RP	Renesas Technology Corp.	FP-14DNP package	SN74LS10D		S	SOIC	14
HD74LS10RPPEL	Renesas Technology Corp.	FP-14DNP package	SN74LS10DR		S	SOIC	14
HD74LS112FP	Renesas Technology Corp.	FP-16DAV package	SN74LS112ANSR		S	SOP-EIAJ-II	16
HD74LS112FPPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS112ANSR		S	SOP-EIAJ-II	16
HD74LS112P	Renesas Technology Corp.	DP-16E package	SN74LS112AN		S	PDIP	16
HD74LS112RP	Renesas Technology Corp.	FP-16DNP package	SN74LS112AD		S	SOIC	16
HD74LS112RPPEL	Renesas Technology Corp.	FP-16DNP package	SN74LS112ADR		S	SOIC	16
HD74LS11FP	Renesas Technology Corp.	FP-14DAV package	SN74LS11NSR		S	SOP-EIAJ-II	14
HD74LS11FPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS11NSR		S	SOP-EIAJ-II	14
HD74LS11P	Renesas Technology Corp.	DP-14 package	SN74LS11N		S	PDIP	14
HD74LS122FP	Renesas Technology Corp.		SN74LS122NSR		S	SOP	14
HD74LS122FPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS122NSR		S	SOP-EIAJ-II	14
HD74LS122P	Renesas Technology Corp.	DP-14 package	SN74LS122N		S	PDIP	14
HD74LS122RPPEL	Renesas Technology Corp.	FP-14DNP package	SN74LS122DR		S	SOIC	14
HD74LS123FP	Renesas Technology Corp.		SN74LS123NSR		S	SOP	16
HD74LS123FPPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS123NSR		S	SOP-EIAJ-II	16
HD74LS123P	Renesas Technology Corp.	DP-16E package	SN74LS123N		S	PDIP	16
HD74LS123RP	Renesas Technology Corp.	FP-16DNP package	SN74LS123D		S	SOIC	16
HD74LS123RPPEL	Renesas Technology Corp.	FP-16DNP package	SN74LS123DR		S	SOIC	16
HD74LS125AFP	Renesas Technology Corp.	FP-14DAV package	SN74LS125ANSR		S	SOP-EIAJ-II	14
HD74LS125AFPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS125ANSR		S	SOP-EIAJ-II	14
HD74LS125AP	Renesas Technology Corp.	DP-14 package	SN74LS125AN		S	PDIP	14
HD74LS125ARP	Renesas Technology Corp.	FP-14DNP package	SN74LS125AD		S	SOIC	14
HD74LS125ARPEL	Renesas Technology Corp.	FP-14DNP package	SN74LS125ADR		S	SOIC	14
HD74LS126AFP	Renesas Technology Corp.	FP-14DAV package	SN74LS126ANSR		S	SOP-EIAJ-II	14
HD74LS126AFPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS126ANSR		S	SOP-EIAJ-II	14
HD74LS126AP	Renesas Technology Corp.	DP-14 package	SN74LS126AN		S	PDIP	14
HD74LS126ARP	Renesas Technology Corp.	FP-14DNP package	SN74LS126AD		S	SOIC	14
HD74LS126ARPEL	Renesas Technology Corp.	FP-14DNP package	SN74LS126ADR		S	SOIC	14
HD74LS132FP	Renesas Technology Corp.	FP-14DAV package	SN74LS132NSR		S	SOP-EIAJ-II	14
HD74LS132FPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS132NSR		S	SOP-EIAJ-II	14
HD74LS132P	Renesas Technology Corp.	DP-14 package	SN74LS132N		S	PDIP	14
HD74LS132RP	Renesas Technology Corp.	FP-14DNP package	SN74LS132D		S	SOIC	14
HD74LS132RPPEL	Renesas Technology Corp.	FP-14DNP package	SN74LS132DR		S	SOIC	14
HD74LS136FP	Renesas Technology Corp.	FP-14DAV package	SN74LS136NSR		S	SOP-EIAJ-II	14
HD74LS136FP	Hitachi America		SN74LS136NSR		S	SOP-EIAJ-II	14
HD74LS136FPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS136NSR		S	SOP-EIAJ-II	14
HD74LS136P	Renesas Technology Corp.	DP-14 package	SN74LS136N		S	PDIP	14
HD74LS136P	Hitachi America		SN74LS136N		S	PDIP	14
HD74LS136RP	Hitachi America		SN74LS136D		S	SOIC	14
HD74LS136RP	Renesas Technology Corp.		SN74LS136D		S	SOIC	14
HD74LS136RPPEL	Renesas Technology Corp.	FP-14DNP package	SN74LS136DR		S	SOIC	14
HD74LS138FP	Renesas Technology Corp.		SN74LS138NSR		S	SOP	16
HD74LS138FPPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS138NSR		S	SOP-EIAJ-II	16
HD74LS138P	Renesas Technology Corp.	DP-16E package	SN74LS138N		S	PDIP	16
HD74LS138RP	Renesas Technology Corp.	FP-16DNP package	SN74LS138D		S	SOIC	16
HD74LS138RPPEL	Renesas Technology Corp.	FP-16DNP package	SN74LS138DR		S	SOIC	16
HD74LS139FP	Renesas Technology Corp.		SN74LS139ANSR		S	SOP	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HD74LS139FPPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS139ANSR		S	SOP-EIAJ-II	16
HD74LS139P	Renesas Technology Corp.	DP-16E package	SN74LS139AN		S	PDIP	16
HD74LS139RP	Renesas Technology Corp.	FP-16DNN package	SN74LS139AD		S	SOIC	16
HD74LS139RPPEL	Renesas Technology Corp.	FP-16DNN package	SN74LS139ADR		S	SOIC	16
HD74LS145FP	Renesas Technology Corp.		SN74LS145NSR		S	SOP	16
HD74LS145FPPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS145NSR		S	SOP-EIAJ-II	16
HD74LS145P	Renesas Technology Corp.	DP-16E package	SN74LS145N		S	PDIP	16
HD74LS145RPPEL	Renesas Technology Corp.	FP-16DNN package	SN74LS145DR		S	SOIC	16
HD74LS148FP	Renesas Technology Corp.		SN74LS148NSR		S	SOP	16
HD74LS148FPPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS148NSR		S	SOP-EIAJ-II	16
HD74LS148P	Renesas Technology Corp.	DP-16E package	SN74LS148N		S	PDIP	16
HD74LS148RPPEL	Renesas Technology Corp.	FP-16DNN package	SN74LS148DR		S	SOIC	16
HD74LS14FP	Renesas Technology Corp.		SN74LS14NSR		S	SOP	14
HD74LS14FPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS14NSR		S	SOP-EIAJ-II	14
HD74LS14P	Renesas Technology Corp.	DP-14 package	SN74LS14N		S	PDIP	14
HD74LS151FPPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS151NSR		S	SOP-EIAJ-II	16
HD74LS151P	Renesas Technology Corp.	DP-16E package	SN74LS151N		S	PDIP	16
HD74LS151RP	Renesas Technology Corp.	FP-16DNN package	SN74LS151D		S	SOIC	16
HD74LS151RPPEL	Renesas Technology Corp.	FP-16DNN package	SN74LS151DR		S	SOIC	16
HD74LS153FP	Renesas Technology Corp.		SN74LS153NSR		S	SOP	16
HD74LS153FPPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS153NSR		S	SOP-EIAJ-II	16
HD74LS153P	Renesas Technology Corp.	DP-16E package	SN74LS153N		S	PDIP	16
HD74LS153RP	Renesas Technology Corp.	FP-16DNN package	SN74LS153D		S	SOIC	16
HD74LS153RPPEL	Renesas Technology Corp.	FP-16DNN package	SN74LS153DR		S	SOIC	16
HD74LS155FPPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS155ANSR		S	SOP-EIAJ-II	16
HD74LS155P	Renesas Technology Corp.	DP-16E package	SN74LS155AN		S	PDIP	16
HD74LS155RPPEL	Renesas Technology Corp.	FP-16DNN package	SN74LS155ADR		S	SOIC	16
HD74LS156FPPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS156NSR		S	SOP-EIAJ-II	16
HD74LS156P	Renesas Technology Corp.	DP-16E package	SN74LS156N		S	PDIP	16
HD74LS156RP	Renesas Technology Corp.	FP-16DNN package	SN74LS156D		S	SOIC	16
HD74LS156RPPEL	Renesas Technology Corp.	FP-16DNN package	SN74LS156DR		S	SOIC	16
HD74LS157FP	Renesas Technology Corp.		SN74LS157NSR		S	SOP	16
HD74LS157FPPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS157NSR		S	SOP-EIAJ-II	16
HD74LS157P	Renesas Technology Corp.	DP-16E package	SN74LS157N		S	PDIP	16
HD74LS157RP	Renesas Technology Corp.	FP-16DNN package	SN74LS157D		S	SOIC	16
HD74LS157RPPEL	Renesas Technology Corp.	FP-16DNN package	SN74LS157DR		S	SOIC	16
HD74LS158FP	Renesas Technology Corp.	tpd differs	SN74LS158NSR		S	SOP	16
HD74LS158FPPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS158NSR		S	SOP-EIAJ-II	16
HD74LS158P	Renesas Technology Corp.	DP-16E package	SN74LS158N		S	PDIP	16
HD74LS158RPPEL	Renesas Technology Corp.	FP-16DNN package	SN74LS158DR		S	SOIC	16
HD74LS161AFP	Renesas Technology Corp.	FP-16DAV package	SN74LS161ANSR		S	SOP-EIAJ-II	16
HD74LS161AFPPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS161ANSR		S	SOP-EIAJ-II	16
HD74LS161AP	Renesas Technology Corp.	DP-16E package	SN74LS161AN		S	PDIP	16
HD74LS161ARP	Renesas Technology Corp.	FP-16DNN package	SN74LS161AD		S	SOIC	16
HD74LS161ARPPEL	Renesas Technology Corp.	FP-16DNN package	SN74LS161ADR		S	SOIC	16
HD74LS163AFP	Renesas Technology Corp.	FP-16DAV package	SN74LS163ANSR		S	SOP-EIAJ-II	16
HD74LS163AFPPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS163ANSR		S	SOP-EIAJ-II	16
HD74LS163AP	Renesas Technology Corp.	DP-16E package	SN74LS163AN		S	PDIP	16
HD74LS163ARP	Renesas Technology Corp.	FP-16DNN package	SN74LS163AD		S	SOIC	16
HD74LS163ARPPEL	Renesas Technology Corp.	FP-16DNN package	SN74LS163ADR		S	SOIC	16
HD74LS164FP	Renesas Technology Corp.	FP-14DAV package	SN74LS164NSR		S	SOP-EIAJ-II	14
HD74LS164FPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS164NSR		S	SOP-EIAJ-II	14
HD74LS164P	Renesas Technology Corp.	DP-14 package	SN74LS164N		S	PDIP	14
HD74LS164RP	Renesas Technology Corp.	FP-14DNN package	SN74LS164D		S	SOIC	14
HD74LS164RPPEL	Renesas Technology Corp.	FP-14DNN package	SN74LS164DR		S	SOIC	14
HD74LS165AFP	Renesas Technology Corp.	FP-16DAV package	SN74LS165ANSR		S	SOP-EIAJ-II	16
HD74LS165AFPPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS165ANSR		S	SOP-EIAJ-II	16
HD74LS165AP	Renesas Technology Corp.	DP-16E package	SN74LS165AN		S	PDIP	16
HD74LS165ARP	Renesas Technology Corp.		SN74LS165AD		S	SOIC	16
HD74LS166AP	Renesas Technology Corp.	DP-16E package	SN74LS166AN		S	PDIP	16
HD74LS174FP	Renesas Technology Corp.	tpd differs	SN74LS174NSR		S	SOP	16
HD74LS174FPPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS174NSR		S	SOP-EIAJ-II	16
HD74LS174P	Renesas Technology Corp.	DP-16E package	SN74LS174N		S	PDIP	16
HD74LS174RP	Renesas Technology Corp.	FP-16DNN package	SN74LS174D		S	SOIC	16

HD74LS139FPPEL — HD74LS174RP

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HD74LS174RPEL	Renesas Technology Corp.	FP-16DNV package	SN74LS174DR		S	SOIC	16
HD74LS175FP	Renesas Technology Corp.	tpd differs	SN74LS175NSR		S	SOP	16
HD74LS175FPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS175NSR		S	SOP-EIAJ-II	16
HD74LS175P	Renesas Technology Corp.	DP-16E package	SN74LS175N		S	PDIP	16
HD74LS175RP	Renesas Technology Corp.	FP-16DNV package	SN74LS175D		S	SOIC	16
HD74LS175RPEL	Renesas Technology Corp.	FP-16DNV package	SN74LS175DR		S	SOIC	16
HD74LS191FP	Renesas Technology Corp.	FP-16DAV package	SN74LS191NSR		S	SOP-EIAJ-II	16
HD74LS191FPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS191NSR		S	SOP-EIAJ-II	16
HD74LS191P	Renesas Technology Corp.	DP-16E package	SN74LS191N		S	PDIP	16
HD74LS191P	Renesas Technology Corp.		SN74LS194AN		S	PDIP	16
HD74LS191P	Renesas Technology Corp.		SN74LS194ANE4		S	PDIP	16
HD74LS191RP	Renesas Technology Corp.		SN74LS194AD		S	SOIC	16
HD74LS191RP	Renesas Technology Corp.		SN74LS194ADRE4		S	SOIC	16
HD74LS191RPEL	Renesas Technology Corp.	FP-16DNV package	SN74LS191DR		S	SOIC	16
HD74LS193FP	Renesas Technology Corp.	FP-16DAV package	SN74LS193NSR		S	SOP-EIAJ-II	16
HD74LS193FPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS193NSR		S	SOP-EIAJ-II	16
HD74LS193P	Renesas Technology Corp.	DP-16E package	SN74LS193N		S	PDIP	16
HD74LS193P	Renesas Technology Corp.		SN74LS194AN		S	PDIP	16
HD74LS193P	Renesas Technology Corp.		SN74LS194ANE4		S	PDIP	16
HD74LS193RP	Renesas Technology Corp.	FP-16DNV package	SN74LS193D		S	SOIC	16
HD74LS193RP	Renesas Technology Corp.		SN74LS194AD		S	SOIC	16
HD74LS193RP	Renesas Technology Corp.		SN74LS194ADRE4		S	SOIC	16
HD74LS193RPEL	Renesas Technology Corp.	FP-16DNV package	SN74LS193DR		S	SOIC	16
HD74LS194AP	Hitachi America		SN74LS194AN		S	PDIP	16
HD74LS194AP	Renesas Technology Corp.	DP-16E package	SN74LS194AN		S	PDIP	16
HD74LS194AP	Renesas Technology Corp.		SN74LS194ANE4		S	PDIP	16
HD74LS194ARP	Renesas Technology Corp.		SN74LS194AD		S	SOIC	16
HD74LS194ARP	Renesas Technology Corp.		SN74LS194ADRE4		S	SOIC	16
HD74LS195AP	Renesas Technology Corp.		SN74LS194AN		S	PDIP	16
HD74LS195AP	Renesas Technology Corp.		SN74LS194ANE4		S	PDIP	16
HD74LS195ARP	Renesas Technology Corp.		SN74LS194AD		S	SOIC	16
HD74LS195ARP	Renesas Technology Corp.		SN74LS194ADRE4		S	SOIC	16
HD74LS20FP	Renesas Technology Corp.	FP-14DAV package	SN74LS20NSR		S	SOP-EIAJ-II	14
HD74LS20FPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS20NSR		S	SOP-EIAJ-II	14
HD74LS20P	Renesas Technology Corp.	DP-14 package	SN74LS20N		S	PDIP	14
HD74LS20RP	Renesas Technology Corp.	FP-14DNV package	SN74LS20D		S	SOIC	14
HD74LS20RPEL	Renesas Technology Corp.	FP-14DNV package	SN74LS20DR		S	SOIC	14
HD74LS21FP	Renesas Technology Corp.	FP-14DAV package	SN74LS21NSR		S	SOP-EIAJ-II	14
HD74LS21FPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS21NSR		S	SOP-EIAJ-II	14
HD74LS21P	Renesas Technology Corp.	DP-14 package	SN74LS21N		S	PDIP	14
HD74LS221FPPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS221NSR		S	SOP-EIAJ-II	16
HD74LS221P	Renesas Technology Corp.	DP-16E package	SN74LS221N		S	PDIP	16
HD74LS221RP	Renesas Technology Corp.	FP-16DNV package	SN74LS221D		S	SOIC	16
HD74LS221RPEL	Renesas Technology Corp.	FP-16DNV package	SN74LS221DR		S	SOIC	16
HD74LS240FP	Renesas Technology Corp.	FP-20DAV package	SN74LS240NSR		S	SOP-EIAJ-II	20
HD74LS240FPPEL	Renesas Technology Corp.	FP-20DAV package	SN74LS240NSR		S	SOP-EIAJ-II	20
HD74LS240P	Renesas Technology Corp.	DP-20N package	SN74LS240N		S	PDIP	20
HD74LS240RP	Renesas Technology Corp.	FP-20DBV package	SN74LS240DW		S	SOIC	20
HD74LS240RPEL	Renesas Technology Corp.	FP-20DBV package	SN74LS240DWR		S	SOIC	20
HD74LS241FP	Renesas Technology Corp.	FP-20DAV package	SN74LS241NSR		S	SOP-EIAJ-II	20
HD74LS241FPPEL	Renesas Technology Corp.	FP-20DAV package	SN74LS241NSR		S	SOP-EIAJ-II	20
HD74LS241P	Renesas Technology Corp.	DP-20N package	SN74LS241N		S	PDIP	20
HD74LS241RPEL	Renesas Technology Corp.	FP-20DBV package	SN74LS241DWR		S	SOIC	20
HD74LS243P	Renesas Technology Corp.	DP-14 package	SN74LS243N		S	PDIP	14
HD74LS243RPEL	Renesas Technology Corp.	FP-14DNV package	SN74LS243DR		S	SOIC	14
HD74LS244FP	Renesas Technology Corp.	FP-20DAV package	SN74LS244NSR		S	SOP-EIAJ-II	20
HD74LS244FPPEL	Renesas Technology Corp.	FP-20DAV package	SN74LS244NSR		S	SOP-EIAJ-II	20
HD74LS244P	Renesas Technology Corp.	DP-20N package	SN74LS244N		S	PDIP	20
HD74LS244RP	Renesas Technology Corp.	FP-20DBV package	SN74LS244DW		S	SOIC	20
HD74LS244RPEL	Renesas Technology Corp.	FP-20DBV package	SN74LS244DWR		S	SOIC	20
HD74LS245FP	Renesas Technology Corp.	tpd differs	SN74LS245NSR		S	SOP	20
HD74LS245FP	Renesas Technology Corp.		SN74LS645-1NSR		S	SOP	20
HD74LS245FPPEL	Renesas Technology Corp.	FP-20DAV package	SN74LS245NSR		S	SOP-EIAJ-II	20
HD74LS245P	Renesas Technology Corp.	DP-20N package	SN74LS245N		S	PDIP	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HD74LS245P	Renesas Technology Corp.		SN74LS645-1N		S	PDIP	20
HD74LS245P	Renesas Technology Corp.		SN74LS645N		S	PDIP	20
HD74LS245RP	Renesas Technology Corp.	FP-20DBV package	SN74LS245DW		S	SOIC	20
HD74LS245RP	Renesas Technology Corp.		SN74LS645DW		S	SOIC	20
HD74LS245RPEL	Renesas Technology Corp.	FP-20DBV package	SN74LS245DWR		S	SOIC	20
HD74LS247FP	Renesas Technology Corp.		SN74LS247NSR		S	SOP	16
HD74LS247FPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS247NSR		S	SOP-EIAJ-II	16
HD74LS247P	Renesas Technology Corp.	DP-16E package	SN74LS247N		S	PDIP	16
HD74LS247RPEL	Renesas Technology Corp.	FP-16DNN package	SN74LS247DR		S	SOIC	16
HD74LS251FP	Renesas Technology Corp.		SN74LS251NSR		S	SOP	16
HD74LS251FPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS251NSR		S	SOP-EIAJ-II	16
HD74LS251P	Renesas Technology Corp.	DP-16E package	SN74LS251N		S	PDIP	16
HD74LS251RPEL	Renesas Technology Corp.	FP-16DNN package	SN74LS251DR		S	SOIC	16
HD74LS253FP	Renesas Technology Corp.		SN74LS253NSR		S	SOP	16
HD74LS253FPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS253NSR		S	SOP-EIAJ-II	16
HD74LS253P	Renesas Technology Corp.	DP-16E package	SN74LS253N		S	PDIP	16
HD74LS253RPEL	Renesas Technology Corp.	FP-16DNN package	SN74LS253DR		S	SOIC	16
HD74LS257FP	Renesas Technology Corp.	tpd differs	SN74LS257BNSR		S	SOP	16
HD74LS257FPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS257BNSR		S	SOP-EIAJ-II	16
HD74LS257P	Renesas Technology Corp.	DP-16E package	SN74LS257BN		S	PDIP	16
HD74LS257RPEL	Renesas Technology Corp.	FP-16DNN package	SN74LS257BDR		S	SOIC	16
HD74LS258FP	Renesas Technology Corp.	tpd differs	SN74LS258BNSR		S	SOP	16
HD74LS258FPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS258BNSR		S	SOP-EIAJ-II	16
HD74LS258P	Renesas Technology Corp.	DP-16E package	SN74LS258BN		S	PDIP	16
HD74LS258RPEL	Renesas Technology Corp.	FP-16DNN package	SN74LS258BDR		S	SOIC	16
HD74LS259FPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS259BNSR		S	SOP-EIAJ-II	16
HD74LS259P	Renesas Technology Corp.	DP-16E package	SN74LS259BN		S	PDIP	16
HD74LS259RP	Renesas Technology Corp.	FP-16DNN package	SN74LS259BD		S	SOIC	16
HD74LS259RPEL	Renesas Technology Corp.	FP-16DNN package	SN74LS259BDR		S	SOIC	16
HD74LS266FP	Renesas Technology Corp.	FP-14DAV package	SN74LS266NSR		S	SOP-EIAJ-II	14
HD74LS266FPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS266NSR		S	SOP-EIAJ-II	14
HD74LS266P	Renesas Technology Corp.	DP-14 package	SN74LS266N		S	PDIP	14
HD74LS266RPEL	Renesas Technology Corp.	FP-14DNN package	SN74LS266DR		S	SOIC	14
HD74LS266P	Renesas Technology Corp.	FP-14DAV package	SN74LS266NSR		S	SOP-EIAJ-II	14
HD74LS266FPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS266NSR		S	SOP-EIAJ-II	14
HD74LS26P	Hitachi America		SN74LS00N		S	PDIP	14
HD74LS26P	Renesas Technology Corp.	DP-14 package	SN74LS26N		S	PDIP	14
HD74LS26P	Hitachi America		SN74LS26N		S	PDIP	14
HD74LS26RP	Hitachi America		SN74LS00D		S	SOIC	14
HD74LS26RP	Hitachi America		SN74LS26D		S	SOIC	14
HD74LS26RP	Renesas Technology Corp.		SN74LS26D		S	SOIC	14
HD74LS273FP	Renesas Technology Corp.	FP-20DAV package	SN74LS273NSR		S	SOP-EIAJ-II	20
HD74LS273FPEL	Renesas Technology Corp.	FP-20DAV package	SN74LS273NSR		S	SOP-EIAJ-II	20
HD74LS273P	Renesas Technology Corp.	DP-20N package	SN74LS273N		S	PDIP	20
HD74LS273RP	Renesas Technology Corp.	FP-20DBV package	SN74LS273DW		S	SOIC	20
HD74LS273RPEL	Renesas Technology Corp.	FP-20DBV package	SN74LS273DWR		S	SOIC	20
HD74LS279FP	Renesas Technology Corp.		SN74LS279ANSR		S	SOP	16
HD74LS279FPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS279ANSR		S	SOP-EIAJ-II	16
HD74LS279P	Renesas Technology Corp.	DP-16E package	SN74LS279AN		S	PDIP	16
HD74LS279RPEL	Renesas Technology Corp.	FP-16DNN package	SN74LS279ADR		S	SOIC	16
HD74LS27FP	Renesas Technology Corp.	FP-14DAV package	SN74LS27NSR		S	SOP-EIAJ-II	14
HD74LS27FPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS27NSR		S	SOP-EIAJ-II	14
HD74LS27P	Renesas Technology Corp.	DP-14 package	SN74LS27N		S	PDIP	14
HD74LS27RPEL	Renesas Technology Corp.	FP-14DNN package	SN74LS27DR		S	SOIC	14
HD74LS280FP	Renesas Technology Corp.		SN74LS280NSR		S	SOP	14
HD74LS280FPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS280NSR		S	SOP-EIAJ-II	14
HD74LS280P	Renesas Technology Corp.	DP-14 package	SN74LS280N		S	PDIP	14
HD74LS280RPEL	Renesas Technology Corp.	FP-16DNN package	SN74LS280DR		S	SOIC	16
HD74LS283FP	Renesas Technology Corp.		SN74LS283NSR		S	SOP	16
HD74LS283FPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS283NSR		S	SOP-EIAJ-II	16
HD74LS283P	Renesas Technology Corp.	DP-16E package	SN74LS283N		S	PDIP	16
HD74LS283RPEL	Renesas Technology Corp.	FP-16DNN package	SN74LS283DR		S	SOIC	16
HD74LS293P	Renesas Technology Corp.	DP-14 package	SN74LS293N		S	PDIP	14
HD74LS293RPEL	Renesas Technology Corp.	FP-14DNN package	SN74LS293DR		S	SOIC	14

HD74LS245P — HD74LS293RPEL

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HD74LS298P	Renesas Technology Corp.	DP-16E package	SN74LS298N		S	PDIP	16
HD74LS298RP	Renesas Technology Corp.		SN74LS298D		S	SOIC	16
HD74LS298RPEL	Renesas Technology Corp.	FP-16DNP package	SN74LS298DR		S	SOIC	16
HD74LS30FP	Renesas Technology Corp.	FP-14DAV package	SN74LS30NSR		S	SOP-EIAJ-II	14
HD74LS30FP	Hitachi America		SN74LS30NSR		S	SOP-EIAJ-II	14
HD74LS30FPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS30NSR		S	SOP-EIAJ-II	14
HD74LS30P	Renesas Technology Corp.	DP-14 package	SN74LS30N		S	PDIP	14
HD74LS30P	Hitachi America		SN74LS30N		S	PDIP	14
HD74LS30RP	Renesas Technology Corp.	FP-14DNP package	SN74LS30D		S	SOIC	14
HD74LS30RP	Hitachi America		SN74LS30D		S	SOIC	14
HD74LS30RPEL	Renesas Technology Corp.	FP-14DNP package	SN74LS30DR		S	SOIC	14
HD74LS32FP	Renesas Technology Corp.	FP-14DAV package	SN74LS32NSR		S	SOP-EIAJ-II	14
HD74LS32FPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS32NSR		S	SOP-EIAJ-II	14
HD74LS32P	Renesas Technology Corp.	DP-14 package	SN74LS32N		S	PDIP	14
HD74LS32RP	Renesas Technology Corp.		SN74LS32D		S	SOIC	14
HD74LS32RPEL	Renesas Technology Corp.	FP-14DNP package	SN74LS32DR		S	SOIC	14
HD74LS365AFP	Renesas Technology Corp.	FP-16DAV package	SN74LS365ANSR		S	SOP-EIAJ-II	16
HD74LS365AFPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS365ANSR		S	SOP-EIAJ-II	16
HD74LS365AP	Renesas Technology Corp.	DP-16E package	SN74LS365AN		S	PDIP	16
HD74LS365ARPEL	Renesas Technology Corp.	FP-16DNP package	SN74LS365ADR		S	SOIC	16
HD74LS367AFP	Renesas Technology Corp.	FP-16DAV package	SN74LS367ANSR		S	SOP-EIAJ-II	16
HD74LS367AFPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS367ANSR		S	SOP-EIAJ-II	16
HD74LS367AP	Renesas Technology Corp.	DP-16E package	SN74LS367AN		S	PDIP	16
HD74LS367ARP	Renesas Technology Corp.	FP-16DNP package	SN74LS367AD		S	SOIC	16
HD74LS367ARPEL	Renesas Technology Corp.	FP-16DNP package	SN74LS367ADR		S	SOIC	16
HD74LS368AFP	Renesas Technology Corp.	FP-16DAV package	SN74LS368ANSR		S	SOP-EIAJ-II	16
HD74LS368AFPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS368ANSR		S	SOP-EIAJ-II	16
HD74LS368AP	Renesas Technology Corp.	DP-16E package	SN74LS368AN		S	PDIP	16
HD74LS368ARP	Renesas Technology Corp.	FP-16DNP package	SN74LS368AD		S	SOIC	16
HD74LS368ARPEL	Renesas Technology Corp.	FP-16DNP package	SN74LS368ADR		S	SOIC	16
HD74LS373FP	Renesas Technology Corp.		SN74LS373NSR		S	SOP	20
HD74LS373FPEL	Renesas Technology Corp.	FP-20DAV package	SN74LS373NSR		S	SOP-EIAJ-II	20
HD74LS373P	Renesas Technology Corp.	DP-20N package	SN74LS373N		S	PDIP	20
HD74LS373RP	Renesas Technology Corp.	FP-20DBV package	SN74LS373DW		S	SOIC	20
HD74LS373RPEL	Renesas Technology Corp.	FP-20DBV package	SN74LS373DWR		S	SOIC	20
HD74LS374FP	Renesas Technology Corp.	FP-20DAV package	SN74LS374NSR		S	SOP-EIAJ-II	20
HD74LS374FPEL	Renesas Technology Corp.	FP-20DAV package	SN74LS374NSR		S	SOP-EIAJ-II	20
HD74LS374P	Renesas Technology Corp.	DP-20N package	SN74LS374N		S	PDIP	20
HD74LS374RP	Renesas Technology Corp.	FP-20DBV package	SN74LS374DW		S	SOIC	20
HD74LS374RPEL	Renesas Technology Corp.	FP-20DBV package	SN74LS374DWR		S	SOIC	20
HD74LS375FP	Renesas Technology Corp.		SN74LS375NSR		S	SOP	16
HD74LS375FPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS375NSR		S	SOP-EIAJ-II	16
HD74LS375P	Renesas Technology Corp.	DP-16E package	SN74LS375N		S	PDIP	16
HD74LS37FP	Renesas Technology Corp.	FP-14DAV package	SN74LS37NSR		S	SOP-EIAJ-II	14
HD74LS37FPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS37NSR		S	SOP-EIAJ-II	14
HD74LS37P	Hitachi America		SN74LS00N		S	PDIP	14
HD74LS37P	Renesas Technology Corp.	DP-14 package	SN74LS37N		S	PDIP	14
HD74LS37RP	Hitachi America		SN74LS00D		S	SOIC	14
HD74LS37RP	Hitachi America	tpd differs	SN74LS38D		S	SOIC	14
HD74LS386FP	Hitachi America		SN74LS136NSR		S	SOP-EIAJ-II	14
HD74LS386P	Hitachi America		SN74LS136N		S	PDIP	14
HD74LS386RP	Hitachi America		SN74LS136D		S	SOIC	14
HD74LS38FP	Renesas Technology Corp.	FP-14DAV package	SN74LS38NSR		S	SOP-EIAJ-II	14
HD74LS38FPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS38NSR		S	SOP-EIAJ-II	14
HD74LS38P	Hitachi America		SN74LS00N		S	PDIP	14
HD74LS38P	Renesas Technology Corp.	DP-14 package	SN74LS38N		S	PDIP	14
HD74LS38RP	Hitachi America		SN74LS00D		S	SOIC	14
HD74LS38RP	Renesas Technology Corp.	FP-14DNP package	SN74LS38D		S	SOIC	14
HD74LS38RP	Hitachi America	tpd differs	SN74LS38D		S	SOIC	14
HD74LS38RP	Renesas Technology Corp.		SN74LS38DE4		S	SOIC	14
HD74LS38RPEL	Renesas Technology Corp.	FP-14DNP package	SN74LS38DR		S	SOIC	14
HD74LS390FP	Renesas Technology Corp.		SN74LS390NSR		S	SOP	16
HD74LS390FPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS390NSR		S	SOP-EIAJ-II	16
HD74LS390P	Renesas Technology Corp.	DP-16E package	SN74LS390N		S	PDIP	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HD74LS390RP	Renesas Technology Corp.		SN74LS390D		S	SOIC	16
HD74LS393FP	Renesas Technology Corp.	FP-14DAV package	SN74LS393NSR		S	SOP-EIAJ-II	14
HD74LS393FPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS393NSR		S	SOP-EIAJ-II	14
HD74LS393P	Renesas Technology Corp.	DP-14 package	SN74LS393N		S	PDIP	14
HD74LS393RP	Renesas Technology Corp.	FP-14DNV package	SN74LS393D		S	SOIC	14
HD74LS393RPPEL	Renesas Technology Corp.	FP-14DNV package	SN74LS393DR		S	SOIC	14
HD74LS42FP	Renesas Technology Corp.		SN74LS42NSR		S	SOP	16
HD74LS42FPPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS42NSR		S	SOP-EIAJ-II	16
HD74LS42P	Renesas Technology Corp.	DP-16 package	SN74LS42N		S	PDIP	16
HD74LS42RP	Renesas Technology Corp.	FP-16DNV package	SN74LS42D		S	SOIC	16
HD74LS42RPPEL	Renesas Technology Corp.	FP-16DNV package	SN74LS42D	Not available reeled, use tubed	S	SOIC	16
HD74LS47FP	Renesas Technology Corp.		SN74LS47NSR		S	SOP	16
HD74LS47FPPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS47NSR		S	SOP-EIAJ-II	16
HD74LS47P	Renesas Technology Corp.	DP-16E package	SN74LS47N		S	PDIP	16
HD74LS47RPPEL	Renesas Technology Corp.		SN74LS47D		S	SOIC	16
HD74LS51FP	Renesas Technology Corp.	FP-14DAV package	SN74LS51NSR		S	SOP-EIAJ-II	14
HD74LS51FPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS51NSR		S	SOP-EIAJ-II	14
HD74LS51P	Renesas Technology Corp.	DP-14 package	SN74LS51N		S	PDIP	14
HD74LS51RPPEL	Renesas Technology Corp.	FP-14DNV package	SN74LS51DR		S	SOIC	14
HD74LS640-1P	Renesas Technology Corp.	DP-20N package	SN74LS640-1N		S	PDIP	20
HD74LS640FP	Renesas Technology Corp.		SN74LS640-1NSR		S	SOP	20
HD74LS640FP	Renesas Technology Corp.		SN74LS640NSR		S	SOP	20
HD74LS640FPPEL	Renesas Technology Corp.	FP-20DAV package	SN74LS640NSR		S	SOP-EIAJ-II	20
HD74LS640P	Renesas Technology Corp.		SN74LS640-1N		S	PDIP	20
HD74LS640P	Renesas Technology Corp.	DP-20N package	SN74LS640N		S	PDIP	20
HD74LS640RPPEL	Renesas Technology Corp.	FP-20DBV package	SN74LS640DWR		S	SOIC	20
HD74LS641-1P	Renesas Technology Corp.		SN74LS641-1N		S	PDIP	20
HD74LS641FP	Renesas Technology Corp.		SN74LS641NSR		S	SOP	20
HD74LS641FPPEL	Renesas Technology Corp.	FP-20DAV package	SN74LS641NSR		S	SOP-EIAJ-II	20
HD74LS641P	Renesas Technology Corp.		SN74LS641-1N		S	PDIP	20
HD74LS641P	Renesas Technology Corp.	DP-20N package	SN74LS641N		S	PDIP	20
HD74LS641RPPEL	Renesas Technology Corp.	FP-20DBV package	SN74LS641DWR		S	SOIC	20
HD74LS642-1P	Renesas Technology Corp.	DP-20N package	SN74LS642-1N		S	PDIP	20
HD74LS642-1P	Renesas Technology Corp.		SN74LS642N		S	PDIP	20
HD74LS642FP	Renesas Technology Corp.		SN74LS642NSR		S	SOP	20
HD74LS642FPPEL	Renesas Technology Corp.	FP-20DAV package	SN74LS642NSR		S	SOP-EIAJ-II	20
HD74LS642P	Renesas Technology Corp.		SN74LS642-1N		S	PDIP	20
HD74LS642P	Renesas Technology Corp.	DP-20N package	SN74LS642N		S	PDIP	20
HD74LS642RP	Renesas Technology Corp.		SN74LS642DW		S	SOIC	20
HD74LS642RPPEL	Renesas Technology Corp.	FP-20DBV package	SN74LS642DW		S	SOIC	20
HD74LS645-1P	Renesas Technology Corp.	DP-20N package	SN74LS645-1N		S	PDIP	20
HD74LS645-1P	Renesas Technology Corp.		SN74LS645N		S	PDIP	20
HD74LS645FP	Renesas Technology Corp.		SN74LS645-1NSR		S	SOP	20
HD74LS645FP	Renesas Technology Corp.		SN74LS645NSR		S	SOP	20
HD74LS645FPPEL	Renesas Technology Corp.	FP-20DAV package	SN74LS645NSR		S	SOP-EIAJ-II	20
HD74LS645P	Renesas Technology Corp.		SN74LS645-1N		S	PDIP	20
HD74LS645P	Renesas Technology Corp.	DP-20N package	SN74LS645N		S	PDIP	20
HD74LS645RP	Renesas Technology Corp.		SN74LS645DW		S	SOIC	20
HD74LS645RPPEL	Renesas Technology Corp.	FP-20DBV package	SN74LS645DW	Not available reeled, use tubed	S	SOIC	20
HD74LS669P	Renesas Technology Corp.	DP-16E package	SN74LS669N		S	PDIP	16
HD74LS669RPPEL	Renesas Technology Corp.		SN74LS669D		S	SOIC	16
HD74LS73AP	Renesas Technology Corp.	DP-14 package	SN74LS73AN		S	PDIP	14
HD74LS73ARP	Renesas Technology Corp.	FP-14DNV package	SN74LS73AD		S	SOIC	14
HD74LS73ARPPEL	Renesas Technology Corp.	FP-14DNV package	SN74LS73ADR		S	SOIC	14
HD74LS74AFP	Renesas Technology Corp.	FP-14DAV package	SN74LS74ANSR		S	SOP-EIAJ-II	14
HD74LS74AFPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS74ANSR		S	SOP-EIAJ-II	14
HD74LS74AP	Renesas Technology Corp.	DP-14 package	SN74LS74AN		S	PDIP	14
HD74LS74ARP	Renesas Technology Corp.	FP-14DNV package	SN74LS74AD		S	SOIC	14
HD74LS74ARPPEL	Renesas Technology Corp.	FP-14DNV package	SN74LS74ADR		S	SOIC	14
HD74LS75FP	Renesas Technology Corp.		SN74LS75NSR		S	SOP	16
HD74LS75FPPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS75NSR		S	SOP-EIAJ-II	16
HD74LS75P	Renesas Technology Corp.	DP-16E package	SN74LS75N		S	PDIP	16
HD74LS75RPPEL	Renesas Technology Corp.	FP-16DNV package	SN74LS75DR		S	SOIC	16
HD74LS85FP	Renesas Technology Corp.		SN74LS85NSR		S	SOP	16

HD74LS390RP — HD74LS85FP

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HD74LS85FPPEL	Renesas Technology Corp.	FP-16DAV package	SN74LS85NSR		S	SOP-EIAJ-II	16
HD74LS85P	Renesas Technology Corp.	DP-16E package	SN74LS85N		S	PDIP	16
HD74LS85RPPEL	Renesas Technology Corp.	FP-16DNN package	SN74LS85DR		S	SOIC	16
HD74LS86FP	Hitachi America		SN74LS136NSR		S	SOP-EIAJ-II	14
HD74LS86FP	Renesas Technology Corp.	FP-14DAV package	SN74LS86ANSR		S	SOP-EIAJ-II	14
HD74LS86FPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS86ANSR		S	SOP-EIAJ-II	14
HD74LS86P	Hitachi America		SN74LS136N		S	PDIP	14
HD74LS86P	Renesas Technology Corp.	DP-14 package	SN74LS86AN		S	PDIP	14
HD74LS86RP	Hitachi America		SN74LS136D		S	SOIC	14
HD74LS86RP	Renesas Technology Corp.	FP-14DNN package	SN74LS86AD		S	SOIC	14
HD74LS86RP	Renesas Technology Corp.		SN74LS86ADE4		S	SOIC	14
HD74LS86RPPEL	Renesas Technology Corp.	FP-14DNN package	SN74LS86ADR		S	SOIC	14
HD74LS92FPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS92NSR		S	SOP-EIAJ-II	14
HD74LS92P	Renesas Technology Corp.	DP-14 package	SN74LS92N		S	PDIP	14
HD74LS92RPPEL	Renesas Technology Corp.	FP-14DNN package	SN74LS92DR		S	SOIC	14
HD74LS93FP	Renesas Technology Corp.	FP-14DAV package	SN74LS93NSR		S	SOP-EIAJ-II	14
HD74LS93FPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LS93NSR		S	SOP-EIAJ-II	14
HD74LS93P	Renesas Technology Corp.	DP-14 package	SN74LS93N		S	PDIP	14
HD74LS93RP	Renesas Technology Corp.		SN74LS93D		S	SOIC	14
HD74LS93RPPEL	Renesas Technology Corp.	FP-14DNN package	SN74LS93DR		S	SOIC	14
HD74LV00AFPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LV00ANSR		S	SOP-EIAJ-II	14
HD74LV00ARPPEL	Renesas Technology Corp.	FP-14DNN package	SN74LV00ADR		S	SOIC	14
HD74LV00ATELL	Renesas Technology Corp.	TTP-14DV package	SN74LV00APWR		S	TSSOP	14
HD74LV02AFPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LV02ANSR		S	SOP-EIAJ-II	14
HD74LV02ARP	Hitachi America	tpd differs	SN74LV02AD		S	SOIC	14
HD74LV02ARP	Renesas Technology Corp.	tpd differs	SN74LV02AD		S	SOIC	14
HD74LV02ARP	Renesas Technology Corp.	tpd differs	SN74LV02ADE4		S	SOIC	14
HD74LV02ARPPEL	Renesas Technology Corp.	FP-14DNN package	SN74LV02ADR		S	SOIC	14
HD74LV02ARPPEL	Renesas Technology Corp.	tpd differs	SN74LV02ADRE4		S	SOIC	14
HD74LV02ATELL	Renesas Technology Corp.	TTP-14DV package	SN74LV02APWR		S	TSSOP	14
HD74LV04AFPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LV04ANSR		S	SOP-EIAJ-II	14
HD74LV04ARPPEL	Renesas Technology Corp.	FP-14DNN package	SN74LV04ADR		S	SOIC	14
HD74LV04ATELL	Renesas Technology Corp.	TTP-14DV package	SN74LV04APWR		S	TSSOP	14
HD74LV05AFP	Renesas Technology Corp.		SN74LV05ANSR		S	SOP-EIAJ-II	14
HD74LV05AFPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LV05ANSR		S	SOP-EIAJ-II	14
HD74LV05ARPPEL	Renesas Technology Corp.	FP-14DNN package	SN74LV05ADR		S	SOIC	14
HD74LV05ATELL	Renesas Technology Corp.	TTP-14DV package	SN74LV05APWR		S	TSSOP	14
HD74LV06AFP	Renesas Technology Corp.		SN74LV05ANSR		S	SOP-EIAJ-II	14
HD74LV06AFPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LV06ANSR		S	SOP-EIAJ-II	14
HD74LV06ARPPEL	Renesas Technology Corp.	FP-14DNN package	SN74LV06ADR		S	SOIC	14
HD74LV06ATELL	Renesas Technology Corp.	TTP-14DV package	SN74LV06APWR		S	TSSOP	14
HD74LV07AFPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LV07ANSR		S	SOP-EIAJ-II	14
HD74LV07ARPPEL	Renesas Technology Corp.	FP-14DNN package	SN74LV07ADR		S	SOIC	14
HD74LV07ATELL	Renesas Technology Corp.	TTP-14DV package	SN74LV07APWR		S	TSSOP	14
HD74LV08AFPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LV08ANSR		S	SOP-EIAJ-II	14
HD74LV08ARP	Hitachi America	tpd differs	SN74LV08AD		S	SOIC	14
HD74LV08ARP	Renesas Technology Corp.	tpd differs	SN74LV08AD		S	SOIC	14
HD74LV08ARP	Renesas Technology Corp.	tpd differs	SN74LV08ADE4		S	SOIC	14
HD74LV08ARPPEL	Renesas Technology Corp.	FP-14DNN package	SN74LV08ADR		S	SOIC	14
HD74LV08ARPPEL	Renesas Technology Corp.	tpd differs	SN74LV08ADRE4		S	SOIC	14
HD74LV08ATELL	Renesas Technology Corp.	TTP-14DV package	SN74LV08APWR		S	TSSOP	14
HD74LV10AFPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LV10ANSR		S	SOP-EIAJ-II	14
HD74LV10ARPPEL	Renesas Technology Corp.	FP-14DNN package	SN74LV10ADR		S	SOIC	14
HD74LV10ATELL	Renesas Technology Corp.	TTP-14DV package	SN74LV10APWR		S	TSSOP	14
HD74LV11AFPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LV11ANSR		S	SOP-EIAJ-II	14
HD74LV11ARPPEL	Renesas Technology Corp.	FP-14DNN package	SN74LV11ADR		S	SOIC	14
HD74LV11ATELL	Renesas Technology Corp.	TTP-14DV package	SN74LV11APWR		S	TSSOP	14
HD74LV123AFPPEL	Renesas Technology Corp.	FP-16DAV package	SN74LV123ANSR		S	SOP-EIAJ-II	16
HD74LV123ARPPEL	Renesas Technology Corp.	FP-16DNN package	SN74LV123ADR		S	SOIC	16
HD74LV123ATELL	Renesas Technology Corp.	TTP-16DAV package	SN74LV123APWR		S	TSSOP	16
HD74LV125AFPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LV125ANSR		S	SOP-EIAJ-II	14
HD74LV125ARPPEL	Renesas Technology Corp.	FP-14DNN package	SN74LV125ADR		S	SOIC	14
HD74LV125ATELL	Renesas Technology Corp.	TTP-14DV package	SN74LV125APWR		S	TSSOP	14
HD74LV126AFPPEL	Renesas Technology Corp.	FP-14DAV package	SN74LV126ANSR		S	SOP-EIAJ-II	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HD74LV126ARPEL	Renesas Technology Corp.	FP-14DNN package	SN74LV126ADR		S	SOIC	14
HD74LV126ATELL	Renesas Technology Corp.	TTP-14DV package	SN74LV126APWR		S	TSSOP	14
HD74LV132AFPEL	Renesas Technology Corp.	FP-14DAV package	SN74LV132ANSR		S	SOP-EIAJ-II	14
HD74LV132ARPEL	Renesas Technology Corp.	FP-14DNN package	SN74LV132ADR		S	SOIC	14
HD74LV132ATELL	Renesas Technology Corp.	TTP-14DV package	SN74LV132APWR		S	TSSOP	14
HD74LV138AFPEL	Renesas Technology Corp.	FP-16DAV package	SN74LV138ANSR		S	SOP-EIAJ-II	16
HD74LV138ATELL	Renesas Technology Corp.	TTP-16DAV package	SN74LV138APWR		S	TSSOP	16
HD74LV139AFPEL	Renesas Technology Corp.	FP-16DAV package	SN74LV139ANSR		S	SOP-EIAJ-II	16
HD74LV139ATELL	Renesas Technology Corp.	TTP-16DAV package	SN74LV139APWR		S	TSSOP	16
HD74LV14AFPEL	Renesas Technology Corp.	FP-14DAV package	SN74LV14ANSR		S	SOP-EIAJ-II	14
HD74LV14ARPEL	Renesas Technology Corp.	FP-14DNN package	SN74LV14ADR		S	SOIC	14
HD74LV14ATELL	Renesas Technology Corp.	TTP-14DV package	SN74LV14APWR		S	TSSOP	14
HD74LV157AFPEL	Renesas Technology Corp.	FP-16DAV package	SN74LV157ANSR		S	SOP-EIAJ-II	16
HD74LV157ARPEL	Renesas Technology Corp.	FP-16DNN package	SN74LV157ADR		S	SOIC	16
HD74LV157ATELL	Renesas Technology Corp.	TTP-16DAV package	SN74LV157APWR		S	TSSOP	16
HD74LV161AFP	Renesas Technology Corp.		SN74LV161ANSR		S	SOP-EIAJ-II	16
HD74LV161AFPEL	Renesas Technology Corp.	FP-16DAV package	SN74LV161ANSR		S	SOP-EIAJ-II	16
HD74LV161ARP	Renesas Technology Corp.		SN74LV161AD		S	SOIC	16
HD74LV161ARPEL	Renesas Technology Corp.	FP-16DNN package	SN74LV161ADR		S	SOIC	16
HD74LV161AT	Renesas Technology Corp.		SN74LV161APWR		S	TSSOP	16
HD74LV161ATELL	Renesas Technology Corp.	TTP-16DAV package	SN74LV161APWR		S	TSSOP	16
HD74LV163AFP	Renesas Technology Corp.		SN74LV163ANSR		S	SOP-EIAJ-II	16
HD74LV163AFPEL	Renesas Technology Corp.	FP-16DAV package	SN74LV163ANSR		S	SOP-EIAJ-II	16
HD74LV163ARP	Renesas Technology Corp.		SN74LV163AD		S	SOIC	16
HD74LV163ARPEL	Renesas Technology Corp.	FP-16DNN package	SN74LV163ADR		S	SOIC	16
HD74LV163AT	Renesas Technology Corp.		SN74LV163APWR		S	TSSOP	16
HD74LV163ATELL	Renesas Technology Corp.	TTP-16DAV package	SN74LV163APWR		S	TSSOP	16
HD74LV166AFP	Renesas Technology Corp.		SN74LV166ANSR		S	SOP-EIAJ-II	16
HD74LV166AFPEL	Renesas Technology Corp.	FP-16DAV package	SN74LV166ANSR		S	SOP-EIAJ-II	16
HD74LV166ARP	Renesas Technology Corp.		SN74LV166AD		S	SOIC	16
HD74LV166ARPEL	Renesas Technology Corp.	FP-16DNN package	SN74LV166ADR		S	SOIC	16
HD74LV166AT	Renesas Technology Corp.		SN74LV166APWR		S	TSSOP	16
HD74LV166ATELL	Renesas Technology Corp.	TTP-16DAV package	SN74LV166APWR		S	TSSOP	16
HD74LV20AFPEL	Renesas Technology Corp.	FP-14DAV package	SN74LV20ANSR		S	SOP-EIAJ-II	14
HD74LV20ARP	Hitachi America		SN74LV20AD		S	SOIC	14
HD74LV20ARPEL	Renesas Technology Corp.		SN74LV20AD		S	SOIC	14
HD74LV20ARPEL	Renesas Technology Corp.	FP-14DNN package	SN74LV20ADR		S	SOIC	14
HD74LV20ATELL	Renesas Technology Corp.	TTP-14DV package	SN74LV20APWR		S	TSSOP	14
HD74LV21AFP	Hitachi America		SN74LV21ANSR		S	SOP-EIAJ-II	14
HD74LV21AFP	Renesas Technology Corp.		SN74LV21ANSR		S	SOP-EIAJ-II	14
HD74LV21AFPEL	Renesas Technology Corp.	FP-14DAV package	SN74LV21ANSR		S	SOP-EIAJ-II	14
HD74LV21ARP	Hitachi America		SN74LV21AD		S	SOIC	14
HD74LV21ARP	Renesas Technology Corp.		SN74LV21AD		S	SOIC	14
HD74LV21ARP	Renesas Technology Corp.		SN74LV21ADE4		S	SOIC	14
HD74LV21ARPEL	Renesas Technology Corp.	FP-14DNN package	SN74LV21ADR		S	SOIC	14
HD74LV21ATELL	Renesas Technology Corp.	TTP-14DV package	SN74LV21APWR		S	TSSOP	14
HD74LV221AFPEL	Renesas Technology Corp.	FP-16DA package	SN74LV221ANSR		S	SOP-EIAJ-II	16
HD74LV221ARPEL	Renesas Technology Corp.	FP-16DNN package	SN74LV221ADR		S	SOIC	16
HD74LV221ATELL	Renesas Technology Corp.	TTP-16DAV package	SN74LV221APWR		S	TSSOP	16
HD74LV240AFPEL	Renesas Technology Corp.	FP-20DAV package	SN74LV240ANSR		S	SOP-EIAJ-II	20
HD74LV240ARPEL	Renesas Technology Corp.	FP-20DBV package	SN74LV240ADWR		S	SOIC	20
HD74LV240ATELL	Renesas Technology Corp.	TTP-20DAV package	SN74LV240APWR		S	TSSOP	20
HD74LV244AFPEL	Renesas Technology Corp.	FP-20DAV package	SN74LV244ANSR		S	SOP-EIAJ-II	20
HD74LV244ARPEL	Renesas Technology Corp.	FP-20DBV package	SN74LV244ADWR		S	SOIC	20
HD74LV244ATELL	Renesas Technology Corp.	TTP-20DAV package	SN74LV244APWR		S	TSSOP	20
HD74LV245AFPEL	Renesas Technology Corp.	FP-20DAV package	SN74LV245ANSR		S	SOP-EIAJ-II	20
HD74LV245ARPEL	Renesas Technology Corp.	FP-20DBV package	SN74LV245ADWR		S	SOIC	20
HD74LV245ATELL	Renesas Technology Corp.	TTP-20DAV package	SN74LV245APWR		S	TSSOP	20
HD74LV273AFPEL	Renesas Technology Corp.	FP-20DAV package	SN74LV273ANSR		S	SOP-EIAJ-II	20
HD74LV273ARPEL	Renesas Technology Corp.	FP-20DBV package	SN74LV273ADWR		S	SOIC	20
HD74LV273ATELL	Renesas Technology Corp.	TTP-20DAV package	SN74LV273APWR		S	TSSOP	20
HD74LV27AFPEL	Renesas Technology Corp.	FP-14DAV package	SN74LV27ANSR		S	SOP-EIAJ-II	14
HD74LV27ARP	Hitachi America		SN74LV27AD		S	SOIC	14

HD74LV126ARPEL — HD74LV27ARP

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HD74LV27ARP	Renesas Technology Corp.		SN74LV27AD		S	SOIC	14
HD74LV27ARP	Renesas Technology Corp.	tpd differs	SN74LV27ADE4		S	SOIC	14
HD74LV27ARPEL	Renesas Technology Corp.	FP-14DNV package	SN74LV27ADR		S	SOIC	14
HD74LV27ATELL	Renesas Technology Corp.	TTP-14DV package	SN74LV27APWR		S	TSSOP	14
HD74LV32AFPEL	Renesas Technology Corp.	FP-14DAV package	SN74LV32ANSR		S	SOP-EIAJ-II	14
HD74LV32ARPEL	Renesas Technology Corp.	FP-14DNV package	SN74LV32ADR		S	SOIC	14
HD74LV32ATELL	Renesas Technology Corp.	TTP-14DV package	SN74LV32APWR		S	TSSOP	14
HD74LV373AFPEL	Renesas Technology Corp.	FP-20DAV package	SN74LV373ANSR		S	SOP-EIAJ-II	20
HD74LV373ARPEL	Renesas Technology Corp.	FP-20DBV package	SN74LV373ADWR		S	SOIC	20
HD74LV373ATELL	Renesas Technology Corp.	TTP-20DAV package	SN74LV373APWR		S	TSSOP	20
HD74LV374AFPEL	Renesas Technology Corp.	FP-20DAV package	SN74LV374ANSR		S	SOP-EIAJ-II	20
HD74LV374ARPEL	Renesas Technology Corp.	FP-20DBV package	SN74LV374ADWR		S	SOIC	20
HD74LV374ATELL	Renesas Technology Corp.	TTP-20DAV package	SN74LV374APWR		S	TSSOP	20
HD74LV393AFP	Renesas Technology Corp.		SN74LV393ANSR		S	SOP-EIAJ-II	14
HD74LV393AFPEL	Renesas Technology Corp.	FP-14DAV package	SN74LV393ANSR		S	SOP-EIAJ-II	14
HD74LV393ARP	Renesas Technology Corp.		SN74LV393AD		S	SOIC	14
HD74LV393ARPEL	Renesas Technology Corp.	FP-14DNV package	SN74LV393ADR		S	SOIC	14
HD74LV393AT	Renesas Technology Corp.		SN74LV393APWR		S	TSSOP	14
HD74LV393ATELL	Renesas Technology Corp.	TTP-14DV package	SN74LV393APWR		S	TSSOP	14
HD74LV4040AFPEL	Renesas Technology Corp.	FP-16DAV package	SN74LV4040ANSR		S	SOP-EIAJ-II	16
HD74LV4040ARP	Renesas Technology Corp.		SN74LV4040AD		S	SOIC	16
HD74LV4040ARPEL	Renesas Technology Corp.	FP-16DNV package	SN74LV4040ADR		S	SOIC	16
HD74LV4040AT	Renesas Technology Corp.		SN74LV4040APWR		S	TSSOP	16
HD74LV4040ATELL	Renesas Technology Corp.	TTP-16DAV package	SN74LV4040APWR		S	TSSOP	16
HD74LV4051AFPEL	Renesas Technology Corp.	FP-16DAV package	SN74LV4051ANSR		S	SOP-EIAJ-II	16
HD74LV4051ARPEL	Renesas Technology Corp.	FP-16DNV package	SN74LV4051ADR		S	SOIC	16
HD74LV4051ATELL	Renesas Technology Corp.	TTP-16DAV package	SN74LV4051APWR		S	TSSOP	16
HD74LV4053AFPEL	Renesas Technology Corp.	FP-16DAV package	SN74LV4053ANSR		S	SOP-EIAJ-II	16
HD74LV4053ARPEL	Renesas Technology Corp.	FP-16DNV package	SN74LV4053ADR		S	SOIC	16
HD74LV4053ATELL	Renesas Technology Corp.	TTP-16DAV package	SN74LV4053APWR		S	TSSOP	16
HD74LV4066AFPEL	Renesas Technology Corp.	FP-14DAV package	SN74LV4066ANSR		S	SOP-EIAJ-II	14
HD74LV4066ARPEL	Renesas Technology Corp.	FP-14DNV package	SN74LV4066ADR		S	SOIC	14
HD74LV4066ATELL	Renesas Technology Corp.	TTP-14DV package	SN74LV4066APWR		S	TSSOP	14
HD74LV540AFPEL	Renesas Technology Corp.	FP-20DAV package	SN74LV540ANSR		S	SOP-EIAJ-II	20
HD74LV540ARPEL	Renesas Technology Corp.	FP-20DBV package	SN74LV540ADWR		S	SOIC	20
HD74LV540ATELL	Renesas Technology Corp.	TTP-20DAV package	SN74LV540APWR		S	TSSOP	20
HD74LV541AFPEL	Renesas Technology Corp.	FP-20DAV package	SN74LV541ANSR		S	SOP-EIAJ-II	20
HD74LV541ARPEL	Renesas Technology Corp.	FP-20DBV package	SN74LV541ADWR		S	SOIC	20
HD74LV541ATELL	Renesas Technology Corp.	TTP-20DAV package	SN74LV541APWR		S	TSSOP	20
HD74LV573AFPEL	Renesas Technology Corp.	FP-20DAV package	SN74LV573ANSR		S	SOP-EIAJ-II	20
HD74LV574AFPEL	Renesas Technology Corp.	FP-20DAV package	SN74LV573ANSR		S	SOP-EIAJ-II	20
HD74LV574ATELL	Renesas Technology Corp.	TTP-20DAV package	SN74LV573APWR		S	TSSOP	20
HD74LV595AFPEL	Renesas Technology Corp.	FP-16DAV package	SN74LV595ANSR		S	SOP-EIAJ-II	16
HD74LV595ARPEL	Renesas Technology Corp.	FP-16DNV package	SN74LV595ADR		S	SOIC	16
HD74LV595ATELL	Renesas Technology Corp.	TTP-16DAV package	SN74LV595APWR		S	TSSOP	16
HD74LV74AFPEL	Renesas Technology Corp.	FP-14DAV package	SN74LV74ANSR		S	SOP-EIAJ-II	14
HD74LV74ARPEL	Renesas Technology Corp.	FP-14DNV package	SN74LV74ADR		S	SOIC	14
HD74LV74ATELL	Renesas Technology Corp.	TTP-14DV package	SN74LV74APWR		S	TSSOP	14
HD74LV86AFP	Hitachi America		SN74LV86ANSR		S	SOP-EIAJ-II	14
HD74LV86AFP	Renesas Technology Corp.		SN74LV86ANSR		S	SOP-EIAJ-II	14
HD74LV86AFPEL	Renesas Technology Corp.	FP-14DAV package	SN74LV86ANSR		S	SOP-EIAJ-II	14
HD74LV86ARP	Hitachi America		SN74LV86AD		S	SOIC	14
HD74LV86ARP	Renesas Technology Corp.		SN74LV86AD		S	SOIC	14
HD74LV86ARPEL	Renesas Technology Corp.	FP-14DNV package	SN74LV86ADR		S	SOIC	14
HD74LV86AT	Hitachi America		SN74LV86APW		S	TSSOP	14
HD74LV86AT	Renesas Technology Corp.		SN74LV86APW		S	TSSOP	14
HD74LV86ATELL	Renesas Technology Corp.	TTP-14DV package	SN74LV86APWR		S	TSSOP	14
HD74LVC00FP	Hitachi America	tpd, Vs differ	SN74LVC00ANSR		S	SOP-EIAJ-II	14
HD74LVC00FP	Renesas Technology Corp.	tpd, Vs differ	SN74LVC00ANSR		S	SOP	14
HD74LVC00FPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC00ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	14
HD74LVC00RP	Hitachi America	tpd, Vs differ	SN74LVC00AD		S	SOIC	14
HD74LVC00RP	Renesas Technology Corp.	tpd, Vs differ	SN74LVC00AD		S	SOIC	14
HD74LVC00T	Hitachi America	tpd, Vs differ	SN74LVC00APW		S	TSSOP	14
HD74LVC00T	Renesas Technology Corp.	tpd, Vs differ	SN74LVC00APW		S	TSSOP	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HD74LVC00TELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC00APWR	Recommended Vcc to 3.6V	Q	TSSOP	14
HD74LVC02FP	Renesas Technology Corp.	tpd, Vs differ	SN74LVC02ANSR		S	SOP-EIAJ-II	14
HD74LVC02FPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC02ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	14
HD74LVC02RP	Renesas Technology Corp.	tpd, Vs differ	SN74LVC02AD		S	SOIC	14
HD74LVC02RP	Renesas Technology Corp.	tpd, Vs differ	SN74LVC02ADE4		S	SOIC	14
HD74LVC02TELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC02APWR	Recommended Vcc to 3.6V	Q	TSSOP	14
HD74LVC04FPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC04ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	14
HD74LVC04TELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC04APWR	Recommended Vcc to 3.6V	Q	TSSOP	14
HD74LVC08FPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC08ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	14
HD74LVC08RP	Hitachi America	tpd, Vs differ	SN74LVC08AD		S	SOIC	14
HD74LVC08RP	Renesas Technology Corp.	tpd, Vs differ	SN74LVC08AD		S	SOIC	14
HD74LVC08RP	Renesas Technology Corp.	tpd, Vs differ	SN74LVC08ADE4		S	SOIC	14
HD74LVC08TELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC08APWR	Recommended Vcc to 3.6V	Q	TSSOP	14
HD74LVC125AFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC125ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	14
HD74LVC125ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC125APWR	Recommended Vcc to 3.6V	Q	TSSOP	14
HD74LVC138FPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC138ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	16
HD74LVC138TELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC138APWR	Recommended Vcc to 3.6V	Q	TSSOP	16
HD74LVC139FPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC139ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	16
HD74LVC139TELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC139APWR	Recommended Vcc to 3.6V	Q	TSSOP	16
HD74LVC14FPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC14ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	14
HD74LVC14T	Hitachi America	tpd, Vs differ	SN74LVC14APW		S	TSSOP	14
HD74LVC14TELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC14APWR	Recommended Vcc to 3.6V	Q	TSSOP	14
HD74LVC16240ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVCH16240ADGGR	Recommended Vcc to 3.6V, bus-hold	Q	TSSOP	48
HD74LVC16244ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC16244ADGGR	Recommended Vcc to 3.6V	Q	TSSOP	48
HD74LVC16245ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC16245ADGGR	Recommended Vcc to 3.6V	Q	TSSOP	48
HD74LVC16373ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC16373ADGGR	Recommended Vcc to 3.6V	Q	TSSOP	48
HD74LVC16374ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC16374ADGGR	Recommended Vcc to 3.6V	Q	TSSOP	48
HD74LVC2244AFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC2244ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	20
HD74LVC2244ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC2244APWR	Recommended Vcc to 3.6V	Q	TSSOP	20
HD74LVC240AFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC240ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	20
HD74LVC240ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC240APWR	Recommended Vcc to 3.6V	Q	TSSOP	20
HD74LVC244AFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC244ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	20
HD74LVC244ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC244APWR	Recommended Vcc to 3.6V	Q	TSSOP	20
HD74LVC245AFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC245ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	20
HD74LVC245ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC245APWR	Recommended Vcc to 3.6V	Q	TSSOP	20
HD74LVC32FPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC32ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	14
HD74LVC32TELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC32APWR	Recommended Vcc to 3.6V	Q	TSSOP	14
HD74LVC373AFP	Renesas Technology Corp.		SN74LVC373ANSR		S	SOP	20
HD74LVC373AFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC373ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	20
HD74LVC373ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC373APWR	Recommended Vcc to 3.6V	Q	TSSOP	20
HD74LVC374AFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC374ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	20
HD74LVC374ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC374APWR	Recommended Vcc to 3.6V	Q	TSSOP	20
HD74LVC4245ATEL	Renesas Technology Corp.		SN74LVC4245APWR		S	TSSOP	24
HD74LVC4245ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC4245APWR	Recommended Vcc to 3.6V	Q	TSSOP	24
HD74LVC540AFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC540ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	20
HD74LVC540ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC540APWR	Recommended Vcc to 3.6V	Q	TSSOP	20
HD74LVC541AFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC541ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	20
HD74LVC541ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC541APWR	Recommended Vcc to 3.6V	Q	TSSOP	20
HD74LVC573AFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC573ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	20
HD74LVC573ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC573APWR	Recommended Vcc to 3.6V	Q	TSSOP	20
HD74LVC574AFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC574ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	20
HD74LVC574ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC574APWR	Recommended Vcc to 3.6V	Q	TSSOP	20
HD74LVC74FPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC74ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	14
HD74LVC74TELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC74APWR	Recommended Vcc to 3.6V	Q	TSSOP	14
HD74LVCC3245ATEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVCC3245APWR		S	TSSOP	24
HD74LVCC3245ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVCC3245APWR		S	TSSOP	24
HD74LVCC4245AT	Renesas Technology Corp.		SN74LVCC4245APWR		S	TSSOP	24
HD74LVCC4245ATEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVCC4245APWR		S	TSSOP	24
HD74LVCC4245ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVCC4245APWR		S	TSSOP	24
HD74LVCR2245AFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVCR2245ANSR	3.6 V Vcc	Q	SOP-EIAJ-II	20
HD74LVCR2245ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVCR2245APWR	3.6 V Vcc	Q	TSSOP	20
HD74LVCZ16240ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVCZ16240ADGGR	Recommended Vcc to 3.6V	Q	TSSOP	48
HD74LVCZ16244ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVCZ16244ADGGR	Recommended Vcc to 3.6V	Q	TSSOP	48
HD74LVCZ16245ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVCZ16245ADGGR	Recommended Vcc to 3.6V	Q	TSSOP	48

HD74LVC00TELL — HD74LVCZ16245ATELL

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HD74LVCZ240AFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVCZ240ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	20
HD74LVCZ240ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVCZ240APWR	Recommended Vcc to 3.6V	Q	TSSOP	20
HD74LVCZ244AFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVCZ244ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	20
HD74LVCZ244ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVCZ244APWR	Recommended Vcc to 3.6V	Q	TSSOP	20
HD74LVCZ245AFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVCZ245ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	20
HD74LVCZ245ATELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVCZ245APWR	Recommended Vcc to 3.6V	Q	TSSOP	20
HD74LVU04AFPEL	Renesas Technology Corp.	FP-14DAV package	SN74LVU04ANSR		S	SOP-EIAJ-II	14
HD74LVU04ARPEL	Renesas Technology Corp.	FP-14DNV package	SN74LVU04ADR		S	SOIC	14
HD74LVU04ATELL	Renesas Technology Corp.	TTP-14DV package	SN74LVU04APWR		S	TSSOP	14
HD75160AP	Renesas Technology Corp.		SN75160BN		S	PDIP	20
HD75161AP	Renesas Technology Corp.		SN75161BN		S	PDIP	20
HD75173P	Renesas Technology Corp.		SN75173N		S	PDIP	20
HEF4001BPN	NXP Semiconductor		CD4001BE		S	PDIP	14
HEF4001BTD	NXP Semiconductor		CD4001BM		S	SOIC	14
HEF4001BTD-T	NXP Semiconductor		CD4001BM96		S	SOIC	14
HEF4001UBPN	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	CD4001UBE		S	PDIP	14
HEF4001UBTD	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	CD4001UBM		S	SOIC	14
HEF4001UBTD-T	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	CD4001UBM96		S	SOIC	14
HEF4002BPN	NXP Semiconductor		CD4002BE		S	PDIP	14
HEF4002BTD	NXP Semiconductor		CD4002BM		S	SOIC	14
HEF4002BTD-T	NXP Semiconductor		CD4002BM96		S	SOIC	14
HEF4007UBPN	NXP Semiconductor		CD4007UBE		S	PDIP	14
HEF4007UBTD	NXP Semiconductor		CD4007UBM		S	SOIC	14
HEF4007UBTD-T	NXP Semiconductor		CD4007UBM96		S	SOIC	14
HEF40106BPN	NXP Semiconductor		CD40106BE		S	PDIP	14
HEF40106BTD	NXP Semiconductor		CD40106BM		S	SOIC	14
HEF40106BTD-T	NXP Semiconductor		CD40106BM96		S	SOIC	14
HEF4011BPN	NXP Semiconductor		CD4011BE		S	PDIP	14
HEF4011BTD	NXP Semiconductor		CD4011BM		S	SOIC	14
HEF4011BTD-T	NXP Semiconductor		CD4011BM96		S	SOIC	14
HEF4011UBPN	NXP Semiconductor		CD4011UBE		S	PDIP	14
HEF4011UBTD	NXP Semiconductor		CD4011UBM		S	SOIC	14
HEF4011UBTD-T	NXP Semiconductor		CD4011UBM96		S	SOIC	14
HEF4013BPN	NXP Semiconductor		CD4013BE		S	PDIP	14
HEF4013BT	NXP Semiconductor	tpd differs	CD4013BMT		S	SOIC	14
HEF4013BTD	NXP Semiconductor		CD4013BM		S	SOIC	14
HEF4013BTD-T	NXP Semiconductor		CD4013BM96		S	SOIC	14
HEF4014BPN	NXP Semiconductor		CD4014BE		S	PDIP	16
HEF4014BTD	NXP Semiconductor		CD4014BM		S	SOIC	16
HEF4014BTD-T	NXP Semiconductor		CD4014BM96		S	SOIC	16
HEF4015BPN	NXP Semiconductor		CD4015BE		S	PDIP	16
HEF4015BTD	NXP Semiconductor		CD4015BM		S	SOIC	16
HEF4015BTD-T	NXP Semiconductor		CD4015BM96		S	SOIC	16
HEF4016BPN	NXP Semiconductor		CD4016BE		S	PDIP	14
HEF4016BTD	NXP Semiconductor		CD4016BM		S	SOIC	14
HEF4016BTD-T	NXP Semiconductor		CD4016BM96		S	SOIC	14
HEF40174BPN	NXP Semiconductor		CD40174BE		S	PDIP	16
HEF40174BTD	NXP Semiconductor		CD40174BM		S	SOIC	16
HEF40174BTD-T	NXP Semiconductor		CD40174BM96		S	SOIC	16
HEF40174BTD-T	NXP Semiconductor	tpd differs	CD40174BMT		S	SOIC	16
HEF40175BPN	NXP Semiconductor		CD40175BE		S	PDIP	16
HEF40175BTD	NXP Semiconductor		CD40175BM		S	SOIC	16
HEF40175BTD-T	NXP Semiconductor		CD40175BM96		S	SOIC	16
HEF4017BPN	NXP Semiconductor		CD4017BE		S	PDIP	16
HEF4017BTD	NXP Semiconductor		CD4017BM		S	SOIC	16
HEF4017BTD-T	NXP Semiconductor		CD4017BM96		S	SOIC	16
HEF40193BPN	NXP Semiconductor		CD40193BE		S	PDIP	16
HEF4020BPN	NXP Semiconductor		CD4020BE		S	PDIP	16
HEF4021BPN	NXP Semiconductor		CD4021BE		S	PDIP	16
HEF4021BTD	NXP Semiconductor		CD4021BM		S	SOIC	16
HEF4021BTD-T	NXP Semiconductor		CD4021BM96		S	SOIC	16
HEF4023BPN	NXP Semiconductor		CD4023BE		S	PDIP	14
HEF4023BTD	NXP Semiconductor		CD4023BM		S	SOIC	14
HEF4023BTD-T	NXP Semiconductor		CD4023BM96		S	SOIC	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HEF4024BPN	NXP Semiconductor		CD4024BE		S	PDIP	14
HEF4024BTD	NXP Semiconductor		CD4024BM		S	SOIC	14
HEF4024BTD-T	NXP Semiconductor		CD4024BM96		S	SOIC	14
HEF4025BPN	NXP Semiconductor		CD4025BE		S	PDIP	14
HEF4025BTD	NXP Semiconductor		CD4025BM		S	SOIC	14
HEF4025BTD-T	NXP Semiconductor		CD4025BM96		S	SOIC	14
HEF4027BPN	NXP Semiconductor	Schmitt trigger Clock input	CD4027BE	No Schmitt trigger on Clock input	Q	PDIP	16
HEF4027BTD	NXP Semiconductor	Schmitt trigger Clock input	CD4027BM	No Schmitt trigger on Clock input	Q	SOIC	16
HEF4027BTD-T	NXP Semiconductor	Schmitt trigger Clock input	CD4027BM96	No Schmitt trigger on Clock input	Q	SOIC	16
HEF4027BTD-T	NXP Semiconductor	tpd differs	CD4027BMT		S	SOIC	16
HEF4028BPN	NXP Semiconductor		CD4028BE		S	PDIP	16
HEF4028BTD	NXP Semiconductor		CD4028BM		S	SOIC	16
HEF4028BTD-T	NXP Semiconductor		CD4028BM96		S	SOIC	16
HEF4029BPN	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	CD4029BE		S	PDIP	16
HEF4029BTD	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	CD4029BM		S	SOIC	16
HEF4029BTD-T	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	CD4029BM96		S	SOIC	16
HEF4030BPN	NXP Semiconductor		CD4030BE		S	PDIP	14
HEF4030BTD	NXP Semiconductor		CD4030BM		S	SOIC	14
HEF4030BTD-T	NXP Semiconductor		CD4030BM96		S	SOIC	14
HEF4040BPN	NXP Semiconductor		CD4040BE		S	PDIP	16
HEF4040BT	NXP Semiconductor		CD4040BM96		S	SOIC	16
HEF4040BTD	NXP Semiconductor		CD4040BM		S	SOIC	16
HEF4040BTD-T	NXP Semiconductor		CD4040BM96		S	SOIC	16
HEF4043BPN	NXP Semiconductor		CD4043BE		S	PDIP	16
HEF4043BTD	NXP Semiconductor		CD4043BD		S	SOIC	16
HEF4043BTD-T	NXP Semiconductor		CD4043BDR		S	SOIC	16
HEF4044BPN	NXP Semiconductor		CD4044BE		S	PDIP	16
HEF4044BT	NXP Semiconductor	tpd differs	CD4043BDR		S	SOIC	16
HEF4044BT	NXP Semiconductor	tpd differs	CD4044BDR		S	SOIC	16
HEF4044BTD	NXP Semiconductor		CD4044BD		S	SOIC	16
HEF4044BTD-T	NXP Semiconductor		CD4044BDR		S	SOIC	16
HEF4046BPN	NXP Semiconductor		CD4046BE		S	PDIP	16
HEF4047BPN	NXP Semiconductor		CD4047BE		S	PDIP	14
HEF4047BTD	NXP Semiconductor		CD4047BM		S	SOIC	14
HEF4047BTD-T	NXP Semiconductor		CD4047BM96		S	SOIC	14
HEF4050BPN	NXP Semiconductor		CD4050BE		S	PDIP	16
HEF4050BTD	NXP Semiconductor		CD4050BD		S	SOIC	16
HEF4050BTD-T	NXP Semiconductor		CD4050BDR		S	SOIC	16
HEF4051BPN	NXP Semiconductor		CD4051BE		S	PDIP	16
HEF4051BTD	NXP Semiconductor		CD4051BM		S	SOIC	16
HEF4051BTD-T	NXP Semiconductor		CD4051BM96		S	SOIC	16
HEF4052BP	NXP Semiconductor		CD4052BE		S		
HEF4052BPN	NXP Semiconductor		CD4052BE		S	PDIP	16
HEF4052BTD	NXP Semiconductor		CD4052BM		S	SOIC	16
HEF4052BTD-T	NXP Semiconductor		CD4052BM96		S	SOIC	16
HEF4053BPN	NXP Semiconductor		CD4053BE		S	PDIP	16
HEF4053BTD	NXP Semiconductor		CD4053BM		S	SOIC	16
HEF4053BTD-T	NXP Semiconductor		CD4053BM96		S	SOIC	16
HEF4060BPN	NXP Semiconductor		CD4060BE		S	PDIP	16
HEF4060BTD	NXP Semiconductor		CD4060BM		S	SOIC	16
HEF4060BTD-T	NXP Semiconductor		CD4060BM96		S	SOIC	16
HEF4066BPN	NXP Semiconductor		CD4066BE		S	PDIP	14
HEF4066BT	NXP Semiconductor		CD4066BM		S	SOIC	14
HEF4066BTD	NXP Semiconductor		CD4066BM		S	SOIC	14
HEF4066BTD-T	NXP Semiconductor		CD4066BM96		S	SOIC	14
HEF4067BPN	NXP Semiconductor		CD4067BE		S	PDIP	24
HEF4067BTD	NXP Semiconductor		CD4067BM		S	SOIC	24
HEF4067BTD-T	NXP Semiconductor		CD4067BM96		S	SOIC	24
HEF4068BPN	NXP Semiconductor		CD4068BE		S	PDIP	14
HEF4068BTD	NXP Semiconductor		CD4068BM		S	SOIC	14
HEF4068BTD-T	NXP Semiconductor		CD4068BM96		S	SOIC	14
HEF4069UBPN	NXP Semiconductor		CD4069UBE		S	PDIP	14
HEF4069UBTD	NXP Semiconductor		CD4069UBM		S	SOIC	14
HEF4069UBTD-T	NXP Semiconductor		CD4069UBM96		S	SOIC	14

HEF-4024BPN — HEF-4069UBTD-T

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HEF4070BPN	NXP Semiconductor		CD4070BE		S	PDIP	14
HEF4070BTD	NXP Semiconductor		CD4070BM		S	SOIC	14
HEF4070BTD-T	NXP Semiconductor		CD4070BM96		S	SOIC	14
HEF4071BPN	NXP Semiconductor		CD4071BE		S	PDIP	14
HEF4071BT	NXP Semiconductor		CD4071BM		S	SOIC	14
HEF4071BTD	NXP Semiconductor		CD4071BM		S	SOIC	14
HEF4071BTD-T	NXP Semiconductor		CD4071BM96		S	SOIC	14
HEF4072BPN	NXP Semiconductor		CD4072BE		S	PDIP	14
HEF4072BTD	NXP Semiconductor		CD4072BM		S	SOIC	14
HEF4072BTD-T	NXP Semiconductor		CD4072BM96		S	SOIC	14
HEF4073BPN	NXP Semiconductor		CD4073BE		S	PDIP	14
HEF4073BTD	NXP Semiconductor		CD4073BM		S	SOIC	14
HEF4073BTD-T	NXP Semiconductor		CD4073BM96		S	SOIC	14
HEF4075BPN	NXP Semiconductor		CD4075BE		S	PDIP	14
HEF4075BTD	NXP Semiconductor		CD4075BM		S	SOIC	14
HEF4075BTD-T	NXP Semiconductor		CD4075BM96		S	SOIC	14
HEF4076BPN	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	CD4076BE		S	PDIP	16
HEF4076BTD	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	CD4076BM		S	SOIC	16
HEF4076BTD-T	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	CD4076BM96		S	SOIC	16
HEF4077BPN	NXP Semiconductor		CD4077BE		S	PDIP	14
HEF4077BTD	NXP Semiconductor		CD4077BM		S	SOIC	14
HEF4077BTD-T	NXP Semiconductor		CD4077BM96		S	SOIC	14
HEF4078BPN	NXP Semiconductor	Discontinued 12/31/1999	CD4078BE		S	PDIP	14
HEF4078BTD	NXP Semiconductor	Discontinued 12/31/1999	CD4078BM		S	SOIC	14
HEF4078BTD-T	NXP Semiconductor	Discontinued 12/31/1999	CD4078BM96		S	SOIC	14
HEF4081BPN	NXP Semiconductor		CD4081BE		S	PDIP	14
HEF4081BTD	NXP Semiconductor		CD4081BM		S	SOIC	14
HEF4081BTD-T	NXP Semiconductor		CD4081BM96		S	SOIC	14
HEF4082BPN	NXP Semiconductor		CD4082BE		S	PDIP	14
HEF4082BTD	NXP Semiconductor		CD4082BM		S	SOIC	14
HEF4082BTD-T	NXP Semiconductor		CD4082BM96		S	SOIC	14
HEF4093BPN	NXP Semiconductor		CD4093BE		S	PDIP	14
HEF4093BTD	NXP Semiconductor		CD4093BM		S	SOIC	14
HEF4093BTD-T	NXP Semiconductor		CD4093BM96		S	SOIC	14
HEF4094BPN	NXP Semiconductor		CD4094BE		S	PDIP	16
HEF4502BPN	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	CD4502BE		S	PDIP	16
HEF4502BTD	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	CD4502BM		S	SOIC	16
HEF4502BTD-T	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	CD4502BM96		S	SOIC	16
HEF4511BPN	NXP Semiconductor		CD4511BE		S	PDIP	16
HEF4512BPN	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	CD4512BE		S	PDIP	16
HEF4512BTD	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	CD4512BM		S	SOIC	16
HEF4512BTD-T	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	CD4512BM96		S	SOIC	16
HEF4514BPN	NXP Semiconductor		CD4514BE		S	PDIP	24
HEF4514BTD	NXP Semiconductor		CD4514BM		S	SOIC	24
HEF4514BTD-T	NXP Semiconductor		CD4514BM96		S	SOIC	24
HEF4515BPN	NXP Semiconductor		CD4515BE		S	PDIP	24
HEF4515BTD	NXP Semiconductor		CD4515BM		S	SOIC	24
HEF4515BTD-T	NXP Semiconductor		CD4515BM96		S	SOIC	24
HEF4516BPN	NXP Semiconductor		CD4516BE		S	PDIP	16
HEF4517BPN	NXP Semiconductor		CD4517BE		S	PDIP	16
HEF4518BPN	NXP Semiconductor		CD4518BE		S	PDIP	16
HEF4518BTD	NXP Semiconductor		CD4518BM		S	SOIC	16
HEF4518BTD-T	NXP Semiconductor		CD4518BM96		S	SOIC	16
HEF4520BPN	NXP Semiconductor		CD4520BE		S	PDIP	16
HEF4520BTD	NXP Semiconductor		CD4520BM		S	SOIC	16
HEF4520BTD-T	NXP Semiconductor		CD4520BM96		S	SOIC	16
HEF4521BPN	NXP Semiconductor		CD4521BE		S	PDIP	16
HEF4521BTD	NXP Semiconductor		CD4521BM		S	SOIC	16
HEF4521BTD-T	NXP Semiconductor		CD4521BM96		S	SOIC	16
HEF4528BPN	NXP Semiconductor		CD4098BE	Can also use CD14538BE	S	PDIP	16
HEF4532BPN	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	CD4532BE		S	PDIP	16
HEF4532BTD	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	CD4532BM		S	SOIC	16
HEF4532BTD-T	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	CD4532BM96		S	SOIC	16
HEF4538BPN	NXP Semiconductor		CD14538BE		S	PDIP	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HEF4538BTD	NXP Semiconductor		CD14538BM		S	SOIC	16
HEF4538BTD-T	NXP Semiconductor		CD14538BM96		S	SOIC	16
HEF4541BPN	NXP Semiconductor		CD4541BE		S	PDIP	14
HEF4541BTD	NXP Semiconductor		CD4541BM		S	SOIC	14
HEF4541BTD-T	NXP Semiconductor		CD4541BM96		S	SOIC	14
HEF4543BPN	NXP Semiconductor		CD4543BE		S	PDIP	16
HEF4543BTD	NXP Semiconductor		CD4543BM		S	SOIC	16
HEF4543BTD-T	NXP Semiconductor		CD4543BM96		S	SOIC	16
HEF4555BPN	NXP Semiconductor		CD4555BE		S	PDIP	16
HEF4555BTD	NXP Semiconductor		CD4555BM		S	SOIC	16
HEF4555BTD-T	NXP Semiconductor		CD4555BM96		S	SOIC	16
HEF4556BPN	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	CD4556BE		S	PDIP	16
HEF4556BTD	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	CD4556BM		S	SOIC	16
HEF4556BTD-T	NXP Semiconductor	Discontinued DN-48A, 01/21/2003	CD4556BM96		S	SOIC	16
HEF4585BPN	NXP Semiconductor		CD4585BE		S	PDIP	16
HIN202CB	Intersil		MAX202CDW		S	SOIC	16
HIN202CBN	Intersil		MAX202CD		S	SOIC	16
HIN202CBN-T	Intersil		MAX202CDR		S	SOIC	16
HIN202CBNZ	Intersil	Pb-Free	MAX202CD		S	SOIC	16
HIN202CBNZ-T	Intersil	Pb-Free	MAX202CDR		S	SOIC	16
HIN202CB-T	Intersil		MAX202CDWR		S	SOIC	16
HIN202CBZ	Intersil	Pb-Free	MAX202CDW		S	SOIC	16
HIN202CBZ-T	Intersil	Pb-Free	MAX202CDWR		S	SOIC	16
HIN202IB	Intersil		MAX202IDW		S	SOIC	16
HIN202IBN	Intersil		MAX202ID		S	SOIC	16
HIN202IBN-T	Intersil		MAX202IDR		S	SOIC	16
HIN202IBNZ	Intersil	Pb-Free	MAX202ID		S	SOIC	16
HIN202IBNZ-T	Intersil	Pb-Free	MAX202IDR		S	SOIC	16
HIN202IB-T	Intersil		MAX202IDWR		S	SOIC	16
HIN202IBZ	Intersil	Pb-Free	MAX202IDW		S	SOIC	16
HIN202IBZ-T	Intersil	Pb-Free	MAX202IDWR		S	SOIC	16
HIN207CA	Intersil		MAX207CDB		S	SSOP	24
HIN207CA-T	Intersil		MAX207CDBR		S	SSOP	24
HIN207CB	Intersil		MAX207CDW		S	SOIC	24
HIN207CB-T	Intersil		MAX207CDWR		S	SOIC	24
HIN207IB	Intersil	Inactive (10/26/04)	MAX207IDW		S	SOIC	24
HIN207IB-T	Intersil	Inactive (10/26/04)	MAX207IDWR		S	SOIC	24
HIN211CA	Intersil	230 kbps	MAX211CDB	130 kbps	Q	SSOP	28
HIN211CA-T	Intersil	230 kbps	MAX211CDBR	130 kbps	Q	SSOP	28
HIN211CAZ	Intersil	Pb-Free, 230 kbps	MAX211CDB	130 kbps	Q	SSOP	28
HIN211CAZ-T	Intersil	Pb-Free, 230 kbps	MAX211CDBR	130 kbps	Q	SSOP	28
HIN211CB	Intersil	230 kbps	MAX211CDW	130 kbps	Q	SOIC	28
HIN211CB-T	Intersil	230 kbps	MAX211CDWR	130 kbps	Q	SOIC	28
HIN211CBZ	Intersil	Pb-Free, 230 kbps	MAX211CDW	130 kbps	Q	SOIC	28
HIN211CBZ-T	Intersil	Pb-Free, 230 kbps	MAX211CDWR	130 kbps	Q	SOIC	28
HIN211ECA	Intersil	IEC61000 ESD compliant, 230 kbps	MAX211CDB	Not IEC61000 ESD compliant, 130 kbps	Q	SSOP	28
HIN211ECA-T	Intersil	IEC61000 ESD compliant, 230 kbps	MAX211CDBR	Not IEC61000 ESD compliant, 130 kbps	Q	SSOP	28
HIN211ECAZ	Intersil	Pb-Free, IEC61000 ESD compliant, 230 kbps	MAX211CDB	Not IEC61000 ESD compliant, 130 kbps	Q	SSOP	28
HIN211ECAZ-T	Intersil	Pb-Free, IEC61000 ESD compliant, 230 kbps	MAX211CDBR	Not IEC61000 ESD compliant, 130 kbps	Q	SSOP	28
HIN211ECB	Intersil	IEC61000 ESD compliant, 230 kbps	MAX211CDW	Not IEC61000 ESD compliant, 130 kbps	Q	SOIC	28
HIN211ECBZ	Intersil	Pb-Free, IEC61000 ESD compliant, 230 kbps	MAX211CDW	Not IEC61000 ESD compliant, 130 kbps	Q	SOIC	28
HIN211ECBZ-T	Intersil	Pb-Free, IEC61000 ESD compliant, 230 kbps	MAX211CDWR	Not IEC61000 ESD compliant, 130 kbps	Q	SOIC	28
HIN211EIA	Intersil	IEC61000 ESD compliant, 230 kbps	MAX211IDB	Not IEC61000 ESD compliant, 130 kbps	Q	SSOP	28
HIN211EIA-T	Intersil	IEC61000 ESD compliant, 230 kbps	MAX211IDBR	Not IEC61000 ESD compliant, 130 kbps	Q	SSOP	28
HIN211EIAZ	Intersil	Pb-Free, IEC61000 ESD compliant, 230 kbps	MAX211IDB	Not IEC61000 ESD compliant, 130 kbps	Q	SSOP	28
HIN211EIAZ-T	Intersil	Pb-Free, IEC61000 ESD compliant, 230 kbps	MAX211IDBR	Not IEC61000 ESD compliant, 130 kbps	Q	SSOP	28
HIN211EIB	Intersil	IEC61000 ESD compliant, 230 kbps	MAX211IDW	Not IEC61000 ESD compliant, 130 kbps	Q	SOIC	28
HIN211EIBZ	Intersil	Pb-Free, IEC61000 ESD compliant, 230 kbps	MAX211IDWR	Not IEC61000 ESD compliant, 130 kbps	Q	SOIC	28
HIN211IA	Intersil	Unknown availability, 230 kbps	MAX211IDB	130 kbps	Q	SSOP	28
HIN211IA-T	Intersil	Unknown availability, 230 kbps	MAX211IDBR	130 kbps	Q	SSOP	28
HIN232ACB	Intersil	230 kbps	MAX202CDW	120 kbps	Q	SOIC	16
HIN232ACBN	Intersil	230 kbps	MAX202CD	120 kbps	Q	SOIC	16
HIN232ACBN-T	Intersil	230 kbps	MAX202CDR	120 kbps	Q	SOIC	16
HIN232ACBNZ	Intersil	Pb-Free, 230 kbps	MAX202CD	120 kbps	Q	SOIC	16

HEF4538BTD — HIN232ACBNZ

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
HIN232ACBNZ-T	Intersil	Pb-Free, 230 kbps	MAX202CDR	120 kbps	Q	SOIC	16
HIN232ACB-T	Intersil	230 kbps	MAX202CDWR	120 kbps	Q	SOIC	16
HIN232ACBZ	Intersil	Pb-Free, 230 kbps	MAX202CDW	120 kbps	Q	SOIC	16
HIN232CB	Intersil	Not IEC61000 ESD compliant	MAX232ECDW	IEC61000 ESD compliant	S	SOIC	16
HIN232CB-T	Intersil	Not IEC61000 ESD compliant	MAX232ECDWR	IEC61000 ESD compliant	S	SOIC	16
HIN232CBZ	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX232ECDW	IEC61000 ESD compliant	S	SOIC	16
HIN232CBZ-T	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX232ECDWR	IEC61000 ESD compliant	S	SOIC	16
HIN232CP	Intersil	Not IEC61000 ESD compliant	MAX232ECN	IEC61000 ESD compliant	S	PDIP	16
HIN232CPZ	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX232ECN	IEC61000 ESD compliant	S	PDIP	16
HIN232ECB	Intersil		MAX232ECDW		S	SOIC	16
HIN232ECBN	Intersil		MAX232ECD		S	SOIC	16
HIN232ECBN-T	Intersil		MAX232ECCR		S	SOIC	16
HIN232ECBNZ	Intersil	PB-Free	MAX232ECD		S	SOIC	16
HIN232ECBNZ-T	Intersil	PB-Free	MAX232ECCR		S	SOIC	16
HIN232ECB-T	Intersil		MAX232ECDWR		S	SOIC	16
HIN232ECBZ	Intersil	PB-Free	MAX232ECDW		S	SOIC	16
HIN232ECBZ-T	Intersil	PB-Free	MAX232ECDWR		S	SOIC	16
HIN232ECP	Intersil		MAX232ECN		S	PDIP	16
HIN232ECPZ	Intersil	PB-Free	MAX232ECN		S	PDIP	16
HIN232EIBN	Intersil		MAX232EID		S	SOIC	16
HIN232EIBN-T	Intersil		MAX232EIDR		S	SOIC	16
HIN232EIBNZ	Intersil	PB-Free	MAX232EID		S	SOIC	16
HIN232EIBNZ-T	Intersil	PB-Free	MAX232EIDR		S	SOIC	16
HIN232EIV	Intersil		MAX232EIPW		S	TSSOP	16
HIN232EIV-T	Intersil		MAX232EIPWR		S	TSSOP	16
HIN232EIVZ	Intersil	PB-Free	MAX232EIPW		S	TSSOP	16
HIN232EIVZ-T	Intersil	PB-Free	MAX232EIPWR		S	TSSOP	16
HIN232IB	Intersil	Not IEC61000 ESD compliant	MAX232EIDW	IEC61000 ESD compliant	S	SOIC	16
HIN232IB-T	Intersil	Not IEC61000 ESD compliant	MAX232EIDWR	IEC61000 ESD compliant	S	SOIC	16
HIN232IBZ	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX232EIDW	IEC61000 ESD compliant	S	SOIC	16
HIN232IBZ-T	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX232EIDWR	IEC61000 ESD compliant	S	SOIC	16
HIN232IP	Intersil	Not IEC61000 ESD compliant	MAX232EIN	IEC61000 ESD compliant	S	PDIP	16
HIN232IPZ	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX232EIN	IEC61000 ESD compliant	S	PDIP	16
HS1-26C31RH-8	Intersil		AM26C31MJB		S	CDIP	
HS1-26C32RH-8	Intersil		AM26C32MJB		S	CDIP	
HS1-26C32RH-8	Intersil		AM26LS32AMJB		S	CDIP	
HS1-26C32RH-Q	Intersil		AM26C32MJB		S	CDIP	
HS1-26C32RH-Q	Intersil		AM26LS32AMJB		S	CDIP	
HS1-26C32RH-T	Intersil		AM26C32MJB		S	CDIP	
HS1-26C32RH-T	Intersil		AM26LS32AMJB		S	CDIP	
I74F00D	NXP Semiconductor		SN74F00D		S	SOIC	14
I74F00D	NXP Semiconductor		SN74F00DE4		S	SOIC	14
I74F00D-T	NXP Semiconductor		SN74F00DR		S	SOIC	14
I74F00D-T	NXP Semiconductor		SN74F00DRE4		S	SOIC	14
I74F00N	NXP Semiconductor		SN74F00N		S	PDIP	14
I74F02D	NXP Semiconductor		SN74F02D		S	SOIC	14
I74F02D-T	NXP Semiconductor		SN74F02DR		S	SOIC	14
I74F02N	NXP Semiconductor		SN74F02N		S	PDIP	14
I74F04D	NXP Semiconductor		SN74F04D		S	SOIC	14
I74F04D-T	NXP Semiconductor		SN74F04DR		S	SOIC	14
I74F04N	NXP Semiconductor		SN74F04N		S	PDIP	14
I74F08D	NXP Semiconductor		SN74F08D		S	SOIC	14
I74F08D-T	NXP Semiconductor		SN74F08DR		S	SOIC	14
I74F08N	NXP Semiconductor		SN74F08N		S	PDIP	14
I74F109D	NXP Semiconductor		SN74F109D		S	SOIC	16
I74F109D	NXP Semiconductor		SN74F109DE4		S	SOIC	16
I74F109D-T	NXP Semiconductor		SN74F109DR		S	SOIC	16
I74F109D-T	NXP Semiconductor		SN74F109DRE4		S	SOIC	16
I74F109N	NXP Semiconductor		SN74F109N		S	PDIP	16
I74F112D	NXP Semiconductor		SN74F112D		S	SOIC	16
I74F112D	NXP Semiconductor		SN74F112DE4		S	SOIC	16
I74F112D-T	NXP Semiconductor		SN74F112DR		S	SOIC	16
I74F112D-T	NXP Semiconductor		SN74F112DRE4		S	SOIC	16
I74F112N	NXP Semiconductor		SN74F112N		S	PDIP	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
I74F138D	NXP Semiconductor		SN74F138D		S	SOIC	16
I74F138D-T	NXP Semiconductor		SN74F138DR		S	SOIC	16
I74F138N	NXP Semiconductor		SN74F138N		S	PDIP	16
I74F157AD	NXP Semiconductor		SN74F157AD		S	SOIC	16
I74F157AD-T	NXP Semiconductor		SN74F157ADR		S	SOIC	16
I74F157AN	NXP Semiconductor		SN74F157AN		S	PDIP	16
I74F161AD	NXP Semiconductor		SN74F161AD		S	SOIC	16
I74F161AD-T	NXP Semiconductor		SN74F161ADR		S	SOIC	16
I74F161AN	NXP Semiconductor		SN74F161AN		S	PDIP	16
I74F163AD	NXP Semiconductor		SN74F163AD		S	SOIC	16
I74F163AD-T	NXP Semiconductor		SN74F163ADR		S	SOIC	16
I74F163AN	NXP Semiconductor		SN74F163AN		S	PDIP	16
I74F175AD	NXP Semiconductor		SN74F175D		S	SOIC	16
I74F175AD-T	NXP Semiconductor		SN74F175DR		S	SOIC	16
I74F175AN	NXP Semiconductor		SN74F175N		S	PDIP	16
I74F244D	NXP Semiconductor		SN74F244DW		S	SOIC	20
I74F244D-T	NXP Semiconductor		SN74F244DWR		S	SOIC	20
I74F244N	NXP Semiconductor		SN74F244N		S	PDIP	20
I74F257AD	NXP Semiconductor		SN74F257D		S	SOIC	16
I74F257AD-T	NXP Semiconductor		SN74F257DR		S	SOIC	16
I74F257AN	NXP Semiconductor		SN74F257N		S	PDIP	16
I74F27D	NXP Semiconductor		SN74F27D		S	SOIC	14
I74F27D-T	NXP Semiconductor		SN74F27DR		S	SOIC	14
I74F27D-T	NXP Semiconductor		SN74F27DRE4		S	SOIC	14
I74F27N	NXP Semiconductor		SN74F27N		S	PDIP	14
I74F280BD	NXP Semiconductor		SN74F280BD		S	SOIC	14
I74F280BD-T	NXP Semiconductor		SN74F280BDR		S	SOIC	14
I74F280BN	NXP Semiconductor		SN74F280BN		S	PDIP	14
I74F32D	NXP Semiconductor		SN74F32D		S	SOIC	14
I74F32D-T	NXP Semiconductor		SN74F32DR		S	SOIC	14
I74F32N	NXP Semiconductor		SN74F32N		S	PDIP	14
I74F38D	NXP Semiconductor		SN74F38D		S	SOIC	14
I74F38D	NXP Semiconductor		SN74F38DG4		S	SOIC	14
I74F38D-T	NXP Semiconductor		SN74F38DR		S	SOIC	14
I74F38D-T	NXP Semiconductor		SN74F38DRG4		S	SOIC	14
I74F38N	NXP Semiconductor		SN74F38N		S	PDIP	14
I74F657D	NXP Semiconductor		SN74F657DW		S	SOIC	24
I74F657D-T	NXP Semiconductor		SN74F657DWR		S	SOIC	24
I74F657N	NXP Semiconductor		SN74F657NT		S	PDIP	24
I74F74D	NXP Semiconductor		SN74F74D		S	SOIC	14
I74F74D-T	NXP Semiconductor		SN74F74DR		S	SOIC	14
I74F74N	NXP Semiconductor		SN74F74N		S	PDIP	14
I74F86D	NXP Semiconductor		SN74F86D		S	SOIC	14
I74F86D-T	NXP Semiconductor		SN74F86DR		S	SOIC	14
I74F86N	NXP Semiconductor		SN74F86N		S	PDIP	14
ICL232CBE	Intersil	Not IEC61000 ESD compliant	MAX232ECDW	IEC61000 ESD compliant	S	SOIC	16
ICL232CBET	Intersil	Not IEC61000 ESD compliant	MAX232ECDWR	IEC61000 ESD compliant	S	SOIC	16
ICL232CBEZ	Intersil	Not IEC61000 ESD compliant	MAX232ECDW	IEC61000 ESD compliant	S	SOIC	16
ICL232CBEZT	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX232ECDWR	IEC61000 ESD compliant	S	SOIC	16
ICL232CPE	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX232ECN	IEC61000 ESD compliant	S	PDIP	16
ICL232IBE	Intersil	Not IEC61000 ESD compliant	MAX232EIDW	IEC61000 ESD compliant	S	SOIC	16
ICL232IBET	Intersil	Not IEC61000 ESD compliant	MAX232EIDWR	IEC61000 ESD compliant	S	SOIC	16
ICL232IPE	Intersil	Not IEC61000 ESD compliant	MAX232EIN	IEC61000 ESD compliant	S	PDIP	16
ICL232MJE	Intersil	Not IEC61000 ESD compliant	MAX232EIN	IEC61000 ESD compliant, PDIP Not CDIP, 1 Temp range	S	CDIP	16
ICL3221CA	Intersil	250 kbps	SN75C3221EDB	1 Mbps, IEC61000 ESD compliant	S	SSOP	16
ICL3221CA-T	Intersil	250 kbps	SN75C3221EDBR	1 Mbps, IEC61000 ESD compliant	S	SSOP	16
ICL3221CAZ	Intersil	Pb-Free, 250 kbps	SN75C3221EDB	1 Mbps, IEC61000 ESD compliant	S	SSOP	16
ICL3221CAZ-T	Intersil	Pb-Free, 250 kbps	SN75C3221EDBR	1 Mbps, IEC61000 ESD compliant	S	SSOP	16
ICL3221CV	Intersil	250 kbps	SN65C3221EPW	1 Mbps, IEC61000 ESD compliant	S	TSSOP	16
ICL3221CV	Intersil	250 kbps	SN75C3221EPW	1 Mbps, IEC61000 ESD compliant	S	TSSOP	16
ICL3221CV-T	Intersil	250 kbps	SN65C3221EPWR	1 Mbps, IEC61000 ESD compliant	S	TSSOP	16
ICL3221CV-T	Intersil	250 kbps	SN75C3221EPWR	1 Mbps, IEC61000 ESD compliant	S	TSSOP	16
ICL3221CVZ	Intersil	Pb-Free, 250 kbps	SN75C3221EPW	1 Mbps, IEC61000 ESD compliant	S	TSSOP	16

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
ICL3221CVZ-T	Intersil	Pb-Free, 250 kbps	SN65C3221EPWR	1 Mbps, IEC61000 ESD compliant	S	TSSOP	16
ICL3221ECA	Intersil	250 kbps	SN75C3221EDB	1 Mbps	S	SSOP	16
ICL3221ECA-T	Intersil	250 kbps	SN75C3221EDBR	1 Mbps	S	SSOP	16
ICL3221ECAZ	Intersil	Pb-Free, 250 kbps	SN75C3221EDB	1 Mbps	S	SSOP	16
ICL3221ECAZA	Intersil	Pb-Free, 250 kbps	SN75C3221EDB	1 Mbps	S	SSOP	16
ICL3221ECAZA-T	Intersil	Pb-Free, 250 kbps	SN75C3221EDBR	1 Mbps	S	SSOP	16
ICL3221ECAZ-T	Intersil	Pb-Free, 250 kbps	SN75C3221EDBR	1 Mbps	S	SSOP	16
ICL3221ECV	Intersil	250 kbps	SN75C3221EPW	1 Mbps	S	TSSOP	16
ICL3221ECV-T	Intersil	250 kbps	SN75C3221EPWR	1 Mbps	S	TSSOP	16
ICL3221ECVZ	Intersil	Pb-Free, 250 kbps	SN75C3221EPW	1 Mbps	S	TSSOP	16
ICL3221ECVZ-T	Intersil	Pb-Free, 250 kbps	SN75C3221EPWR	1 Mbps	S	TSSOP	16
ICL3221EIA	Intersil	250 kbps	SN65C3221EDB	1 Mbps	S	SSOP	16
ICL3221EIA-T	Intersil	250 kbps	SN65C3221EDBR	1 Mbps	S	SSOP	16
ICL3221EIAZ	Intersil	Pb-Free, 250 kbps	SN65C3221EDB	1 Mbps	S	SSOP	16
ICL3221EIAZ-T	Intersil	Pb-Free, 250 kbps	SN65C3221EDBR	1 Mbps	S	SSOP	16
ICL3221EIV	Intersil	250 kbps	SN65C3221EPW	1 Mbps	S	TSSOP	16
ICL3221EIV-T	Intersil	250 kbps	SN65C3221EPWR	1 Mbps	S	TSSOP	16
ICL3221EIVZ	Intersil	Pb-Free, 250 kbps	SN65C3221EPW	1 Mbps	S	TSSOP	16
ICL3221EIVZ-T	Intersil	Pb-Free, 250 kbps	SN65C3221EPWR	1 Mbps	S	TSSOP	16
ICL3221IA	Intersil	250 kbps	SN65C3221EDB	1 Mbps, IEC61000 ESD compliant	S	SSOP	16
ICL3221IA-T	Intersil	250 kbps	SN65C3221EDBR	1 Mbps, IEC61000 ESD compliant	S	SSOP	16
ICL3221IAZ	Intersil	Pb-Free, 250 kbps	SN65C3221EDB	1 Mbps, IEC61000 ESD compliant	S	SSOP	16
ICL3221IAZ-T	Intersil	Pb-Free, 250 kbps	SN65C3221EDBR	1 Mbps, IEC61000 ESD compliant	S	SSOP	16
ICL3221IV	Intersil	Inactive (1/5/05), 250 kbps	SN65C3221EPW	1 Mbps, IEC61000 ESD compliant	S	TSSOP	16
ICL3221IV-T	Intersil	Inactive (1/5/05), 250 kbps	SN65C3221EPWR	1 Mbps, IEC61000 ESD compliant	S	TSSOP	16
ICL3222CA	Intersil		MAX3222ECDB	IEC61000 ESD compliant	S	SSOP	20
ICL3222CA-T	Intersil		MAX3222ECDBR	IEC61000 ESD compliant	S	SSOP	20
ICL3222CAZ	Intersil	Pb-Free	MAX3222ECDB	IEC61000 ESD compliant	S	SSOP	20
ICL3222CAZ-T	Intersil	Pb-Free	MAX3222ECDBR	IEC61000 ESD compliant	S	SSOP	20
ICL3222CB	Intersil		MAX3222ECDW	IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
ICL3222CB-T	Intersil		MAX3222ECDWR	IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
ICL3222CBZ	Intersil	Pb-Free	MAX3222ECDW	IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
ICL3222CBZ-T	Intersil	Pb-Free	MAX3222ECDWR	IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
ICL3222CV	Intersil		MAX3222ECPW		S	TSSOP	20
ICL3222CV-T	Intersil		MAX3222ECPWR		S	TSSOP	20
ICL3222CVZ	Intersil	Pb-Free	MAX3222ECPW		S	TSSOP	20
ICL3222CVZ-T	Intersil	Pb-Free	MAX3222ECPWR		S	TSSOP	20
ICL3222IA	Intersil		MAX3222EIDB	IEC61000 ESD compliant	S	SSOP	20
ICL3222IA-T	Intersil		MAX3222EIDBR	IEC61000 ESD compliant	S	SSOP	20
ICL3222IAZ	Intersil	Pb-Free	MAX3222EIDB	IEC61000 ESD compliant	S	SSOP	20
ICL3222IAZ-T	Intersil	Pb-Free	MAX3222EIDBR	IEC61000 ESD compliant	S	SSOP	20
ICL3222IB	Intersil		MAX3222EIDW	IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
ICL3222IB-T	Intersil		MAX3222EIDWR	IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
ICL3222IBZ	Intersil	Pb-Free	MAX3222EIDW	IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
ICL3222IBZ-T	Intersil	Pb-Free	MAX3222EIDWR	IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
ICL3222IV	Intersil		MAX3222EIPW		S	TSSOP	20
ICL3222IV-T	Intersil		MAX3222EIPWR		S	TSSOP	20
ICL3222IVZ	Intersil	Pb-Free	MAX3222EIPW		S	TSSOP	20
ICL3222IVZ-T	Intersil	Pb-Free	MAX3222EIPWR		S	TSSOP	20
ICL3223CA	Intersil	Not IEC61000 ESD compliant	MAX3223ECDB	IEC61000 ESD compliant	S	SSOP	20
ICL3223CA-T	Intersil	Not IEC61000 ESD compliant	MAX3223ECDBR	IEC61000 ESD compliant	S	SSOP	20
ICL3223CAZ	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3223ECDB	IEC61000 ESD compliant	S	SSOP	20
ICL3223CAZ-T	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3223ECDBR	IEC61000 ESD compliant	S	SSOP	20
ICL3223CV	Intersil	Not IEC61000 ESD compliant	MAX3223ECPW	IEC61000 ESD compliant	S	TSSOP	20
ICL3223CV-T	Intersil	Not IEC61000 ESD compliant	MAX3223ECPWR	IEC61000 ESD compliant	S	TSSOP	20
ICL3223CVZ	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3223ECPW	IEC61000 ESD compliant	S	TSSOP	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
ICL3223CVZ-T	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3223ECPWR	IEC61000 ESD compliant	S	TSSOP	20
ICL3223ECA	Intersil		MAX3223ECDB		S	SSOP	20
ICL3223ECA-T	Intersil		MAX3223ECDBR		S	SSOP	20
ICL3223ECAZ	Intersil	Pb-Free	MAX3223ECDB		S	SSOP	20
ICL3223ECAZ-T	Intersil	Pb-Free	MAX3223ECDBR		S	SSOP	20
ICL3223ECV	Intersil		MAX3223ECPW		S	TSSOP	20
ICL3223ECV-T	Intersil		MAX3223ECPWR		S	TSSOP	20
ICL3223ECVZ	Intersil	Pb-Free	MAX3223ECPW		S	TSSOP	20
ICL3223ECVZ-T	Intersil	Pb-Free	MAX3223ECPWR		S	TSSOP	20
ICL3223EIA	Intersil		MAX3223EIDB		S	SSOP	20
ICL3223EIA-T	Intersil		MAX3223EIDBR		S	SSOP	20
ICL3223EIAZ	Intersil	Pb-Free	MAX3223EIDB		S	SSOP	20
ICL3223EIAZ-T	Intersil	Pb-Free	MAX3223EIDBR		S	SSOP	20
ICL3223EIV	Intersil		MAX3223EIPW		S	TSSOP	20
ICL3223EIV-T	Intersil		MAX3223EIPWR		S	TSSOP	20
ICL3223EIVZ	Intersil	Pb-Free	MAX3223EIPW		S	TSSOP	20
ICL3223EIVZ-T	Intersil	Pb-Free	MAX3223EIPWR		S	TSSOP	20
ICL3223IA	Intersil	Not IEC61000 ESD compliant	MAX3223EIDB	IEC61000 ESD compliant	S	SSOP	20
ICL3223IA-T	Intersil	Not IEC61000 ESD compliant	MAX3223EIDBR	IEC61000 ESD compliant	S	SSOP	20
ICL3223IAZ	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3223EIDB	IEC61000 ESD compliant	S	SSOP	20
ICL3223IAZ-T	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3223EIDBR	IEC61000 ESD compliant	S	SSOP	20
ICL3223IV	Intersil	Not IEC61000 ESD compliant	MAX3223EIPW	IEC61000 ESD compliant	S	TSSOP	20
ICL3223IV-T	Intersil	Not IEC61000 ESD compliant	MAX3223EIPWR	IEC61000 ESD compliant	S	TSSOP	20
ICL3223IVZ	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3223EIPW	IEC61000 ESD compliant	S	TSSOP	20
ICL3223IVZ-T	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3223EIPWR	IEC61000 ESD compliant	S	TSSOP	20
ICL3232CA	Intersil	Not IEC61000 ESD compliant	MAX3232ECDB	IEC61000 ESD compliant	S	SSOP	16
ICL3232CA-T	Intersil	Not IEC61000 ESD compliant	MAX3232ECDBR	IEC61000 ESD compliant	S	SSOP	16
ICL3232CAZ	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3232ECDB	IEC61000 ESD compliant	S	SSOP	16
ICL3232CAZ-T	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3232ECDBR	IEC61000 ESD compliant	S	SSOP	16
ICL3232CB	Intersil	Not IEC61000 ESD compliant	MAX3232ECDW	IEC61000 ESD compliant	S	SOIC	16
ICL3232CBN	Intersil	Not IEC61000 ESD compliant	MAX3232ECD	IEC61000 ESD compliant	S	SOIC	16
ICL3232CBN-T	Intersil	Not IEC61000 ESD compliant	MAX3232ECDR	IEC61000 ESD compliant	S	SOIC	16
ICL3232CBNZ	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3232ECD	IEC61000 ESD compliant	S	SOIC	16
ICL3232CBNZ-T	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3232ECDR	IEC61000 ESD compliant	S	SOIC	16
ICL3232CB-T	Intersil	Not IEC61000 ESD compliant	MAX3232ECDWR	IEC61000 ESD compliant	S	SOIC	16
ICL3232CBZ	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3232ECDW	IEC61000 ESD compliant	S	SOIC	16
ICL3232CBZ-T	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3232ECDWR	IEC61000 ESD compliant	S	SOIC	16
ICL3232CV	Intersil	Not IEC61000 ESD compliant	MAX3232ECPW	IEC61000 ESD compliant	S	TSSOP	16
ICL3232CV-T	Intersil	Not IEC61000 ESD compliant	MAX3232ECPWR	IEC61000 ESD compliant	S	TSSOP	16
ICL3232CVZ	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3232ECPW	IEC61000 ESD compliant	S	TSSOP	16
ICL3232CVZ-T	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3232ECPWR	IEC61000 ESD compliant	S	TSSOP	16
ICL3232ECA	Intersil		MAX3232ECDB		S	SSOP	16
ICL3232ECA-T	Intersil		MAX3232ECDBR		S	SSOP	16
ICL3232ECAZ	Intersil	Pb-Free	MAX3232ECDB		S	SSOP	16
ICL3232ECAZ-T	Intersil	Pb-Free	MAX3232ECDBR		S	SSOP	16
ICL3232ECB	Intersil		MAX3232ECDW		S	SOIC	16
ICL3232ECBN	Intersil		MAX3232ECD		S	SOIC	16
ICL3232ECBN-T	Intersil		MAX3232ECDR		S	SOIC	16
ICL3232ECBNZ	Intersil	Pb-Free	MAX3232ECD		S	SOIC	16
ICL3232ECBNZ-T	Intersil	Pb-Free	MAX3232ECDR		S	SOIC	16
ICL3232ECB-T	Intersil		MAX3232ECDWR		S	SOIC	16
ICL3232ECBZ	Intersil	Pb-Free	MAX3232ECDW		S	SOIC	16
ICL3232ECBZ-T	Intersil	Pb-Free	MAX3232ECDWR		S	SOIC	16
ICL3232ECV-16	Intersil		MAX3232ECPW		S	TSSOP	16
ICL3232ECV-16T	Intersil		MAX3232ECPWR		S	TSSOP	16
ICL3232ECV-16Z	Intersil	Pb-Free	MAX3232ECPW		S	TSSOP	16
ICL3232ECV-16Z-T	Intersil	Pb-Free	MAX3232ECPWR		S	TSSOP	16
ICL3232EIA	Intersil		MAX3232EIDB		S	SSOP	16
ICL3232EIA-T	Intersil		MAX3232EIDBR		S	SSOP	16
ICL3232EIAZ	Intersil	Pb-Free	MAX3232EIDB		S	SSOP	16
ICL3232EIAZ-T	Intersil	Pb-Free	MAX3232EIDBR		S	SSOP	16
ICL3232EIB	Intersil		MAX3232EIDW		S	SOIC	16
ICL3232EIBNZ	Intersil	Pb-Free	MAX3232EID		S	SOIC	16
ICL3232EIBNZ-T	Intersil	Pb-Free	MAX3232EIDR		S	SOIC	16

ICL3223CVZ-T — ICL3223EIBNZ-T

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
ICL3232EIB-T	Intersil		MAX3232EIDWR		S	SOIC	16
ICL3232EIBZ	Intersil	Pb-Free	MAX3232EIDW		S	SOIC	16
ICL3232EIBZ-T	Intersil	Pb-Free	MAX3232EIDWR		S	SOIC	16
ICL3232EIV-16	Intersil		MAX3232EIPW		S	TSSOP	16
ICL3232EIV-16T	Intersil		MAX3232EIPWR		S	TSSOP	16
ICL3232EIV-16Z	Intersil	Pb-Free	MAX3232EIPW		S	TSSOP	16
ICL3232EIV-16Z-T	Intersil	Pb-Free	MAX3232EIPWR		S	TSSOP	16
ICL3232IA	Intersil	Not IEC61000 ESD compliant	MAX3232EIDB	IEC61000 ESD compliant	S	SSOP	16
ICL3232IA-T	Intersil	Not IEC61000 ESD compliant	MAX3232EIDBR	IEC61000 ESD compliant	S	SSOP	16
ICL3232IAZ	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3232EIDB	IEC61000 ESD compliant	S	SSOP	16
ICL3232IAZ-T	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3232EIDBR	IEC61000 ESD compliant	S	SSOP	16
ICL3232IB	Intersil	Not IEC61000 ESD compliant	MAX3232EIDW	IEC61000 ESD compliant	S	SOIC	16
ICL3232IBN	Intersil	Not IEC61000 ESD compliant	MAX3232EID	IEC61000 ESD compliant	S	SOIC	16
ICL3232IBN-T	Intersil	Not IEC61000 ESD compliant	MAX3232EIDR	IEC61000 ESD compliant	S	SOIC	16
ICL3232IBNZ	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3232EID	IEC61000 ESD compliant	S	SOIC	16
ICL3232IBNZ-T	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3232EIDR	IEC61000 ESD compliant	S	SOIC	16
ICL3232IB-T	Intersil	Not IEC61000 ESD compliant	MAX3232EIDWR	IEC61000 ESD compliant	S	SOIC	16
ICL3232IBZ	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3232EIDW	IEC61000 ESD compliant	S	SOIC	16
ICL3232IBZ-T	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3232EIDWR	IEC61000 ESD compliant	S	SOIC	16
ICL3232IV	Intersil	Not IEC61000 ESD compliant	MAX3232EIPW	IEC61000 ESD compliant	S	TSSOP	16
ICL3232IV-T	Intersil	Not IEC61000 ESD compliant	MAX3232EIPWR	IEC61000 ESD compliant	S	TSSOP	16
ICL3232IVZ	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3232EIPW	IEC61000 ESD compliant	S	TSSOP	16
ICL3232IVZ-T	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3232EIPWR	IEC61000 ESD compliant	S	TSSOP	16
ICL3238CA	Intersil	Not IEC61000 ESD compliant	MAX3238ECDBR	IEC61000 ESD compliant	S	SSOP	28
ICL3238CA-T	Intersil	Not IEC61000 ESD compliant	MAX3238ECDBR	IEC61000 ESD compliant	S	SSOP	28
ICL3238CAZ	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3238ECDBR	IEC61000 ESD compliant	S	SSOP	28
ICL3238CAZ-T	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3238ECDBR	IEC61000 ESD compliant	S	SSOP	28
ICL3238CB	Intersil	Inactive (09/01/06), 250 kbps	MAX3238ECDW	IEC61000 ESD compliant	S	SOIC	28
ICL3238CB-T	Intersil	Inactive (09/01/06), 250 kbps	MAX3238ECDWR	IEC61000 ESD compliant	S	SOIC	28
ICL3238CV	Intersil	Inactive (09/01/06), 250 kbps	MAX3238ECPW	IEC61000 ESD compliant	S	TSSOP	28
ICL3238CV-T	Intersil	Inactive (09/01/06), 250 kbps	MAX3238ECPWR	IEC61000 ESD compliant	S	TSSOP	28
ICL3238ECA	Intersil		MAX3238ECDB		S	SSOP	28
ICL3238ECA-T	Intersil		MAX3238ECDBR		S	SSOP	28
ICL3238ECAZ	Intersil	Pb-Free	MAX3238ECDB		S	SSOP	28
ICL3238ECAZ-T	Intersil	Pb-Free	MAX3238ECDBR		S	SSOP	28
ICL3238EIA	Intersil		MAX3238EIDB		S	SSOP	28
ICL3238EIA-T	Intersil		MAX3238EIDBR		S	SSOP	28
ICL3238EIAZ	Intersil	Pb-Free	MAX3238EIDB		S	SSOP	28
ICL3238EIAZ-T	Intersil	Pb-Free	MAX3238EIDBR		S	SSOP	28
ICL3238EIV	Intersil		MAX3238EIPW		S	TSSOP	28
ICL3238EIV-T	Intersil		MAX3238EIPWR		S	TSSOP	28
ICL3238EIVZ	Intersil	Pb-Free	MAX3238EIPW		S	TSSOP	28
ICL3238EIVZ-T	Intersil	Pb-Free	MAX3238EIPWR		S	TSSOP	28
ICL3238IA	Intersil	Not IEC61000 ESD compliant	MAX3238EIDBR	IEC61000 ESD compliant	S	SSOP	28
ICL3238IA-T	Intersil	Not IEC61000 ESD compliant	MAX3238EIDBR	IEC61000 ESD compliant	S	SSOP	28
ICL3238IAZ	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3238EIDBR	IEC61000 ESD compliant	S	SSOP	28
ICL3238IAZ-T	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3238EIDBR	IEC61000 ESD compliant	S	SSOP	28
ICL3243CA	Intersil	Not IEC61000 ESD compliant	MAX3243ECDB	IEC61000 ESD compliant	S	SSOP	28
ICL3243CA-T	Intersil	Not IEC61000 ESD compliant	MAX3243ECDBR	IEC61000 ESD compliant	S	SSOP	28
ICL3243CAZ	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3243ECDB	IEC61000 ESD compliant	S	SSOP	28
ICL3243CAZ-T	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3243ECDBR	IEC61000 ESD compliant	S	SSOP	28
ICL3243CB	Intersil	Not IEC61000 ESD compliant	MAX3243ECDW	IEC61000 ESD compliant	S	SOIC	28
ICL3243CB-T	Intersil	Not IEC61000 ESD compliant	MAX3243ECDWR	IEC61000 ESD compliant	S	SOIC	28
ICL3243CBZ	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3243ECDW	IEC61000 ESD compliant	S	SOIC	28
ICL3243CBZ-T	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3243ECDWR	IEC61000 ESD compliant	S	SOIC	28
ICL3243CV	Intersil	Not IEC61000 ESD compliant	MAX3243ECPW	IEC61000 ESD compliant	S	TSSOP	28
ICL3243CV-T	Intersil	Not IEC61000 ESD compliant	MAX3243ECPWR	IEC61000 ESD compliant	S	TSSOP	28
ICL3243CVZ	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3243ECPW	IEC61000 ESD compliant	S	TSSOP	28
ICL3243CVZ-T	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3243ECPWR	IEC61000 ESD compliant	S	TSSOP	28
ICL3243ECA	Intersil		MAX3243ECDB		S	SSOP	28
ICL3243ECA-T	Intersil		MAX3243ECDBR		S	SSOP	28
ICL3243ECAZ	Intersil	Pb-Free	MAX3243ECDB		S	SSOP	28
ICL3243ECAZ-T	Intersil	Pb-Free	MAX3243ECDBR		S	SSOP	28
ICL3243ECB	Intersil		MAX3243ECDW		S	SOIC	28

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
ICL3243ECB-T	Intersil		MAX3243ECDWR		S	SOIC	28
ICL3243ECBZ	Intersil	Pb-Free	MAX3243ECDWR		S	SOIC	28
ICL3243ECBZ-T	Intersil	Pb-Free	MAX3243ECDWR		S	SOIC	28
ICL3243ECV	Intersil		MAX3243ECPW		S	TSSOP	28
ICL3243ECV-T	Intersil		MAX3243ECPWR		S	TSSOP	28
ICL3243ECVZ	Intersil	Pb-Free	MAX3243ECPW		S	TSSOP	28
ICL3243ECVZA-T	Intersil		MAX3243ECPWR		S	TSSOP	28
ICL3243ECVZ-T	Intersil	Pb-Free	MAX3243ECPWR		S	TSSOP	28
ICL3243EIA	Intersil		MAX3243EIDB		S	SSOP	28
ICL3243EIA-T	Intersil		MAX3243EIDBR		S	SSOP	28
ICL3243EIAZ	Intersil	Pb-Free	MAX3243EIDB		S	SSOP	28
ICL3243EIAZ-T	Intersil	Pb-Free	MAX3243EIDBR		S	SSOP	28
ICL3243EIB	Intersil		MAX3243EIDW		S	SOIC	28
ICL3243EIB-T	Intersil		MAX3243EIDWR		S	SOIC	28
ICL3243EIBZ	Intersil	Pb-Free	MAX3243EIDW		S	SOIC	28
ICL3243EIBZ-T	Intersil	Pb-Free	MAX3243EIDWR		S	SOIC	28
ICL3243EIV	Intersil		MAX3243EIPW		S	TSSOP	28
ICL3243EIV-T	Intersil		MAX3243EIPWR		S	TSSOP	28
ICL3243EIVZ	Intersil	Pb-Free	MAX3243EIPW		S	TSSOP	28
ICL3243EIVZ-T	Intersil	Pb-Free	MAX3243EIPWR		S	TSSOP	28
ICL3243IA	Intersil	Not IEC61000 ESD compliant	MAX3243EIDB	IEC61000 ESD compliant	S	SSOP	28
ICL3243IA-T	Intersil	Not IEC61000 ESD compliant	MAX3243EIDBR	IEC61000 ESD compliant	S	SSOP	28
ICL3243IAZ	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3243EIDB	IEC61000 ESD compliant	S	SSOP	28
ICL3243IAZ-T	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3243EIDBR	IEC61000 ESD compliant	S	SSOP	28
ICL3243IB	Intersil	Not IEC61000 ESD compliant	MAX3243EIDW	IEC61000 ESD compliant	S	SOIC	28
ICL3243IB-T	Intersil	Not IEC61000 ESD compliant	MAX3243EIDWR	IEC61000 ESD compliant	S	SOIC	28
ICL3243IBZ	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3243EIDW	IEC61000 ESD compliant	S	SOIC	28
ICL3243IBZ-T	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3243EIDWR	IEC61000 ESD compliant	S	SOIC	28
ICL3243IV	Intersil	Not IEC61000 ESD compliant	MAX3243EIPW	IEC61000 ESD compliant	S	TSSOP	28
ICL3243IV-T	Intersil	Not IEC61000 ESD compliant	MAX3243EIPWR	IEC61000 ESD compliant	S	TSSOP	28
ICL3243IVZ	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3243EIPW	IEC61000 ESD compliant	S	TSSOP	28
ICL3243IVZ-T	Intersil	Pb-Free, Not IEC61000 ESD compliant	MAX3243EIPWR	IEC61000 ESD compliant	S	TSSOP	28
ICL7660CBA	Intersil		TL7660CD		S	SOIC	8
ICL7660CBA-T	Intersil		TL7660CDR		S	SOIC	8
ICL7660CBAZ	Intersil	Pb-Free	TL7660CD		S	SOIC	8
ICL7660CPA	Maxim		LT1054CP	Shutdown, Feedback capability	Q	PDIP	8
ICL7660EPA	Maxim		LT1054IP	Shutdown, Feedback capability	Q	PDIP	8
IDT29FCT520ATSO8	Integrated Device Technology (IDT)		CY29FCT520ATSOCT		S	SOIC	24
IDT29FCT520ATSO8	Integrated Device Technology (IDT)	tpd differs	CY29FCT520BTSOCT		S	SOIC	24
IDT29FCT520ATSO8	Integrated Device Technology (IDT)	tpd differs	CY29FCT520CTSOCT		S	SOIC	24
IDT29FCT520BTSO8	Integrated Device Technology (IDT)	tpd differs	CY29FCT520ATSOCT		S	SOIC	24
IDT29FCT520BTSO8	Integrated Device Technology (IDT)		CY29FCT520BTSOCT		S	SOIC	24
IDT29FCT520BTSO8	Integrated Device Technology (IDT)	tpd differs	CY29FCT520CTSOCT		S	SOIC	24
IDT29FCT520CTSO8	Integrated Device Technology (IDT)	tpd differs	CY29FCT520ATSOCT		S	SOIC	24
IDT29FCT520CTSO8	Integrated Device Technology (IDT)	tpd differs	CY29FCT520BTSOCT		S	SOIC	24
IDT29FCT520CTSO8	Integrated Device Technology (IDT)		CY29FCT520CTSOCT		S	SOIC	24
IDT74ALVC04DC	Integrated Device Technology (IDT)	tpd differs	SN74ALVC04D		S	SOIC	14
IDT74ALVC04DC	Integrated Device Technology (IDT)	tpd differs	SN74ALVC04DR		S	SOIC	14
IDT74ALVC04DC8	Integrated Device Technology (IDT)	tpd differs	SN74ALVC04DR		S	SOIC	14
IDT74ALVC125DC	Integrated Device Technology (IDT)	Vs differs	SN74ALVC125D		S	SOIC	14
IDT74ALVC125DC8	Integrated Device Technology (IDT)	Vs differs	SN74ALVC125DR		S	SOIC	14
IDT74ALVC126DC	Integrated Device Technology (IDT)	tpd, Vs differ	SN74ALVC126D		S	SOIC	14
IDT74ALVC126DC8	Integrated Device Technology (IDT)	tpd, Vs differ	SN74ALVC126DR		S	SOIC	14
IDT74ALVC14DC	Integrated Device Technology (IDT)	tpd differs	SN74ALVC14D		S	SOIC	14
IDT74ALVC162244PA	Integrated Device Technology (IDT)		SN74ALVCH162244GR	Bus-hold	Q	TSSOP	48
IDT74ALVC162244PA8	Integrated Device Technology (IDT)		SN74ALVCH162244GR	Bus-hold	Q	TSSOP	48
IDT74ALVC162244PV	Integrated Device Technology (IDT)	tpd, Vs differ	SN74ALVC16244ADL		S	SSOP	48
IDT74ALVC162244PV	Integrated Device Technology (IDT)	Discontinued L-05-04, 5/2/2005	SN74ALVCH162244DL	Bus-hold	Q	SSOP	48
IDT74ALVC162244PV8	Integrated Device Technology (IDT)	Discontinued L-05-04, 5/2/2005	SN74ALVCH162244DLR	Bus-hold	Q	SSOP	48
IDT74ALVC162344PV	Integrated Device Technology (IDT)	No Bus-Hold	SN74ALVCH162344DL	Bus-Hold	Q	SSOP	56
IDT74ALVC162344PV	Integrated Device Technology (IDT)	tpd differs, No Bus-Hold	SN74ALVCH16344DL	Bus-Hold	Q	SSOP	56
IDT74ALVC16244APV	Integrated Device Technology (IDT)	tpd, Vs differ	SN74ALVC16244ADL		S	SSOP	48
IDT74ALVC162834PV	Integrated Device Technology (IDT)		SN74ALVC162834DL		S	SSOP	56
IDT74ALVC162836PA	Integrated Device Technology (IDT)		SN74ALVC162836DGGR		S	TSSOP	56

ICL3243ECB-T — IDT74ALVC162836PA

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
IDT74ALVC162836PA8	Integrated Device Technology (IDT)		SN74ALVC162836DGGR		S	TSSOP	56
IDT74ALVC16334PV	Integrated Device Technology (IDT)		SN74ALVC16334DL		S	SSOP	48
IDT74ALVC16344PA	Integrated Device Technology (IDT)	tpd differs, No Bus-Hold	SN74ALVCH16344DGGR	Bus-Hold	Q	TSSOP	56
IDT74ALVC16344PV	Integrated Device Technology (IDT)	No Bus-Hold	SN74ALVCH162344DL	Bus-Hold	Q	SSOP	56
IDT74ALVC16344PV	Integrated Device Technology (IDT)	tpd differs, No Bus-Hold	SN74ALVCH16344DL	Bus-Hold	Q	SSOP	56
IDT74ALVC16834PV	Integrated Device Technology (IDT)		SN74ALVC16834DL		S	SSOP	56
IDT74ALVC1G126DY8	Integrated Device Technology (IDT)	tpd differs	SN74LVC1G126DCKR	tpd differs	Q	SC-70/EIAJSC88	5
IDT74ALVC244PG	Integrated Device Technology (IDT)		SN74ALVC244PW		S	TSSOP	20
IDT74ALVC244PG8	Integrated Device Technology (IDT)	Vs differs	SN74ALVC244PWR		S	TSSOP	20
IDT74ALVC244SO	Integrated Device Technology (IDT)		SN74ALVC244DW		S	SOIC	20
IDT74ALVC244SO8	Integrated Device Technology (IDT)	Vs differs	SN74ALVC244DWR		S	SOIC	20
IDT74ALVC244SO8	Integrated Device Technology (IDT)	Vs differs	SN74ALVC244NSR		S	SOIC	20
IDT74ALVCH162244PA	Integrated Device Technology (IDT)	Vs differs	SN74ALVCH162244GR		S	TSSOP	48
IDT74ALVCH162244PA8	Integrated Device Technology (IDT)		SN74ALVCH162244GR		S	TSSOP	48
IDT74ALVCH162244PAG	Integrated Device Technology (IDT)		SN74ALVCH162244GR		S	TSSOP	48
IDT74ALVCH162244PAG8	Integrated Device Technology (IDT)	Green	SN74ALVCH162244GR		S	TSSOP	48
IDT74ALVCH162244PV	Integrated Device Technology (IDT)		SN74ALVCH162244DL		S	SSOP	48
IDT74ALVCH162244PV	Integrated Device Technology (IDT)	tpd, Vs differ	SN74ALVCH16244DL		S	SSOP	48
IDT74ALVCH162244PV8	Integrated Device Technology (IDT)		SN74ALVCH162244DLR		S	SSOP	48
IDT74ALVCH162244PVG	Integrated Device Technology (IDT)	Green	SN74ALVCH162244DL		S	SSOP	48
IDT74ALVCH162244PVG8	Integrated Device Technology (IDT)	Green	SN74ALVCH162244DLR		S	SSOP	48
IDT74ALVCH162245PA	Integrated Device Technology (IDT)		SN74ALVCHR16245GR		S	TSSOP	48
IDT74ALVCH162245PA8	Integrated Device Technology (IDT)	A port +/- 12 mA, B port +/- 24 mA	SN74ALVCHR16245GR	A & B-ports have series resistors, +/- 12 mA drive	Q	TSSOP	48
IDT74ALVCH162245PAG	Integrated Device Technology (IDT)		SN74ALVCHR16245GR		S	TSSOP	48
IDT74ALVCH162245PAG8	Integrated Device Technology (IDT)	A port +/- 12 mA, B port +/- 24 mA, Green	SN74ALVCHR16245GR	A & B-ports have series resistors, +/- 12 mA drive	Q	TSSOP	48
IDT74ALVCH162260PA	Integrated Device Technology (IDT)		SN74ALVCH16260DGGR		S	TSSOP	56
IDT74ALVCH162260PV	Integrated Device Technology (IDT)		SN74ALVCH162260DL		S	SSOP	56
IDT74ALVCH162334PV	Integrated Device Technology (IDT)		SN74ALVCH162334DL		S	SSOP	48
IDT74ALVCH162344PA	Integrated Device Technology (IDT)		SN74ALVCH162344GR		S	TSSOP	56
IDT74ALVCH162344PF	Integrated Device Technology (IDT)		SN74ALVCH162344VR		S	TVSOP	56
IDT74ALVCH162344PF8	Integrated Device Technology (IDT)		SN74ALVCH162344VR		S	TVSOP	56
IDT74ALVCH162344PV	Integrated Device Technology (IDT)		SN74ALVCH162344DL		S	SSOP	56
IDT74ALVCH162373PA	Integrated Device Technology (IDT)	tpd, Vs differ	SN74ALVCH16373DGGR		S	TSSOP	48
IDT74ALVCH162373PV	Integrated Device Technology (IDT)		SN74ALVCH16373DL		S	SSOP	48
IDT74ALVCH162374PA	Integrated Device Technology (IDT)		SN74ALVCH162374GR		S	TSSOP	48
IDT74ALVCH162374PV	Integrated Device Technology (IDT)		SN74ALVCH162374DL		S	SSOP	48
IDT74ALVCH162374PV8	Integrated Device Technology (IDT)		SN74ALVCH162374DLR		S	SSOP	48
IDT74ALVCH16240PV	Integrated Device Technology (IDT)		SN74ALVCH16240DL		S	SSOP	48
IDT74ALVCH16240PV8	Integrated Device Technology (IDT)		SN74ALVCH16240DLR		S	SSOP	48
IDT74ALVCH16244PF	Integrated Device Technology (IDT)		SN74ALVCH16244DGVR		S	TVSOP	48
IDT74ALVCH16244PF8	Integrated Device Technology (IDT)		SN74ALVCH16244DGVR		S	TVSOP	48
IDT74ALVCH16244PV	Integrated Device Technology (IDT)		SN74ALVCH16244DL		S	SSOP	48
IDT74ALVCH16245PA	Integrated Device Technology (IDT)		SN74ALVCH16245DGGR		S	TSSOP	48
IDT74ALVCH16245PA8	Integrated Device Technology (IDT)		SN74ALVCH16245DGGR		S	TSSOP	48
IDT74ALVCH16245PF	Integrated Device Technology (IDT)		SN74ALVCH16245DGVR		S	TVSOP	48
IDT74ALVCH16245PF8	Integrated Device Technology (IDT)		SN74ALVCH16245DGVR		S	TVSOP	48
IDT74ALVCH16245PV	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16245DL		S	SSOP	48
IDT74ALVCH16245PV8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16245DLR		S	SSOP	48
IDT74ALVCH16260PA	Integrated Device Technology (IDT)		SN74ALVCH16260DGGR		S	TSSOP	56
IDT74ALVCH16260PV	Integrated Device Technology (IDT)		SN74ALVCH16260DL		S	SSOP	56
IDT74ALVCH16260PV	Integrated Device Technology (IDT)		SN74ALVCH16260DL		S	SSOP	56
IDT74ALVCH16260PV8	Integrated Device Technology (IDT)		SN74ALVCH16260DLR		S	SSOP	56
IDT74ALVCH162721PA	Integrated Device Technology (IDT)		SN74ALVCH162721GR		S	TSSOP	56
IDT74ALVCH162721PV	Integrated Device Technology (IDT)		SN74ALVCH162721DL		S	SSOP	56
IDT74ALVCH162721PV8	Integrated Device Technology (IDT)		SN74ALVCH162721DLR		S	SSOP	56
IDT74ALVCH162820PA	Integrated Device Technology (IDT)	tpd differs	SN74ALVCH162820GR		S	TSSOP	56
IDT74ALVCH162820PV	Integrated Device Technology (IDT)	tpd differs	SN74ALVCH162820DL		S	SSOP	56
IDT74ALVCH162820PV	Integrated Device Technology (IDT)		SN74ALVCH16820DL		S	SSOP	56
IDT74ALVCH162820PV8	Integrated Device Technology (IDT)	tpd differs	SN74ALVCH162820DLR		S	SSOP	56
IDT74ALVCH162821PV	Integrated Device Technology (IDT)		SN74ALVCH16821DL		S	SSOP	56
IDT74ALVCH162827PF	Integrated Device Technology (IDT)		SN74ALVCH162827VR		S	TVSOP	56
IDT74ALVCH162827PV	Integrated Device Technology (IDT)	Vs differs	SN74ALVCH162827DL		S	SSOP	56

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
IDT74ALVCH162835PA	Integrated Device Technology (IDT)		SN74ALVCH162835GR		S	TSSOP	56
IDT74ALVCH162835PA8	Integrated Device Technology (IDT)		SN74ALVCH162835GR		S	TSSOP	56
IDT74ALVCH162835PV	Integrated Device Technology (IDT)		SN74ALVCH162835DL		S	SSOP	56
IDT74ALVCH162836PV	Integrated Device Technology (IDT)		SN74ALVCH162836DL		S	SSOP	56
IDT74ALVCH162841PA	Integrated Device Technology (IDT)	Vs differs	SN74ALVCH162841GR		S	TSSOP	56
IDT74ALVCH162841PA	Integrated Device Technology (IDT)	tpd, Vs differ	SN74ALVCH16841DGGR		S	TSSOP	56
IDT74ALVCH162841PV	Integrated Device Technology (IDT)	Vs differs	SN74ALVCH162841DL		S	SSOP	56
IDT74ALVCH162841PV	Integrated Device Technology (IDT)	tpd differs	SN74ALVCH16841DL		S	SSOP	56
IDT74ALVCH16344PA	Integrated Device Technology (IDT)		SN74ALVCH16344DGGR		S	TSSOP	56
IDT74ALVCH16344PV	Integrated Device Technology (IDT)		SN74ALVCH16344DL		S	SSOP	56
IDT74ALVCH16373PA	Integrated Device Technology (IDT)		SN74ALVCH16373DGGR		S	TSSOP	48
IDT74ALVCH16373PA8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16373DGGR		S	TSSOP	48
IDT74ALVCH16373PV	Integrated Device Technology (IDT)	Discontinued PDN L-04-06, 08/02/2004	SN74ALVCH16373DL		S	SSOP	48
IDT74ALVCH16373PV8	Integrated Device Technology (IDT)	Discontinued PDN L-04-06, 08/02/2004	SN74ALVCH16373DLR		S	SSOP	48
IDT74ALVCH16374PA	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16374DGGR		S	TSSOP	48
IDT74ALVCH16374PA8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16374DGGR		S	TSSOP	48
IDT74ALVCH16374PF	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16374DGVR		S	TVSOP	48
IDT74ALVCH16374PF8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16374DGVR		S	TVSOP	48
IDT74ALVCH16374PV	Integrated Device Technology (IDT)	Discontinued PDN L-04-06, 08/02/2004	SN74ALVCH16374DL		S	SSOP	48
IDT74ALVCH16374PV8	Integrated Device Technology (IDT)	Discontinued PDN L-04-06, 08/02/2004	SN74ALVCH16374DLR		S	SSOP	48
IDT74ALVCH16500PA	Integrated Device Technology (IDT)	Vs differs	SN74ALVCH16500DGGR		S	TSSOP	56
IDT74ALVCH16500PA8	Integrated Device Technology (IDT)	Vs differs	SN74ALVCH16500DGGR		S	TSSOP	56
IDT74ALVCH16500PV	Integrated Device Technology (IDT)	Vs differs	SN74ALVCH16500DL		S	SSOP	56
IDT74ALVCH16500PV8	Integrated Device Technology (IDT)	Vs differs	SN74ALVCH16500DLR		S	SSOP	56
IDT74ALVCH16501PA	Integrated Device Technology (IDT)	Vs differs	SN74ALVCH16501DGGR		S	TSSOP	56
IDT74ALVCH16501PA8	Integrated Device Technology (IDT)		SN74ALVCH16501DGGR		S	TSSOP	56
IDT74ALVCH16501PV	Integrated Device Technology (IDT)		SN74ALVCH16501DL		S	SSOP	56
IDT74ALVCH16501PV8	Integrated Device Technology (IDT)		SN74ALVCH16501DLR		S	SSOP	56
IDT74ALVCH16721PA	Integrated Device Technology (IDT)	tpd differs	SN74ALVCH162721GR		S	TSSOP	56
IDT74ALVCH16721PA	Integrated Device Technology (IDT)		SN74ALVCH16721DGGR		S	TSSOP	48
IDT74ALVCH16721PA8	Integrated Device Technology (IDT)		SN74ALVCH16721DGGR		S	TSSOP	48
IDT74ALVCH16721PF	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74ALVCH16721DGVR		S	TVSOP	56
IDT74ALVCH16721PF8	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74ALVCH16721DGVR		S	TVSOP	48
IDT74ALVCH16721PV	Integrated Device Technology (IDT)	tpd differs	SN74ALVCH162721DL		S	SSOP	56
IDT74ALVCH16721PV	Integrated Device Technology (IDT)	Discontinued PDN L-04-06, 08/02/2004	SN74ALVCH16721DL		S	SSOP	48
IDT74ALVCH16721PV8	Integrated Device Technology (IDT)	tpd differs	SN74ALVCH162721DLR		S	SSOP	56
IDT74ALVCH16721PV8	Integrated Device Technology (IDT)	Discontinued PDN L-04-06, 08/02/2004	SN74ALVCH16721DLR		S	SSOP	48
IDT74ALVCH16820PA	Integrated Device Technology (IDT)		SN74ALVCH16820DGGR		S	TSSOP	56
IDT74ALVCH16820PV	Integrated Device Technology (IDT)	tpd differs	SN74ALVCH162820DL		S	SSOP	56
IDT74ALVCH16820PV	Integrated Device Technology (IDT)		SN74ALVCH16820DL		S	SSOP	56
IDT74ALVCH16821PA	Integrated Device Technology (IDT)		SN74ALVCH16821DGGR		S	TSSOP	56
IDT74ALVCH16821PV	Integrated Device Technology (IDT)		SN74ALVCH16821DL		S	SSOP	56
IDT74ALVCH16821PV8	Integrated Device Technology (IDT)		SN74ALVCH16821DLR		S	SSOP	56
IDT74ALVCH16823PA	Integrated Device Technology (IDT)		SN74ALVCH16823DGGR		S	TSSOP	56
IDT74ALVCH16823PA8	Integrated Device Technology (IDT)		SN74ALVCH16823DGGR		S	TSSOP	56
IDT74ALVCH16823PF	Integrated Device Technology (IDT)		SN74ALVCH16823DGVR		S	TVSOP	56
IDT74ALVCH16823PV	Integrated Device Technology (IDT)		SN74ALVCH16823DL		S	SSOP	56
IDT74ALVCH16823PV8	Integrated Device Technology (IDT)		SN74ALVCH16823DLR		S	SSOP	56
IDT74ALVCH16825PA	Integrated Device Technology (IDT)		SN74ALVCH16825DGGR		S	TSSOP	56
IDT74ALVCH16825PA8	Integrated Device Technology (IDT)		SN74ALVCH16825DGGR		S	TSSOP	56
IDT74ALVCH16825PV	Integrated Device Technology (IDT)		SN74ALVCH16825DL		S	SSOP	56
IDT74ALVCH16825PV8	Integrated Device Technology (IDT)		SN74ALVCH16825DLR		S	SSOP	56
IDT74ALVCH16827PA	Integrated Device Technology (IDT)		SN74ALVCH16827DGGR		S	TSSOP	56
IDT74ALVCH16827PV	Integrated Device Technology (IDT)		SN74ALVCH16827DL		S	SSOP	56
IDT74ALVCH16832PA8	Integrated Device Technology (IDT)		SN74ALVCH16832DGGR		S	TSSOP	64
IDT74ALVCH16835PV	Integrated Device Technology (IDT)		SN74ALVCH16835DL		S	SSOP	56
IDT74ALVCH16841PA	Integrated Device Technology (IDT)	Vs differs	SN74ALVCH162841GR		S	TSSOP	56
IDT74ALVCH16841PV	Integrated Device Technology (IDT)		SN74ALVCH16841DL		S	SSOP	56
IDT74ALVCH16903PA	Integrated Device Technology (IDT)		SN74ALVCH16903DGGR		S	TSSOP	56
IDT74ALVCH16903PA8	Integrated Device Technology (IDT)		SN74ALVCH16903DGGR		S	TSSOP	48
IDT74ALVCH16903PF	Integrated Device Technology (IDT)		SN74ALVCH16903DGVR		S	TVSOP	56
IDT74ALVCH16903PF8	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74ALVCH16903DGVR		S	TVSOP	48
IDT74ALVCH16903PV	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16903DL		S	SSOP	48
IDT74ALVCH16903PV8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16903DLR		S	SSOP	48

IDT74ALVCH162835PA — IDT74ALVCH16903PV8

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
IDT74ALVCH16952PA	Integrated Device Technology (IDT)	Vs differs	SN74ALVCH16952DGG		S	TSSOP	56
IDT74ALVCH16952PA8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16952DGG		S	TSSOP	48
IDT74ALVCH16952PF	Integrated Device Technology (IDT)	Vs differs	SN74ALVCH16952DGV		S	TVSOP	56
IDT74ALVCH16952PF8	Integrated Device Technology (IDT)	Discontinued PDN L-04-06, 08/02/2004	SN74ALVCH16952DGV		S	TVSOP	48
IDT74ALVCH16952PV	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16952DL		S	SSOP	48
IDT74ALVCH16952PV8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCH16952DLR		S	SSOP	48
IDT74ALVCH244SO	Integrated Device Technology (IDT)		SN74ALVCH244DW		S	SOIC	20
IDT74ALVCH244SO8	Integrated Device Technology (IDT)		SN74ALVCH244DWR		S	SOIC	20
IDT74ALVCH245PG	Integrated Device Technology (IDT)	tpd, Vs differ	SN74ALVCH245PW		S	TSSOP	20
IDT74ALVCH245SO	Integrated Device Technology (IDT)	tpd, Vs differ	SN74ALVCH245DW		S	SOIC	20
IDT74ALVCH245SO8	Integrated Device Technology (IDT)	tpd, Vs differ	SN74ALVCH245DWR		S	SOIC	20
IDT74ALVCH32245BF	Integrated Device Technology (IDT)	Vs differs	SN74ALVCH32245KR		S	LFPGA	96
IDT74ALVCH32245BF8	Integrated Device Technology (IDT)		SN74ALVCH32245KR		S	LFPGA	96
IDT74ALVCH32245BFG	Integrated Device Technology (IDT)	Green	74ALVCH32245ZKER		S	LFPGA	96
IDT74ALVCH32245BFG8	Integrated Device Technology (IDT)	Green	74ALVCH32245ZKER		S	LFPGA	96
IDT74ALVCH32374BF	Integrated Device Technology (IDT)		SN74ALVCH32374KR		S	LFPGA	96
IDT74ALVCH373SO8	Integrated Device Technology (IDT)	tpd, Vs differ	SN74ALVCH373DWR		S	SOIC	20
IDT74ALVCH374PG	Integrated Device Technology (IDT)	tpd differs	SN74ALVCH374PW		S	TSSOP	20
IDT74ALVCH374PG8	Integrated Device Technology (IDT)	tpd differs	SN74ALVCH374PWR		S	TSSOP	20
IDT74ALVCH374PY8	Integrated Device Technology (IDT)	tpd differs	SN74ALVCH374DBR		S	SSOP	20
IDT74ALVCH374SO	Integrated Device Technology (IDT)	tpd differs	SN74ALVCH374DW		S	SOIC	20
IDT74ALVCH374SO8	Integrated Device Technology (IDT)	tpd differs	SN74ALVCH374DWR		S	SOIC	20
IDT74ALVCHR162269APA	Integrated Device Technology (IDT)		SN74ALVCHR16269AGR		S	TSSOP	56
IDT74ALVCHR162269APA8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCHR16269AGR		S	TSSOP	48
IDT74ALVCHR162269APA8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74ALVCHR16269AGR		S	TSSOP	48
IDT74ALVCHR162269APF	Integrated Device Technology (IDT)		SN74ALVCHR16269AVR		S	TVSOP	56
IDT74ALVCHR162269APF8	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74ALVCHR16269AVR		S	TVSOP	48
IDT74ALVCHR162269APF8	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74ALVCHR16269AVR		S	TVSOP	48
IDT74ALVCHR162269APV	Integrated Device Technology (IDT)	Discontinued PDN L-04-06, 08/02/2004	SN74ALVCHR16269AL		S	SSOP	48
IDT74ALVCHR162269APV8	Integrated Device Technology (IDT)	Discontinued PDN L-04-06, 08/02/2004	SN74ALVCHR16269ALR		S	SSOP	48
IDT74ALVCHR16260PA	Integrated Device Technology (IDT)	tpd, Vs differ	SN74ALVCH16260DGG		S	TSSOP	56
IDT74ALVCHR16260PV	Integrated Device Technology (IDT)		SN74ALVCH16260DL		S	SSOP	56
IDT74ALVCHR16260PV	Integrated Device Technology (IDT)	tpd, Vs differ	SN74ALVCH16260DL		S	SSOP	56
IDT74ALVCHS162830DF	Integrated Device Technology (IDT)		74ALVCHS162830AGR	Not available tubed/trays, use reeled	S	TVSOP	80
IDT74ALVCHS162830DF8	Integrated Device Technology (IDT)		74ALVCHS162830AGR		S	TVSOP	80
IDT74ALVCHS162830DFG	Integrated Device Technology (IDT)	Pb-Free	74ALVCHS162830AGR	Not available tubed/trays, use reeled	S	TVSOP	80
IDT74ALVCHS162830DFG8	Integrated Device Technology (IDT)	Pb-Free	74ALVCHS162830AGR		S	TVSOP	80
IDT74AUC16245BVI	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16245GQLR		S	VFBGA	56
IDT74AUC16245BV18	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16245GQLR		S	BGA	56
IDT74AUC16245BV18	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16245ZQLR		S	VFBGA	56
IDT74AUC16245PAI8	Integrated Device Technology (IDT)	Discontinued, PDN L-05-05, 06/30/2005	SN74AUC16245DGG		S	TSSOP	48
IDT74AUC16245PFI	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16245DGV		S	TVSOP	48
IDT74AUC16245PFI8	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16245DGV		S	TVSOP	48
IDT74AUC16374BVI	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16374GQLR	Not available in trays, use reeled	S	BGA	56
IDT74AUC16374BVI	Integrated Device Technology (IDT)		SN74AUC16374ZQLR		S	VFBGA	56
IDT74AUC16374BV18	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16374GQLR		S	BGA	56
IDT74AUC16374BV18	Integrated Device Technology (IDT)		SN74AUC16374ZQLR		S	VFBGA	56
IDT74AUC16374PAI	Integrated Device Technology (IDT)	Discontinued, PDN L-05-05, 06/30/2005	SN74AUC16374DGG		S	TSSOP	48
IDT74AUC16374PAI8	Integrated Device Technology (IDT)	Discontinued, PDN L-05-05, 06/30/2005	SN74AUC16374DGG		S	TSSOP	48
IDT74AUC16374PFI	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16374DGV		S	TVSOP	48
IDT74AUC16374PFI8	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16374DGV		S	TVSOP	48
IDT74AUC164245BV18	Integrated Device Technology (IDT)	tpd differs	SN74AUC16245GQLR		S	VFBGA	56
IDT74AUC164245BV18	Integrated Device Technology (IDT)	tpd differs	SN74AUC16245ZQLR		S	VFBGA	56
IDT74AUC164245PAI8	Integrated Device Technology (IDT)	tpd differs	SN74AUC16245DGG		S	TSSOP	48
IDT74AUC164245PFI8	Integrated Device Technology (IDT)	tpd differs	SN74AUC16245DGV		S	TVSOP	48
IDT74AUCH16245BVI	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16245GQLR	No bus-hold	Q	VFBGA	56
IDT74AUCH16245BV18	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16245GQLR	No bus-hold	Q	BGA	56
IDT74AUCH16245BV18	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16245ZQLR	No bus-hold	Q	VFBGA	56
IDT74AUCH16245PAI	Integrated Device Technology (IDT)	Discontinued, PDN L-05-05, 06/30/2005	SN74AUC16245DGG	No bus-hold	Q	TSSOP	48
IDT74AUCH16245PAI8	Integrated Device Technology (IDT)	Discontinued, PDN L-05-05, 06/30/2005	SN74AUC16245DGG	No bus-hold	Q	TSSOP	48
IDT74AUCH16245PFI	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16245DGV	No bus-hold	Q	TVSOP	48
IDT74AUCH16245PFI8	Integrated Device Technology (IDT)	Discontinued, PDN L-05-01, 01/31/2005	SN74AUC16245DGV	No bus-hold	Q	TVSOP	48
IDT74CBTLV16292PA	Integrated Device Technology (IDT)		SN74CBTLV16292GR		S	TSSOP	56
IDT74CBTLV16292PA8	Integrated Device Technology (IDT)		SN74CBTLV16292GR		S	TSSOP	56

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
IDT74CBTLV16292PF	Integrated Device Technology (IDT)		SN74CBTLV16292V/R		S	TVSOP	56
IDT74CBTLV16292PF8	Integrated Device Technology (IDT)		SN74CBTLV16292V/R		S	TVSOP	56
IDT74CBTLV16292PV	Integrated Device Technology (IDT)		SN74CBTLV16292DL		S	SSOP	56
IDT74CBTLV16292PV8	Integrated Device Technology (IDT)		SN74CBTLV16292DLR		S	SSOP	56
IDT74CBTLV3125PG	Integrated Device Technology (IDT)		SN74CBTLV3125PW		S	TSSOP	14
IDT74CBTLV3125PG8	Integrated Device Technology (IDT)		SN74CBTLV3125PWR		S	TSSOP	14
IDT74CBTLV3125Q	Integrated Device Technology (IDT)		SN74CBTLV3125DBQR		S	QSOP	16
IDT74CBTLV3125Q8	Integrated Device Technology (IDT)		SN74CBTLV3125DBQR		S	SSOP/QSOP	16
IDT74CBTLV3126PG	Integrated Device Technology (IDT)		SN74CBTLV3126PW		S	TSSOP	14
IDT74CBTLV3126PG8	Integrated Device Technology (IDT)		SN74CBTLV3126PWR		S	TSSOP	14
IDT74CBTLV3126Q	Integrated Device Technology (IDT)		SN74CBTLV3126DBQR		S	QSOP	16
IDT74CBTLV3126Q8	Integrated Device Technology (IDT)		SN74CBTLV3126DBQR		S	SSOP/QSOP	16
IDT74CBTLV3244PG	Integrated Device Technology (IDT)	Green	SN74CB3Q3244PW		S	TSSOP	20
IDT74CBTLV3244PG8	Integrated Device Technology (IDT)	Green	SN74CB3Q3244PWR		S	TSSOP	20
IDT74CBTLV3244PY	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CB3Q3244DBR		S	SSOP	20
IDT74CBTLV3244PY8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CB3Q3244DBR		S	SSOP	20
IDT74CBTLV3244Q	Integrated Device Technology (IDT)		SN74CB3Q3244DBQR		S	QSOP	20
IDT74CBTLV3244Q8	Integrated Device Technology (IDT)		SN74CB3Q3244DBQR		S	SSOP/QSOP	20
IDT74CBTLV3245PG	Integrated Device Technology (IDT)		SN74CBTLV3245APW		S	TSSOP	20
IDT74CBTLV3245PG8	Integrated Device Technology (IDT)		SN74CBTLV3245APWR		S	TSSOP	20
IDT74CBTLV3245Q	Integrated Device Technology (IDT)		SN74CBTLV3245ADBQR		S	SSOP/QSOP	20
IDT74CBTLV3245Q8	Integrated Device Technology (IDT)		SN74CBTLV3245ADBQR		S	QSOP	20
IDT74CBTLV3245Q8	Integrated Device Technology (IDT)		SN74CBTLV3245ADBQR		S	SSOP/QSOP	20
IDT74CBTLV3251PG	Integrated Device Technology (IDT)		SN74CBTLV3251PWR		S	TSSOP	16
IDT74CBTLV3251PG8	Integrated Device Technology (IDT)		SN74CBTLV3251PWR		S	TSSOP	16
IDT74CBTLV3251Q	Integrated Device Technology (IDT)		SN74CBTLV3251DBQR		S	QSOP	16
IDT74CBTLV3251Q8	Integrated Device Technology (IDT)		SN74CBTLV3251DBQR		S	SSOP/QSOP	16
IDT74CBTLV3251QG	Integrated Device Technology (IDT)		SN74CBTLV3251DBQR		S	QSOP	16
IDT74CBTLV3251QG8	Integrated Device Technology (IDT)	Green	SN74CBTLV3251DBQR		S	SSOP/QSOP	16
IDT74CBTLV3253PG	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CBTLV3253PW		S	TSSOP	16
IDT74CBTLV3253PG8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CBTLV3253PWR		S	TSSOP	16
IDT74CBTLV3253PGG	Integrated Device Technology (IDT)	Green	SN74CBTLV3253PW		S	TSSOP	16
IDT74CBTLV3253PGG8	Integrated Device Technology (IDT)	Green	SN74CBTLV3253PWR		S	TSSOP	16
IDT74CBTLV3253Q	Integrated Device Technology (IDT)		SN74CBTLV3253DBQR		S	QSOP	16
IDT74CBTLV3253Q8	Integrated Device Technology (IDT)		SN74CBTLV3253DBQR		S	QSOP	16
IDT74CBTLV3257PG	Integrated Device Technology (IDT)		SN74CBTLV3257PW		S	TSSOP	16
IDT74CBTLV3257PG8	Integrated Device Technology (IDT)		SN74CBTLV3257PWR		S	TSSOP	16
IDT74CBTLV3257PGG	Integrated Device Technology (IDT)	Green	SN74CBTLV3257PW		S	TSSOP	16
IDT74CBTLV3257PGG8	Integrated Device Technology (IDT)	Green	SN74CBTLV3257PWR		S	TSSOP	16
IDT74CBTLV3257Q	Integrated Device Technology (IDT)		SN74CBTLV3257DBQR		S	QSOP	16
IDT74CBTLV3257Q8	Integrated Device Technology (IDT)		SN74CBTLV3257DBQR		S	QSOP	16
IDT74CBTLV3383PG	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CBTLV3383PW		S	TSSOP	24
IDT74CBTLV3383PG8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CBTLV3383PWR		S	TSSOP	24
IDT74CBTLV3383Q	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CBTLV3383DBQR		S	SSOP/QSOP	24
IDT74CBTLV3383Q8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CBTLV3383DBQR		S	SSOP/QSOP	24
IDT74CBTLV3384PG	Integrated Device Technology (IDT)	Discontinued L-05-04, 05/02/2005	SN74CBTLV3384PW		S	TSSOP	24
IDT74CBTLV3384PG8	Integrated Device Technology (IDT)	Discontinued L-05-04, 05/02/2005	SN74CBTLV3384PWR		S	TSSOP	24
IDT74CBTLV3384PGG	Integrated Device Technology (IDT)	Discontinued L-05-04, 05/02/2005	SN74CBTLV3384PW		S	TSSOP	24
IDT74CBTLV3384PGG8	Integrated Device Technology (IDT)	Discontinued L-05-04, 05/02/2005	SN74CBTLV3384PWR		S	TSSOP	24
IDT74CBTLV3384Q	Integrated Device Technology (IDT)		SN74CBTLV3384DBQR		S	SSOP/QSOP	24
IDT74CBTLV3384Q8	Integrated Device Technology (IDT)		SN74CBTLV3384DBQR		S	QSOP	24
IDT74CBTLV3384Q8	Integrated Device Technology (IDT)		SN74CBTLV3384DBQR		S	SSOP/QSOP	24
IDT74CBTLVR16292PA	Integrated Device Technology (IDT)	tpd differs	SN74CBTLV16292GR		S	TSSOP	56
IDT74CBTLVR16292PF	Integrated Device Technology (IDT)	tpd differs	SN74CBTLV16292V/R		S	TVSOP	56
IDT74CBTLVR16292PV	Integrated Device Technology (IDT)	tpd differs	SN74CBTLV16292DL		S	SSOP	56
IDT74FCT157ATQ	Integrated Device Technology (IDT)		CY74FCT157ATQCT		S	QSOP	16
IDT74FCT157ATQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT157CTQCT		S	QSOP	16
IDT74FCT157ATQ8	Integrated Device Technology (IDT)		CY74FCT157ATQCT		S	QSOP	16
IDT74FCT157ATQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT157CTQCT		S	QSOP	16
IDT74FCT157ATSO	Integrated Device Technology (IDT)		CY74FCT157ATSOCT		S	SOIC	16
IDT74FCT157ATSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT157CTSOCT		S	SOIC	16
IDT74FCT157ATSO8	Integrated Device Technology (IDT)		CY74FCT157ATSOCT		S	SOIC	16
IDT74FCT157ATSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT157CTSOCT		S	SOIC	16
IDT74FCT157CTQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT157ATQCT		S	QSOP	16

IDT74CBTLV16292PF — IDT74FCT157CTQ

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
IDT74FCT157CTQ	Integrated Device Technology (IDT)		CY74FCT157CTQCT		S	QSOP	16
IDT74FCT157CTQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT157ATQCT		S	QSOP	16
IDT74FCT157CTQ8	Integrated Device Technology (IDT)		CY74FCT157CTQCT		S	QSOP	16
IDT74FCT157CTSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT157ATSOC		S	SOIC	16
IDT74FCT157CTSO	Integrated Device Technology (IDT)		CY74FCT157CTSOC		S	SOIC	16
IDT74FCT157CTSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT157ATSOCT		S	SOIC	16
IDT74FCT157CTSO8	Integrated Device Technology (IDT)		CY74FCT157CTSOCT		S	SOIC	16
IDT74FCT157DTSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT157ATSOC		S	SOIC	16
IDT74FCT157DTSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT157CTSOC		S	SOIC	16
IDT74FCT157DTSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT157ATSOCT		S	SOIC	16
IDT74FCT157DTSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT157CTSOCT		S	SOIC	16
IDT74FCT157TQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT157ATQCT		S	QSOP	16
IDT74FCT157TQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT157CTQCT		S	QSOP	16
IDT74FCT157TQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT157ATQCT		S	QSOP	16
IDT74FCT157TQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT157CTQCT		S	QSOP	16
IDT74FCT157TSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT157ATSOC		S	SOIC	16
IDT74FCT157TSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT157CTSOC		S	SOIC	16
IDT74FCT162240ATPA	Integrated Device Technology (IDT)		74FCT162240ATPACT		S	TSSOP	48
IDT74FCT162240ATPA8	Integrated Device Technology (IDT)		74FCT162240ATPACT		S	TSSOP	48
IDT74FCT162240ATPV	Integrated Device Technology (IDT)		CY74FCT162240CTPVC	Substitute C speed, faster	S	SSOP	48
IDT74FCT162240ATPV	Integrated Device Technology (IDT)		CY74FCT16240ATPVC		S	SSOP	48
IDT74FCT162240ATPV8	Integrated Device Technology (IDT)		74FCT162240CTPVCT	Substitute C speed, faster	S	SSOP	48
IDT74FCT162240ATPV8	Integrated Device Technology (IDT)		CY74FCT16240ATPVCT		S	SSOP	48
IDT74FCT162240ATPVG	Integrated Device Technology (IDT)	Green	CY74FCT162240CTPVC	Substitute C speed, faster	S	SSOP	48
IDT74FCT162240ATPVG8	Integrated Device Technology (IDT)	Green	74FCT162240CTPVCT	Substitute C speed, faster	S	SSOP	48
IDT74FCT162240CTPA	Integrated Device Technology (IDT)		74FCT162240CTPACT		S	TSSOP	48
IDT74FCT162240CTPA8	Integrated Device Technology (IDT)		74FCT162240CTPACT		S	TSSOP	48
IDT74FCT162240CTPV	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	CY74FCT162240CTPVC		S	SSOP	48
IDT74FCT162240CTPV	Integrated Device Technology (IDT)	tpd differs	CY74FCT16240ATPVC	Substitute A speed	Q	SSOP	48
IDT74FCT162240CTPV8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	74FCT162240CTPVCT		S	SSOP	48
IDT74FCT162240CTPV8	Integrated Device Technology (IDT)	tpd differs	CY74FCT16240ATPVCT	Substitute A speed	Q	SSOP	48
IDT74FCT162240CTPVG	Integrated Device Technology (IDT)	Green	CY74FCT162240CTPVC		S	SSOP	48
IDT74FCT162240CTPVG8	Integrated Device Technology (IDT)	Green	74FCT162240CTPVCT		S	SSOP	48
IDT74FCT162240TPV	Integrated Device Technology (IDT)	tpd differs	CY74FCT16240ATPVC		S	SSOP	48
IDT74FCT162244TPA	Integrated Device Technology (IDT)		CY74FCT162244TPACT		S	TSSOP	48
IDT74FCT162245ATPA	Integrated Device Technology (IDT)	tpd differs	CY74FCT162245TPACT		S	TSSOP	48
IDT74FCT162245ATPA8	Integrated Device Technology (IDT)	tpd differs	CY74FCT162245TPACT		S	TSSOP	48
IDT74FCT162245ATPV	Integrated Device Technology (IDT)	tpd differs	CY74FCT162245TPVC		S	SSOP	48
IDT74FCT162245ATPV8	Integrated Device Technology (IDT)	tpd differs	CY74FCT162245TPVCT		S	SSOP	48
IDT74FCT162245CTPA	Integrated Device Technology (IDT)	tpd differs	CY74FCT162245TPACT		S	TSSOP	48
IDT74FCT162245CTPA8	Integrated Device Technology (IDT)	tpd differs	CY74FCT162245TPACT		S	TSSOP	48
IDT74FCT162245CTPV	Integrated Device Technology (IDT)	tpd differs	CY74FCT162245TPVC		S	SSOP	48
IDT74FCT162245CTPV8	Integrated Device Technology (IDT)	tpd differs	CY74FCT162245TPVCT		S	SSOP	48
IDT74FCT162245TPA	Integrated Device Technology (IDT)		CY74FCT162245TPACT		S	TSSOP	48
IDT74FCT162245TPA	Integrated Device Technology (IDT)		CY74FCT16245TPACT		S	TSSOP	48
IDT74FCT162245TPV	Integrated Device Technology (IDT)		CY74FCT162245TPVC		S	SSOP	48
IDT74FCT162245TPV	Integrated Device Technology (IDT)		CY74FCT16245TPVC		S	SSOP	48
IDT74FCT162373ATPA	Integrated Device Technology (IDT)		74FCT162373ATPACT		S	TSSOP	48
IDT74FCT162373ATPV	Integrated Device Technology (IDT)		74FCT162373ATPVCT		S	SSOP	48
IDT74FCT162373ATPV	Integrated Device Technology (IDT)		CY74FCT162373ATPVCT		S	SSOP	48
IDT74FCT162373ATPV	Integrated Device Technology (IDT)	tpd differs	CY74FCT162373CTPVC	Substitute C speed	S	SSOP	48
IDT74FCT162373CTPA	Integrated Device Technology (IDT)		74FCT162373ATPACT		S	TSSOP	48
IDT74FCT162373CTPA	Integrated Device Technology (IDT)		74FCT162373CTPACT		S	TSSOP	48
IDT74FCT162373CTPV	Integrated Device Technology (IDT)		CY74FCT162373CTPVC		S	SSOP	48
IDT74FCT162373ETPA	Integrated Device Technology (IDT)		74FCT162373ATPACT		S	TSSOP	48
IDT74FCT162373ETPA	Integrated Device Technology (IDT)	tpd differs	74FCT162373CTPACT		S	TSSOP	48
IDT74FCT162373ETPV	Integrated Device Technology (IDT)	tpd differs	CY74FCT162373CTPVC	Substitute C speed	S	SSOP	48
IDT74FCT162374ATPV	Integrated Device Technology (IDT)	tpd differs	CY74FCT162374TPVC		S	SSOP	48
IDT74FCT162374ATPV8	Integrated Device Technology (IDT)	tpd differs	CY74FCT162374TPVCT		S	SSOP	48
IDT74FCT162374CTPV	Integrated Device Technology (IDT)	tpd differs	CY74FCT162374TPVC		S	SSOP	48
IDT74FCT16240ATPV	Integrated Device Technology (IDT)		CY74FCT16240ATPVC		S	SSOP	48
IDT74FCT16240ATPV8	Integrated Device Technology (IDT)		CY74FCT16240ATPVCT		S	SSOP	48
IDT74FCT16240CTPV	Integrated Device Technology (IDT)	tpd differs	CY74FCT16240ATPVC	Substitute A speed	Q	SSOP	48
IDT74FCT16240CTPV8	Integrated Device Technology (IDT)	tpd differs	CY74FCT16240ATPVCT	Substitute A speed	Q	SSOP	48

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent





Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
IDT74FCT16827CTPV	Integrated Device Technology (IDT)	tpd differs	CY74FCT162827BTPVC	Substitute B speed	Q	SSOP	56
IDT74FCT16827CTPV	Integrated Device Technology (IDT)		CY74FCT16827CTPVC		S	SSOP	56
IDT74FCT16827CTPV8	Integrated Device Technology (IDT)		CY74FCT16827CTPVCT		S	SSOP	56
IDT74FCT16827ETPA	Integrated Device Technology (IDT)	tpd differs	CY74FCT16827CTPACT		S	SSOP	56
IDT74FCT16827ETPV	Integrated Device Technology (IDT)	tpd differs	CY74FCT162827ATPVC		S	SSOP	56
IDT74FCT16827ETPV	Integrated Device Technology (IDT)	tpd differs	CY74FCT162827BTPVC		S	SSOP	56
IDT74FCT16827ETPV	Integrated Device Technology (IDT)	tpd differs	CY74FCT16827ATPVC		S	SSOP	56
IDT74FCT16827ETPV	Integrated Device Technology (IDT)	tpd differs	CY74FCT16827CTPVC		S	SSOP	56
IDT74FCT2240TQ	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-07, 5/22/2000	CY74FCT2240ATQCT	Substitute A speed,	S	SSOP/QSOP	20
IDT74FCT2240TQ8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-07, 5/22/2000	CY74FCT2240ATQCT	Substitute A speed, faster	S	SSOP/QSOP	20
IDT74FCT2240TSO	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-07, 05/22/2000	CY74FCT2240TSOC		S	SOIC	20
IDT74FCT2240TSO8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-07, 05/22/2000	CY74FCT2240TSOCT		S	SOIC	20
IDT74FCT2244ATQ	Integrated Device Technology (IDT)		CY74FCT2244ATQCT		S	SSOP/QSOP	20
IDT74FCT2244ATQ8	Integrated Device Technology (IDT)		CY74FCT2244ATQCT		S	SSOP/QSOP	20
IDT74FCT2244ATQG	Integrated Device Technology (IDT)	Pb-Free	CY74FCT2244ATQCT		S	SSOP/QSOP	20
IDT74FCT2244ATQG8	Integrated Device Technology (IDT)	Pb-Free	CY74FCT2244ATQCT		S	SSOP/QSOP	20
IDT74FCT2244ATSO	Integrated Device Technology (IDT)		CY74FCT2244ATSOC		S	SOIC	20
IDT74FCT2244ATSO8	Integrated Device Technology (IDT)		CY74FCT2244ATSOC		S	SOIC	20
IDT74FCT2244ATSOG	Integrated Device Technology (IDT)	Pb-Free	CY74FCT2244ATSOC		S	SOIC	20
IDT74FCT2244ATSOG8	Integrated Device Technology (IDT)	Pb-Free	CY74FCT2244ATSOC		S	SOIC	20
IDT74FCT2244CTQ	Integrated Device Technology (IDT)		CY74FCT2244CTQCT		S	SSOP/QSOP	20
IDT74FCT2244CTQ8	Integrated Device Technology (IDT)		CY74FCT2244CTQCT		S	SSOP/QSOP	20
IDT74FCT2244CTQG	Integrated Device Technology (IDT)	Pb-Free	CY74FCT2244CTQCT		S	SSOP/QSOP	20
IDT74FCT2244CTQG8	Integrated Device Technology (IDT)	Pb-Free	CY74FCT2244CTQCT		S	SSOP/QSOP	20
IDT74FCT2244CTSO	Integrated Device Technology (IDT)		CY74FCT2244CTSOC		S	SOIC	20
IDT74FCT2244CTSO8	Integrated Device Technology (IDT)		CY74FCT2244CTSOC		S	SOIC	20
IDT74FCT2244CTSOG	Integrated Device Technology (IDT)	Pb-Free	CY74FCT2244CTSOC		S	SOIC	20
IDT74FCT2244CTSOG8	Integrated Device Technology (IDT)	Pb-Free	CY74FCT2244CTSOC		S	SOIC	20
IDT74FCT2244TQ	Integrated Device Technology (IDT)		CY74FCT2244TQCT		S	QSOP	20
IDT74FCT2244TQ8	Integrated Device Technology (IDT)		CY74FCT2244TQCT		S	QSOP	20
IDT74FCT2244TQSO	Integrated Device Technology (IDT)		CY74FCT2244TSOC		S	SOIC	20
IDT74FCT2244TQSO8	Integrated Device Technology (IDT)		CY74FCT2244TSOCT		S	SOIC	20
IDT74FCT2245ATSO	Integrated Device Technology (IDT)		CY74FCT2245ATSOC		S	SOIC	20
IDT74FCT2245TQSO	Integrated Device Technology (IDT)		CY74FCT2245TSOC		S	SOIC	20
IDT74FCT2257ATDC	Integrated Device Technology (IDT)		CY74FCT2257ATD	Substitute non-resistor part type for available package	Q	SOIC	16
IDT74FCT2257ATQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257ATQCT		S	QSOP	16
IDT74FCT2257ATQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257CTQCT		S	QSOP	16
IDT74FCT2257ATQ	Integrated Device Technology (IDT)		CY74FCT2257ATQCT		S	QSOP	16
IDT74FCT2257ATQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257CTQCT		S	QSOP	16
IDT74FCT2257ATQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257TQCT		S	QSOP	16
IDT74FCT2257ATQ8	Integrated Device Technology (IDT)		CY74FCT2257ATQCT		S	QSOP	16
IDT74FCT2257ATQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257CTQCT		S	QSOP	16
IDT74FCT2257ATQ8	Integrated Device Technology (IDT)		CY74FCT2257ATQCT		S	QSOP	16
IDT74FCT2257ATQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257CTQCT		S	QSOP	16
IDT74FCT2257ATQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257TQCT		S	QSOP	16
IDT74FCT2257ATQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257CTQCT		S	QSOP	16
IDT74FCT2257ATSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257CTSOC		S	SOIC	16
IDT74FCT2257ATSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257CTQCT		S	SOIC	16
IDT74FCT2257ATSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257CTSOC		S	SOIC	16
IDT74FCT2257ATSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257CTSOC		S	SOIC	16
IDT74FCT2257CTDC	Integrated Device Technology (IDT)		CY74FCT2257CTD	Substitute non-resistor part type for available package	Q	SOIC	16
IDT74FCT2257CTQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257ATQCT		S	QSOP	16
IDT74FCT2257CTQ	Integrated Device Technology (IDT)		CY74FCT2257CTQCT		S	QSOP	16
IDT74FCT2257CTQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257ATQCT		S	QSOP	16
IDT74FCT2257CTQ	Integrated Device Technology (IDT)		CY74FCT2257CTQCT		S	QSOP	16
IDT74FCT2257CTQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257TQCT		S	QSOP	16
IDT74FCT2257CTQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257ATQCT		S	QSOP	16
IDT74FCT2257CTQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257CTQCT		S	QSOP	16
IDT74FCT2257CTQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257ATQCT		S	QSOP	16
IDT74FCT2257CTQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257CTQCT		S	QSOP	16
IDT74FCT2257CTQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257TQCT		S	QSOP	16
IDT74FCT2257CTSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257CTSOC		S	SOIC	16
IDT74FCT2257CTSO	Integrated Device Technology (IDT)		CY74FCT2257CTSOC		S	SOIC	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
IDT74FCT2257CTSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257CTSOCT		S	SOIC	16
IDT74FCT2257CTSO8	Integrated Device Technology (IDT)		CY74FCT2257CTSOCT		S	SOIC	16
IDT74FCT2257TDC	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257ATD	Substitute non-resistor part type for available package, Substitute A speed	Q	SOIC	16
IDT74FCT2257TQ	Integrated Device Technology (IDT)		CY74FCT2257ATQCT		S	QSOP	16
IDT74FCT2257TQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257CTQCT		S	QSOP	16
IDT74FCT2257TQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257ATQCT		S	QSOP	16
IDT74FCT2257TQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257CTQCT		S	QSOP	16
IDT74FCT2257TSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257ATQCT		S	SOIC	16
IDT74FCT2257TSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257CTSOCT		S	SOIC	16
IDT74FCT2373ATSO	Integrated Device Technology (IDT)		CY74FCT373ATSOCT		S	SOIC	20
IDT74FCT2373CTSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT2373CTSOCT		S	SOIC	20
IDT74FCT2373CTSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT373CTSOCT		S	SOIC	20
IDT74FCT2373TSO	Integrated Device Technology (IDT)		CY74FCT373TSOCT		S	SOIC	20
IDT74FCT2374ATSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2374TSOCT		S	SOIC	20
IDT74FCT2374CTSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2374TSOCT		S	SOIC	20
IDT74FCT2374TSO8	Integrated Device Technology (IDT)		CY74FCT2374TSOCT		S	SOIC	20
IDT74FCT2374TSO8	Integrated Device Technology (IDT)		CY74FCT374TSOCT		S	SOIC	20
IDT74FCT240CTQ	Integrated Device Technology (IDT)		CY74FCT240CTQCT		S	SSOP/QSOP	20
IDT74FCT240CTSO	Integrated Device Technology (IDT)		CY74FCT240CTSOCT		S	SOIC	20
IDT74FCT244ASO	Integrated Device Technology (IDT)	Vs differs	CY74FCT244ATSOCT		S	SOIC	20
IDT74FCT244ASO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2244TSOCT		S	SOIC	20
IDT74FCT244ASO8	Integrated Device Technology (IDT)	Vs differs	CY74FCT244ATSOCT		S	SOIC	20
IDT74FCT244ATQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT2244ATQCT		S	QSOP	20
IDT74FCT244ATQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT244ATQCT		S	QSOP	20
IDT74FCT244ATQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2244ATQCT		S	QSOP	20
IDT74FCT244ATSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT244ATSOCT		S	SOIC	20
IDT74FCT244ATSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2244ATSOCT		S	SOIC	20
IDT74FCT244CSO	Integrated Device Technology (IDT)	Vs differs	CY74FCT244CTSOCT		S	SOIC	20
IDT74FCT244CSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2244TSOCT		S	SOIC	20
IDT74FCT244CSO8	Integrated Device Technology (IDT)	Vs differs	CY74FCT244CTSOCT		S	SOIC	20
IDT74FCT244CTQ	Integrated Device Technology (IDT)		CY74FCT244CTQCT		S	QSOP	20
IDT74FCT244CTQ8	Integrated Device Technology (IDT)		CY74FCT2244CTQCT		S	QSOP	20
IDT74FCT244CTSO	Integrated Device Technology (IDT)		CY74FCT244CTSOCT		S	SOIC	20
IDT74FCT244CTSO8	Integrated Device Technology (IDT)		CY74FCT2244CTSOCT		S	SOIC	20
IDT74FCT244CTSO8	Integrated Device Technology (IDT)		CY74FCT244CTSOCT		S	SOIC	20
IDT74FCT244SO	Integrated Device Technology (IDT)	Vs differs	CY74FCT244TSOCT		S	SOIC	20
IDT74FCT244TQ	Integrated Device Technology (IDT)		CY74FCT2244TQCT		S	QSOP	20
IDT74FCT244TQ	Integrated Device Technology (IDT)		CY74FCT244TQCT		S	QSOP	20
IDT74FCT244TSO	Integrated Device Technology (IDT)		CY74FCT244TSOCT		S	SOIC	20
IDT74FCT245ATQ	Integrated Device Technology (IDT)		CY74FCT245ATQCT		S	QSOP	20
IDT74FCT245ATQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT245TQCT		S	QSOP	20
IDT74FCT245ATQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT245TQCT		S	QSOP	20
IDT74FCT245ATQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT245TQCT		S	QSOP	20
IDT74FCT245ATQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT245TQCT		S	QSOP	20
IDT74FCT245ATSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT245TSOCT		S	SOIC	20
IDT74FCT245ATSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT245TSOCT		S	SOIC	20
IDT74FCT245ATSOG	Integrated Device Technology (IDT)	tpd differs	CY74FCT245TSOCT		S	SOIC	20
IDT74FCT245ATSOG8	Integrated Device Technology (IDT)	tpd differs	CY74FCT245TSOCT		S	SOIC	20
IDT74FCT245CTQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT245TQCT		S	QSOP	20
IDT74FCT245CTQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT245TQCT		S	QSOP	20
IDT74FCT245CTSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT245TSOCT		S	SOIC	20
IDT74FCT245CTSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT245TSOCT		S	SOIC	20
IDT74FCT245CTSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT245TSOCT		S	SOIC	20
IDT74FCT245CTSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT245TSOCT		S	SOIC	20
IDT74FCT245TQ	Integrated Device Technology (IDT)		CY74FCT245TQCT		S	QSOP	20
IDT74FCT245TQ8	Integrated Device Technology (IDT)		CY74FCT245TQCT		S	QSOP	20
IDT74FCT245TSO	Integrated Device Technology (IDT)		CY74FCT245TSOCT		S	SOIC	20
IDT74FCT2541ATQ	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 5/2/2005	CY74FCT2541ATQCT		S	SSOP/QSOP	20
IDT74FCT2541ATQ8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 5/2/2005	CY74FCT2541ATQCT		S	SSOP/QSOP	20
IDT74FCT2541ATSO	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 5/2/2005	CY74FCT2541ATSOCT		S	SOIC	20
IDT74FCT2541ATSO8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 5/2/2005	CY74FCT2541ATSOCT		S	SOIC	20
IDT74FCT2541CTQ	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 5/2/2005	CY74FCT2541CTQCT		S	SSOP/QSOP	20
IDT74FCT2541CTQ8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 5/2/2005	CY74FCT2541CTQCT		S	SSOP/QSOP	20

IDT74FCT2257CTSO8 — IDT74FCT2541CTO8

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
IDT74FCT2541CTSO	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 5/2/2005	CY74FCT2541CTSOC		S	SOIC	20
IDT74FCT2541CTSO8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 5/2/2005	CY74FCT2541CTSOCT		S	SOIC	20
IDT74FCT2541TQ	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-07, 5/22/2000	CY74FCT2541TQCT		S	SSOP/QSOP	20
IDT74FCT2541TQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT2540CTQCT		S	QSOP	20
IDT74FCT2541TQ8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-07, 5/22/2000	CY74FCT2541TQCT		S	SSOP/QSOP	20
IDT74FCT2541TQSO	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-07, 5/22/2000	CY74FCT2541TQSOCT		S	SOIC	20
IDT74FCT2541TQSO8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-07, 5/22/2000	CY74FCT2541TQSOCT		S	SOIC	20
IDT74FCT2573ATSO	Integrated Device Technology (IDT)		CY74FCT2573ATSOC		S	SOIC	20
IDT74FCT2573CTSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT2573CTSOC		S	SOIC	20
IDT74FCT2573CTSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT2573CTSOC		S	SOIC	20
IDT74FCT2573TQSO	Integrated Device Technology (IDT)		CY74FCT2573TQSOCT		S	SOIC	20
IDT74FCT2573TQSO	Integrated Device Technology (IDT)		CY74FCT2573TQSOCT		S	SOIC	20
IDT74FCT2574TQ	Integrated Device Technology (IDT)		CY74FCT2574TQCT	Substitute A speed, faster	S	QSOP	20
IDT74FCT2574TQ8	Integrated Device Technology (IDT)		CY74FCT2574TQCT	Substitute A speed, faster	S	QSOP	20
IDT74FCT2574TQSO	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-07, 05/22/2000	CY74FCT2574TQSOCT		S	SOIC	20
IDT74FCT2574TQSO8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-07, 05/22/2000	CY74FCT2574TQSOCT		S	SOIC	20
IDT74FCT257ATQ	Integrated Device Technology (IDT)		CY74FCT257ATQCT		S	QSOP	16
IDT74FCT257ATQ	Integrated Device Technology (IDT)		CY74FCT257CTQCT		S	QSOP	16
IDT74FCT257ATQ8	Integrated Device Technology (IDT)		CY74FCT257ATQCT		S	QSOP	16
IDT74FCT257ATQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT257CTQCT		S	QSOP	16
IDT74FCT257ATQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT257TQCT		S	QSOP	16
IDT74FCT257ATSO	Integrated Device Technology (IDT)		CY74FCT257CTSOC		S	SOIC	16
IDT74FCT257ATSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT257CTSOCT		S	SOIC	16
IDT74FCT257CTQ	Integrated Device Technology (IDT)		CY74FCT257ATQCT		S	QSOP	16
IDT74FCT257CTQ	Integrated Device Technology (IDT)		CY74FCT257CTQCT		S	QSOP	16
IDT74FCT257CTQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT257ATQCT		S	QSOP	16
IDT74FCT257CTQ8	Integrated Device Technology (IDT)		CY74FCT257CTQCT		S	QSOP	16
IDT74FCT257CTQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT257TQCT		S	QSOP	16
IDT74FCT257CTSO	Integrated Device Technology (IDT)		CY74FCT257CTSOC		S	SOIC	16
IDT74FCT257CTSO8	Integrated Device Technology (IDT)		CY74FCT257CTSOC		S	SOIC	16
IDT74FCT257DTQ	Integrated Device Technology (IDT)		CY74FCT257ATQCT		S	QSOP	16
IDT74FCT257DTQ	Integrated Device Technology (IDT)		CY74FCT257CTQCT		S	QSOP	16
IDT74FCT257DTQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT257ATQCT		S	QSOP	16
IDT74FCT257DTQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT257CTQCT		S	QSOP	16
IDT74FCT257DTQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT257TQCT		S	QSOP	16
IDT74FCT257DTSO	Integrated Device Technology (IDT)		CY74FCT257CTSOC		S	SOIC	16
IDT74FCT257DTSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT257CTSOCT		S	SOIC	16
IDT74FCT257TQ	Integrated Device Technology (IDT)		CY74FCT257ATQCT		S	QSOP	16
IDT74FCT257TQ	Integrated Device Technology (IDT)		CY74FCT257CTQCT		S	QSOP	16
IDT74FCT257TQSO	Integrated Device Technology (IDT)		CY74FCT257CTSOC		S	SOIC	16
IDT74FCT273ATQ	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	CY74FCT273ATQCT		S	SSOP/QSOP	20
IDT74FCT273ATQ8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	CY74FCT273ATQCT		S	SSOP/QSOP	20
IDT74FCT273CTSO	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	CY74FCT273CTSOC		S	SOIC	20
IDT74FCT273CTSO8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	CY74FCT273CTSOCT		S	SOIC	20
IDT74FCT273CTSO8	Integrated Device Technology (IDT)	Green, Discontinued PDN L-05-04, 05/02/2005	CY74FCT273CTSOC		S	SOIC	20
IDT74FCT273CTSO8	Integrated Device Technology (IDT)	Green, Discontinued PDN L-05-04, 05/02/2005	CY74FCT273CTSOCT		S	SOIC	20
IDT74FCT2827ATQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT2827ATQCT		S	QSOP	24
IDT74FCT2827ATQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT2827ATQCT		S	QSOP	24
IDT74FCT2827ATQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2827CTQCT		S	QSOP	24
IDT74FCT2827ATQ8	Integrated Device Technology (IDT)		CY74FCT2827ATQCT		S	QSOP	24
IDT74FCT2827ATQ8	Integrated Device Technology (IDT)		CY74FCT2827CTQCT		S	QSOP	24
IDT74FCT2827ATSO	Integrated Device Technology (IDT)		CY74FCT2827ATSOC		S	SOIC	24
IDT74FCT2827ATSO8	Integrated Device Technology (IDT)		CY74FCT2827ATSOCT		S	SOIC	24
IDT74FCT2827CTQ	Integrated Device Technology (IDT)		CY74FCT2827CTQCT		S	QSOP	24
IDT74FCT2827CTQ	Integrated Device Technology (IDT)		CY74FCT2827CTQCT		S	QSOP	24
IDT74FCT2827CTQ8	Integrated Device Technology (IDT)		CY74FCT2827CTQCT		S	QSOP	24
IDT74FCT2827CTQ8	Integrated Device Technology (IDT)		CY74FCT2827CTQCT		S	QSOP	24
IDT74FCT2827CTSO	Integrated Device Technology (IDT)		CY74FCT2827CTSOC		S	SOIC	24
IDT74FCT2827CTSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2827CTSOCT		S	SOIC	24
IDT74FCT3573AP	Integrated Device Technology (IDT)	Vs differs	CY74FCT573ATPC		S	PDIP	20
IDT74FCT3573AQ	Integrated Device Technology (IDT)	Vs differs	CY74FCT2573ATQCT		S	QSOP	20
IDT74FCT3573AQ	Integrated Device Technology (IDT)	Vs differs	CY74FCT573ATQCT		S	QSOP	20
IDT74FCT3573ASO	Integrated Device Technology (IDT)	Vs differs	CY74FCT573ATSOC		S	SOIC	20
IDT74FCT3573Q	Integrated Device Technology (IDT)	Vs differs	CY74FCT573TQCT		S	QSOP	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
IDT74FCT3573SO	Integrated Device Technology (IDT)	Vs differs	CY74FCT2573TSOC		S	SOIC	20
IDT74FCT3573SO	Integrated Device Technology (IDT)	Vs differs	CY74FCT573TSOC		S	SOIC	20
IDT74FCT374ASO8	Integrated Device Technology (IDT)	tpd differs	CD74FCT374M96		S	SOIC	20
IDT74FCT374ASO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT374TSOCT		S	SOIC	20
IDT74FCT374ATQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT374TQCT		S	QSOP	20
IDT74FCT374ATSO	Integrated Device Technology (IDT)	tpd differs	CD74FCT374M		S	SOIC	20
IDT74FCT374ATSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT374TSOC		S	SOIC	20
IDT74FCT374ATSO8	Integrated Device Technology (IDT)	tpd differs	CD74FCT374M96		S	SOIC	20
IDT74FCT374ATSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT374TSOCT		S	SOIC	20
IDT74FCT374CSO8	Integrated Device Technology (IDT)	tpd differs	CD74FCT374M96		S	SOIC	20
IDT74FCT374CSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT374TSOCT		S	SOIC	20
IDT74FCT374CTQ	Integrated Device Technology (IDT)		CY74FCT374CTQCT		S	QSOP	20
IDT74FCT374CTQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT374TQCT		S	QSOP	20
IDT74FCT374CTQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT374TQCT		S	QSOP	20
IDT74FCT374CTSO	Integrated Device Technology (IDT)	tpd differs	CD74FCT374M		S	SOIC	20
IDT74FCT374CTSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT374TSOC		S	SOIC	20
IDT74FCT374CTSO8	Integrated Device Technology (IDT)	tpd differs	CD74FCT374M96		S	SOIC	20
IDT74FCT374CTSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT374TSOCT		S	SOIC	20
IDT74FCT540ATQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT540CTQCT	Substitute C speed	S	QSOP	20
IDT74FCT540ATQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT540CTQCT	Substitute C speed	S	QSOP	20
IDT74FCT540ATQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT541ATQCT		S	QSOP	20
IDT74FCT540ATSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT541ATSOCT		S	SOIC	20
IDT74FCT540ATSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT541ATSOCT		S	SOIC	20
IDT74FCT540CTQ	Integrated Device Technology (IDT)		CY74FCT540CTQCT		S	QSOP	20
IDT74FCT540CTQ8	Integrated Device Technology (IDT)		CY74FCT540CTQCT		S	QSOP	20
IDT74FCT540CTQ8	Integrated Device Technology (IDT)		CY74FCT541TQCT		S	QSOP	20
IDT74FCT540CTSO	Integrated Device Technology (IDT)		CY74FCT541CTSOCT		S	SOIC	20
IDT74FCT540CTSO8	Integrated Device Technology (IDT)		CY74FCT541CTSOCT		S	SOIC	20
IDT74FCT541ASO	Integrated Device Technology (IDT)	Vs differs	CY74FCT541ATSOCT		S	SOIC	20
IDT74FCT541ASO8	Integrated Device Technology (IDT)	Vs differs	CY74FCT541ATSOCT		S	SOIC	20
IDT74FCT541ATQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT2541ATQCT		S	QSOP	20
IDT74FCT541ATQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT540CTQCT	Substitute C speed	S	QSOP	20
IDT74FCT541ATQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT540CTQCT	Substitute C speed	S	QSOP	20
IDT74FCT541ATQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT541ATQCT		S	QSOP	20
IDT74FCT541ATSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT541ATSOCT		S	SOIC	20
IDT74FCT541ATSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT541ATSOCT		S	SOIC	20
IDT74FCT541CSO	Integrated Device Technology (IDT)	Vs differs	CY74FCT541CTSOCT		S	SOIC	20
IDT74FCT541CSO8	Integrated Device Technology (IDT)	Vs differs	CY74FCT541CTSOCT		S	SOIC	20
IDT74FCT541CTQ	Integrated Device Technology (IDT)		CY74FCT2541CTQCT		S	QSOP	20
IDT74FCT541CTQ	Integrated Device Technology (IDT)		CY74FCT540CTQCT		S	QSOP	20
IDT74FCT541CTQ8	Integrated Device Technology (IDT)		CY74FCT540CTQCT		S	QSOP	20
IDT74FCT541CTQ8	Integrated Device Technology (IDT)		CY74FCT541CTQCT		S	QSOP	20
IDT74FCT541CTSO	Integrated Device Technology (IDT)		CY74FCT541CTSOCT		S	SOIC	20
IDT74FCT541CTSO8	Integrated Device Technology (IDT)		CY74FCT541CTSOCT		S	SOIC	20
IDT74FCT541TQ	Integrated Device Technology (IDT)		CY74FCT2541TQCT		S	QSOP	20
IDT74FCT541TQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT540CTQCT		S	QSOP	20
IDT74FCT543ATQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT543TQCT		S	QSOP	24
IDT74FCT543ATQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT543TQCT		S	QSOP	24
IDT74FCT543ATSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT543TSOC		S	SOIC	24
IDT74FCT543ATSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT543TSOCT		S	SOIC	24
IDT74FCT543CTQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT543TQCT		S	QSOP	24
IDT74FCT543CTQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT543TQCT		S	QSOP	24
IDT74FCT543CTSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT543TSOC		S	SOIC	24
IDT74FCT543CTSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT543TSOCT		S	SOIC	24
IDT74FCT543DTQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT543TQCT		S	QSOP	24
IDT74FCT543DTQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT543TQCT		S	QSOP	24
IDT74FCT543DTSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT543TSOC		S	SOIC	24
IDT74FCT543DTSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT543TSOCT		S	SOIC	24
IDT74FCT543TQ	Integrated Device Technology (IDT)		CY74FCT543TQCT		S	QSOP	24
IDT74FCT543TQ	Integrated Device Technology (IDT)		CY74FCT543TSOC		S	SOIC	24
IDT74FCT543TQ8	Integrated Device Technology (IDT)		CY74FCT543TQCT		S	QSOP	20
IDT74FCT543TQ8	Integrated Device Technology (IDT)		CY74FCT543TQCT		S	QSOP	20
IDT74FCT543TQ8	Integrated Device Technology (IDT)		CY74FCT543TSOC		S	SOIC	20
IDT74FCT543TQ8	Integrated Device Technology (IDT)		CY74FCT543TSOCT		S	SOIC	20

IDT74FCT3573SO — IDT74FCT574CTSO8

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
IDT74FCT823ATS08	Integrated Device Technology (IDT)		CY74FCT823ATSOCT		S	SOIC	24
IDT74FCT823ATSOT/R	Integrated Device Technology (IDT)		CY74FCT823ATSOCT		S	SOIC	24
IDT74FCT823BTQ	Integrated Device Technology (IDT)		CY74FCT823CTQCT	Substitute C speed, faster	S	SSOP/QSOP	24
IDT74FCT827ASO	Integrated Device Technology (IDT)		CY74FCT827ATSOCT		S	SOIC	24
IDT74FCT827ASO8	Integrated Device Technology (IDT)		CY74FCT827ATSOCT		S	SOIC	24
IDT74FCT827ATQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT827ATQCT		S	QSOP	24
IDT74FCT827ATQ	Integrated Device Technology (IDT)		CY74FCT827ATQCT		S	QSOP	24
IDT74FCT827ATSO	Integrated Device Technology (IDT)		CY74FCT827ATSOCT		S	SOIC	24
IDT74FCT827ATSO8	Integrated Device Technology (IDT)		CY74FCT827ATSOCT		S	SOIC	24
IDT74FCT827BSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT827ATSOCT		S	SOIC	24
IDT74FCT827BSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT827ATSOCT		S	SOIC	24
IDT74FCT827BTQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT827CTQCT	Substitute C speed	S	QSOP	24
IDT74FCT827BTQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT827CTQCT	Substitute C speed	S	QSOP	24
IDT74FCT827BTQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT827CTQCT	Substitute C speed	S	SOIC	24
IDT74FCT827BTQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT827CTQCT	Substitute C speed	S	SOIC	24
IDT74FCT827CTQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT827CTQCT		S	SOIC	24
IDT74FCT827CTQ	Integrated Device Technology (IDT)		CY74FCT827CTQCT		S	QSOP	24
IDT74FCT827CTQ	Integrated Device Technology (IDT)		CY74FCT827CTQCT		S	QSOP	24
IDT74FCT827CTSO	Integrated Device Technology (IDT)		CY74FCT827CTSOCT		S	SOIC	24
IDT74FST163209PA	Integrated Device Technology (IDT)		SN74CBT16209ADGGR		S	TSSOP	48
IDT74FST163209PA8	Integrated Device Technology (IDT)		SN74CBT16209ADGGR		S	TSSOP	48
IDT74FST163209PV	Integrated Device Technology (IDT)		SN74CBT16209ADL		S	SSOP	48
IDT74FST163209PV8	Integrated Device Technology (IDT)		SN74CBT16209ADL		S	SSOP	48
IDT74FST163210PA	Integrated Device Technology (IDT)		SN74CBT16210DGGR		S	TSSOP	48
IDT74FST163210PA8	Integrated Device Technology (IDT)	Discontinued PDN L-02-04R1, 05/09/2003	SN74CBT16210DGGR		S	TSSOP	48
IDT74FST163210PF	Integrated Device Technology (IDT)	Discontinued PDN Logic-01-01, 01/29/2001	SN74CBT16210DGVR		S	TVSOP	48
IDT74FST163210PF8	Integrated Device Technology (IDT)	Discontinued PDN Logic-01-01, 01/29/2001	SN74CBT16210DGVR		S	TVSOP	48
IDT74FST163210PV	Integrated Device Technology (IDT)	Discontinued PDN L-02-04R1, 05/09/2003	SN74CBT16210DL		S	SSOP	48
IDT74FST163210PV8	Integrated Device Technology (IDT)	Discontinued PDN L-02-04R1, 05/09/2003	SN74CBT16210DL		S	SSOP	48
IDT74FST163211PA	Integrated Device Technology (IDT)		SN74CBT16211ADGGR		S	TSSOP	56
IDT74FST163211PA8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CBT16211ADGGR		S	TSSOP	56
IDT74FST163211PAG	Integrated Device Technology (IDT)		SN74CBT16211ADGGR		S	TSSOP	56
IDT74FST163211PAG8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005, Pb-Free	SN74CBT16211ADGGR		S	TSSOP	56
IDT74FST163211PV	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74CBT16211ADL		S	SSOP	56
IDT74FST163211PV8	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74CBT16211ADL		S	SSOP	56
IDT74FST163212PA	Integrated Device Technology (IDT)		SN74CBT16212ADGGR		S	TSSOP	56
IDT74FST163214PA	Integrated Device Technology (IDT)	Discontinued PDN L-04-08, 10/25/2004	SN74CBT16214CDGGR		S	TSSOP	56
IDT74FST163214PA	Integrated Device Technology (IDT)		SN74CBT16214DGGR		S	TSSOP	56
IDT74FST163214PA8	Integrated Device Technology (IDT)	Discontinued PDN L-04-08, 10/25/2004	SN74CBT16214CDGGR		S	TSSOP	56
IDT74FST163214PV	Integrated Device Technology (IDT)	Discontinued PDN L-04-08, 10/25/2004	SN74CBT16214CDL		S	SSOP	56
IDT74FST163214PV8	Integrated Device Technology (IDT)	Discontinued PDN L-04-08, 10/25/2004	SN74CBT16214CDL		S	SSOP	56
IDT74FST163232PA	Integrated Device Technology (IDT)		SN74CBT16232DGGR		S	TSSOP	56
IDT74FST163232PA8	Integrated Device Technology (IDT)		SN74CBT16232DGGR		S	TSSOP	56
IDT74FST163232PV	Integrated Device Technology (IDT)		SN74CBT16232DL		S	SSOP	56
IDT74FST163232PV8	Integrated Device Technology (IDT)		SN74CBT16232DL		S	SSOP	56
IDT74FST163233PA	Integrated Device Technology (IDT)		SN74CBT16233DGGR		S	TSSOP	56
IDT74FST163233PV	Integrated Device Technology (IDT)		SN74CBT16233DL		S	SSOP	56
IDT74FST163244PA	Integrated Device Technology (IDT)		SN74CBT16244DGGR		S	TSSOP	48
IDT74FST163244PA8	Integrated Device Technology (IDT)		SN74CBT16244DGGR		S	TSSOP	48
IDT74FST163244PF	Integrated Device Technology (IDT)		SN74CBT16244DGVR		S	TVSOP	48
IDT74FST163244PF8	Integrated Device Technology (IDT)		SN74CBT16244DGVR		S	TVSOP	48
IDT74FST163244PV	Integrated Device Technology (IDT)		SN74CBT16244DL		S	SSOP	48
IDT74FST163244PV8	Integrated Device Technology (IDT)		SN74CBT16244DL		S	SSOP	48
IDT74FST163245PA	Integrated Device Technology (IDT)		SN74CBT16245DGGR		S	TSSOP	48
IDT74FST163245PF	Integrated Device Technology (IDT)		SN74CBT16245DGVR		S	TVSOP	48
IDT74FST163245PV	Integrated Device Technology (IDT)		SN74CBT16245DL		S	SSOP	48
IDT74FST1632861PA	Integrated Device Technology (IDT)	tpd differs	SN74CBTR16861DGGR		S	TSSOP	48
IDT74FST1632861PA8	Integrated Device Technology (IDT)		SN74CBTR16861DGGR		S	TSSOP	48
IDT74FST1632861PAG	Integrated Device Technology (IDT)	tpd differs	SN74CBTR16861DGGR		S	TSSOP	48
IDT74FST1632861PAG8	Integrated Device Technology (IDT)	Pb-Free	SN74CBTR16861DGGR		S	TSSOP	48
IDT74FST163861PA	Integrated Device Technology (IDT)		SN74CBT16861DGGR		S	TSSOP	48
IDT74FST163861PA8	Integrated Device Technology (IDT)	Discontinued PDN L-02-02, 07/29/2002	SN74CBT16861DGGR		S	TSSOP	48
IDT74FST163861PV	Integrated Device Technology (IDT)	Discontinued PDN L-02-02, 07/29/2002	SN74CBT16861DL		S	SSOP	48
IDT74FST163861PV8	Integrated Device Technology (IDT)	Discontinued PDN L-02-02, 07/29/2002	SN74CBT16861DL		S	SSOP	48

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
IDT74FST3125PG	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3125PW		S	TSSOP	14
IDT74FST3125PG8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3125PWR		S	TSSOP	14
IDT74FST3125Q	Integrated Device Technology (IDT)		SN74CBT3125DBQR		S	QSOP	16
IDT74FST3125Q8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3125DBQR		S	SSOP/QSOP	16
IDT74FST3125SO	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3125D		S	SOIC	14
IDT74FST3125SO8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3125DR		S	SOIC	14
IDT74FST3126PG	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3126PW		S	TSSOP	14
IDT74FST3126PG8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3126PWR		S	TSSOP	14
IDT74FST3126Q	Integrated Device Technology (IDT)		SN74CBT3126DBQR		S	QSOP	16
IDT74FST3126Q8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3126DBQR		S	SSOP/QSOP	16
IDT74FST3126SO	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3126D		S	SOIC	14
IDT74FST3126SO8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3126DR		S	SOIC	14
IDT74FST3244PG	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3244PW		S	TSSOP	20
IDT74FST3244PG8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3244PWR		S	TSSOP	20
IDT74FST3244PY	Integrated Device Technology (IDT)		SN74CBT3244DBR		S	SSOP	20
IDT74FST3244PY8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3244DBR		S	SSOP	20
IDT74FST3244Q	Integrated Device Technology (IDT)		SN74CBT3244DBQR		S	QSOP	20
IDT74FST3244Q8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3244DBQR		S	SSOP/QSOP	20
IDT74FST3244SO	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3244DW		S	SOIC	20
IDT74FST3244SO8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3244DWR		S	SOIC	20
IDT74FST3245PG	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3245APW		S	TSSOP	20
IDT74FST3245PG8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3245APWR		S	TSSOP	20
IDT74FST3245Q	Integrated Device Technology (IDT)		SN74CBT3245ADBQR		S	QSOP	20
IDT74FST3245Q8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3245ADBQR		S	SSOP/QSOP	20
IDT74FST3245SO	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3245ADW		S	SOIC	20
IDT74FST3245SO8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3245ADWR		S	SOIC	20
IDT74FST3253PG	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3253CPW		S	TSSOP	16
IDT74FST3253PG8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3253CPWR		S	TSSOP	16
IDT74FST3253Q	Integrated Device Technology (IDT)	tpd differs	SN74CBT3253CDBQR		S	QSOP	16
IDT74FST3253Q8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3253CDBQR		S	SSOP/QSOP	16
IDT74FST3253SO	Integrated Device Technology (IDT)	tpd differs	SN74CBT3253CD		S	SOIC	16
IDT74FST3253SO8	Integrated Device Technology (IDT)	tpd differs	SN74CBT3253CDR		S	SOIC	16
IDT74FST3257Q	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3257CDBQR		S	SSOP/QSOP	20
IDT74FST3257Q8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3257CDBQR		S	SSOP/QSOP	20
IDT74FST3257SO	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3257CD		S	SOIC	16
IDT74FST3257SO8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3257CDR		S	SOIC	16
IDT74FST3383Q	Integrated Device Technology (IDT)		SN74CBT3383DBQR		S	QSOP	24
IDT74FST3383Q8	Integrated Device Technology (IDT)	Discontinued, use QS product	SN74CBT3383DBQR		S	SSOP/QSOP	24
IDT74FST3384PG	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3384APW		S	TSSOP	24
IDT74FST3384PG8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3384APWR		S	TSSOP	24
IDT74FST3384Q	Integrated Device Technology (IDT)		SN74CBT3384ADBQR		S	QSOP	24
IDT74FST3384Q8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3384ADBQR		S	SSOP/QSOP	24
IDT74FST3384SO	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3384ADW		S	SOIC	24
IDT74FST3384SO8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3384ADWR		S	SOIC	24
IDT74FST3861PG	Integrated Device Technology (IDT)		SN74CBT3861PWR		S	TSSOP	24
IDT74FST3861PG8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3861PWR		S	TSSOP	24
IDT74FST3861Q	Integrated Device Technology (IDT)		SN74CBT3861DBQR		S	QSOP	24
IDT74FST3861Q8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3861DBQR		S	SSOP/QSOP	24
IDT74FST3861SO	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3861DW		S	SOIC	24
IDT74FST3861SO8	Integrated Device Technology (IDT)	Discontinued PDN L-01-08R1, 10/29/2001	SN74CBT3861DWR		S	SOIC	24
IDT74FST6800PG	Integrated Device Technology (IDT)		SN74CBT6800APWR		S	TSSOP	24
IDT74FST6800PG8	Integrated Device Technology (IDT)		SN74CBT6800APWR		S	TSSOP	24
IDT74FST6800Q	Integrated Device Technology (IDT)		SN74CBT6800ADBQR		S	QSOP	24
IDT74FST6800Q8	Integrated Device Technology (IDT)		SN74CBT6800ADBQR		S	SSOP/QSOP	24
IDT74FST6800SO	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74CBT6800ADW		S	SOIC	24
IDT74FST6800SO8	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74CBT6800ADWR		S	SOIC	24
IDT74GTLP16612PA	Integrated Device Technology (IDT)	tpd differs	SN74GTLP16612GR		S	TSSOP	56
IDT74GTLP16612PV	Integrated Device Technology (IDT)		SN74GTLP16612DL		S	SSOP	56
IDT74LVC109ADC	Integrated Device Technology (IDT)	tpd differs	SN74LVC112ADE4		S	SOIC	16
IDT74LVC109APY	Integrated Device Technology (IDT)	tpd differs	SN74LVC112ADBR		S	SSOP	16
IDT74LVC109APY8	Integrated Device Technology (IDT)	tpd differs	SN74LVC112ADBR		S	SSOP	16
IDT74LVC109APY8	Integrated Device Technology (IDT)	tpd differs	SN74LVC112ADBR4		S	SSOP	16
IDT74LVC112ADC	Integrated Device Technology (IDT)		SN74LVC112ADE4		S	SOIC	16
IDT74LVC112APY	Integrated Device Technology (IDT)		SN74LVC112ADBR		S	SSOP	16

IDT74FST3125PG — IDT74LVC112APY

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
IDT74LVC112APY8	Integrated Device Technology (IDT)		SN74LVC112ADBR		S	SSOP	16
IDT74LVC112APY8	Integrated Device Technology (IDT)		SN74LVC112ADBRE4		S	SSOP	16
IDT74LVC125ADC	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVC125AD		S	SOIC	14
IDT74LVC125ADC8	Integrated Device Technology (IDT)		SN74LVC125ADR		S	SOIC	14
IDT74LVC125ADC8	Integrated Device Technology (IDT)	Vs, I/O tolerance differ	SN74LVC125ADT		S	SOIC	14
IDT74LVC125APG	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVC125APW		S	TSSOP	14
IDT74LVC125APG8	Integrated Device Technology (IDT)		SN74LVC125APWR		S	TSSOP	14
IDT74LVC125APY	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC125ADBR		S	SSOP	14
IDT74LVC125APY8	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC125ADBR		S	SSOP	14
IDT74LVC126ADC8	Integrated Device Technology (IDT)	tpd, Vs, I/O tolerance differ	SN74LVC125ADT		S	SOIC	14
IDT74LVC14ADC	Integrated Device Technology (IDT)		SN74LVC14AD		S	SOIC	14
IDT74LVC14APG	Integrated Device Technology (IDT)		SN74LVC14APW		S	TSSOP	14
IDT74LVC157ADC	Integrated Device Technology (IDT)	tpd differs	SN74LVC157AD		S	SOIC	16
IDT74LVC157ADC8	Integrated Device Technology (IDT)	tpd differs	SN74LVC157ADR		S	SOIC	16
IDT74LVC157ADC8	Integrated Device Technology (IDT)	tpd differs	SN74LVC157ADT		S	SOIC	16
IDT74LVC157APG	Integrated Device Technology (IDT)	tpd differs	SN74LVC157APW		S	TSSOP	16
IDT74LVC157APG8	Integrated Device Technology (IDT)	tpd differs	SN74LVC157APWR		S	TSSOP	16
IDT74LVC157APY	Integrated Device Technology (IDT)	tpd differs	SN74LVC157ADBR		S	SSOP	16
IDT74LVC157APY8	Integrated Device Technology (IDT)	tpd differs	SN74LVC157ADBR		S	SSOP	16
IDT74LVC162244APAG8	Integrated Device Technology (IDT)	I/O tolerance differs	SN74LVC162244ADGGR		S	TSSOP	48
IDT74LVC162244APF	Integrated Device Technology (IDT)	I/O tolerance differs	SN74LVC162244ADGVR		S	TVSOP	48
IDT74LVC162244APF8	Integrated Device Technology (IDT)	tpd, Vs, I/O tolerance differ	SN74LVC162244ADGVR		S	TVSOP	48
IDT74LVC162244APF8	Integrated Device Technology (IDT)	I/O tolerance differs	SN74LVC162244ADGVR		S	TVSOP	48
IDT74LVC162244APF8	Integrated Device Technology (IDT)	tpd, Vs, I/O tolerance differ	SN74LVC162244ADGVR		S	TVSOP	48
IDT74LVC162244APV8	Integrated Device Technology (IDT)	tpd, Vs, I/O tolerance differ	SN74LVC163244ADLRG4		S	SSOP	48
IDT74LVC162245APA	Integrated Device Technology (IDT)	IP tolerance, tpd differ	SN74LVCR16245ADGGR		S	TSSOP	48
IDT74LVC162245APA8	Integrated Device Technology (IDT)	A-port series resistors, B-port +/- 24 mA dirve	SN74LVCR16245ADGGR	A & B-ports have series resistors, +/- 12 mA drive	Q	TSSOP	48
IDT74LVC162245APF	Integrated Device Technology (IDT)	I/P tolerance, Vs differ	SN74LVCR16245ADGVR		S	TVSOP	48
IDT74LVC162245APF	Integrated Device Technology (IDT)	A-port series resistors, B-port +/- 24 mA dirve	SN74LVCR16245ADGVR	A & B-ports have series resistors, +/- 12 mA drive,	Q	TSSOP	48
IDT74LVC162245APF8	Integrated Device Technology (IDT)	A-port series resistors, B-port +/- 24 mA dirve	SN74LVCR16245ADGVR	A & B-ports have series resistors, +/- 12 mA drive	Q	TSSOP	48
IDT74LVC162245APV	Integrated Device Technology (IDT)	I/P tolerance, Vs differ	SN74LVCR16245ADL		S	SSOP	48
IDT74LVC16241APF	Integrated Device Technology (IDT)	tpd, Vs, I/O tolerance differ	SN74LVC16244ADGVR		S	TVSOP	48
IDT74LVC16244APAG8	Integrated Device Technology (IDT)	I/O tolerance differs	SN74LVC16244ADGGR		S	TSSOP	48
IDT74LVC16244APF	Integrated Device Technology (IDT)	Vs, I/O tolerance differ	SN74LVC16244ADGVR		S	TVSOP	48
IDT74LVC16244APF8	Integrated Device Technology (IDT)	I/O tolerance differs	SN74LVC16244ADGVR		S	TVSOP	48
IDT74LVC16244APF8	Integrated Device Technology (IDT)	Vs, I/O tolerance differ	SN74LVC16244ADGVR		S	TVSOP	48
IDT74LVC16244APV8	Integrated Device Technology (IDT)	Vs, I/O tolerance differ	SN74LVC16244ADLRG4		S	SSOP	48
IDT74LVC16373APA	Integrated Device Technology (IDT)		SN74LVC16373ADGGR		S	TSSOP	48
IDT74LVC16373APA8	Integrated Device Technology (IDT)		SN74LVC16373ADGGR		S	TSSOP	48
IDT74LVC16373APF	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVC16373ADGVR		S	TVSOP	48
IDT74LVC16373APF8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVC16373ADGVR		S	TVSOP	48
IDT74LVC16373APV	Integrated Device Technology (IDT)		SN74LVC16373ADL		S	SSOP	48
IDT74LVC16373APV8	Integrated Device Technology (IDT)		SN74LVC16373ADLR		S	SSOP	48
IDT74LVC16374APA	Integrated Device Technology (IDT)		SN74LVC16374ADGGR		S	TSSOP	48
IDT74LVC16374APA8	Integrated Device Technology (IDT)		SN74LVC16374ADGGR		S	TSSOP	48
IDT74LVC16374APF	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVC16374ADGVR		S	TVSOP	48
IDT74LVC16374APF8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVC16374ADGVR		S	TVSOP	48
IDT74LVC16374APF8G	Integrated Device Technology (IDT)	Pb-Free	SN74LVC16374ADGVR		S	TVSOP	48
IDT74LVC16374APFG	Integrated Device Technology (IDT)	Pb-Free	SN74LVC16374ADGVR		S	TVSOP	48
IDT74LVC16374APV	Integrated Device Technology (IDT)		SN74LVC16374ADL		S	SSOP	48
IDT74LVC16374APV8	Integrated Device Technology (IDT)		SN74LVC16374ADLR		S	SSOP	48
IDT74LVC16540APF	Integrated Device Technology (IDT)	tpd, Vs, I/O tolerance differ	SN74LVC16244ADGVR		S	TVSOP	48
IDT74LVC16541APF	Integrated Device Technology (IDT)	tpd, Vs, I/O tolerance differ	SN74LVC16244ADGVR		S	TVSOP	48
IDT74LVC16646APA	Integrated Device Technology (IDT)	tpd differs	SN74LVC16646ADGGR		S	TSSOP	56
IDT74LVC16646APA8	Integrated Device Technology (IDT)		SN74LVC16646ADGGR		S	TSSOP	56
IDT74LVC16646APF	Integrated Device Technology (IDT)	tpd differs	SN74LVC16646ADGVR		S	TVSOP	56
IDT74LVC16646APF8	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74LVC16646ADGVR		S	TVSOP	56
IDT74LVC16646APV	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVC16646ADL		S	SSOP	56
IDT74LVC16646APV8	Integrated Device Technology (IDT)		SN74LVC16646ADLR		S	SSOP	56
IDT74LVC1G00ADY8	Integrated Device Technology (IDT)		SN74LVC1G00DCKR	tpd differs	S	SC-70/EIAJSC88	5
IDT74LVC1G00ADYT/R	Integrated Device Technology (IDT)		SN74LVC1G00DCKR	tpd differs	S	SC-70/EIAJSC88	5

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
IDT74LVC1G02ADY8	Integrated Device Technology (IDT)		SN74LVC1G02DCKR	tpd differs	S	SC-70/EIAJSC88	5
IDT74LVC1G02ADYT/R	Integrated Device Technology (IDT)		SN74LVC1G02DCKR	tpd differs	S	SC-70/EIAJSC88	5
IDT74LVC1G04ADY8	Integrated Device Technology (IDT)		SN74LVC1G04DCKR	tpd differs	S	SC-70/EIAJSC88	5
IDT74LVC1G04ADYT/R	Integrated Device Technology (IDT)		SN74LVC1G04DCKR	tpd differs	S	SC-70/EIAJSC88	5
IDT74LVC1G06ADY8	Integrated Device Technology (IDT)		SN74LVC1G06DCKR	tpd differs	S	SC-70/EIAJSC88	5
IDT74LVC1G06ADYT/R	Integrated Device Technology (IDT)		SN74LVC1G06DCKR	tpd differs	S	SC-70/EIAJSC88	5
IDT74LVC1G07ADY8	Integrated Device Technology (IDT)		SN74LVC1G07DCKR	tpd differs	S	SC-70/EIAJSC88	5
IDT74LVC1G07ADYT/R	Integrated Device Technology (IDT)		SN74LVC1G07DCKR	tpd differs	S	SC-70/EIAJSC88	5
IDT74LVC1G08ADY8	Integrated Device Technology (IDT)		SN74LVC1G08DCKR	tpd differs	S	SC-70/EIAJSC88	5
IDT74LVC1G08ADYT/R	Integrated Device Technology (IDT)		SN74LVC1G08DCKR	tpd differs	S	SC-70/EIAJSC88	5
IDT74LVC1G125ADY8	Integrated Device Technology (IDT)		SN74LVC1G125DCKR	tpd differs	S	SC-70/EIAJSC88	5
IDT74LVC1G125ADYT/R	Integrated Device Technology (IDT)		SN74LVC1G125DCKR	tpd differs	S	SC-70/EIAJSC88	5
IDT74LVC1G126ADY8	Integrated Device Technology (IDT)		SN74LVC1G126DCKR	tpd differs	S	SC-70/EIAJSC88	5
IDT74LVC1G126ADYT/R	Integrated Device Technology (IDT)		SN74LVC1G126DCKR	tpd differs	S	SC-70/EIAJSC88	5
IDT74LVC1G32ADY8	Integrated Device Technology (IDT)		SN74LVC1G32DCKR	tpd differs	S	SC-70/EIAJSC88	5
IDT74LVC1G32ADYT/R	Integrated Device Technology (IDT)		SN74LVC1G32DCKR	tpd differs	S	SC-70/EIAJSC88	5
IDT74LVC1G79ADY8	Integrated Device Technology (IDT)		SN74LVC1G79DCKR	tpd differs	S	SC-70/EIAJSC88	5
IDT74LVC1G79ADYT/R	Integrated Device Technology (IDT)		SN74LVC1G79DCKR	tpd differs	S	SC-70/EIAJSC88	5
IDT74LVC1G86ADY8	Integrated Device Technology (IDT)		SN74LVC1G86DCKR	tpd differs	S	SC-70/EIAJSC88	5
IDT74LVC1G86ADYT/R	Integrated Device Technology (IDT)		SN74LVC1G86DCKR	tpd differs	S	SC-70/EIAJSC88	5
IDT74LVC1GU04ADY8	Integrated Device Technology (IDT)		SN74LVC1GU04DCKR	tpd differs	S	SC-70/EIAJSC88	5
IDT74LVC1GU04ADYT/R	Integrated Device Technology (IDT)		SN74LVC1GU04DCKR	tpd differs	S	SC-70/EIAJSC88	5
IDT74LVC2244APG	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC2244APW		S	TSSOP	20
IDT74LVC2244APG8	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC2244APWR		S	TSSOP	20
IDT74LVC2244APY	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC2244ADBR		S	SSOP	20
IDT74LVC2244APY8	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC2244ADBR		S	SSOP	20
IDT74LVC2244AQ	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVC2244ADBQR		S	QSOP	20
IDT74LVC2244AQ8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVC2244ADBQR		S	QSOP	20
IDT74LVC2244ASO	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC2244ADW		S	SOIC	20
IDT74LVC2244ASO8	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC2244ADWR		S	SOIC	20
IDT74LVC257ADC	Integrated Device Technology (IDT)	Vs differs	SN74LVC257AD		S	SOIC	16
IDT74LVC257ADC8	Integrated Device Technology (IDT)	Vs differs	SN74LVC257ADR		S	SOIC	16
IDT74LVC257APG	Integrated Device Technology (IDT)	Vs differs	SN74LVC257APW		S	TSSOP	16
IDT74LVC257APG8	Integrated Device Technology (IDT)	Vs differs	SN74LVC257APWR		S	TSSOP	16
IDT74LVC257APY	Integrated Device Technology (IDT)	Vs differs	SN74LVC257ADBR		S	SSOP	16
IDT74LVC257APY8	Integrated Device Technology (IDT)	Vs differs	SN74LVC257ADBR		S	SSOP	16
IDT74LVC373APG	Integrated Device Technology (IDT)		SN74LVC373APW		S	TSSOP	20
IDT74LVC373APY	Integrated Device Technology (IDT)		SN74LVC373ADBR		S	SSOP	20
IDT74LVC374APG	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC374APW		S	TSSOP	20
IDT74LVC374APG8	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC374APWR		S	TSSOP	20
IDT74LVC374APY	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC374ADBR		S	SSOP	20
IDT74LVC374APY8	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC374ADBR		S	SSOP	20
IDT74LVC374APY8	Integrated Device Technology (IDT)		SN74LVC374ADBRE4		S	SSOP	20
IDT74LVC374ASO	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC374ADW		S	SOIC	20
IDT74LVC374ASO	Integrated Device Technology (IDT)		SN74LVC374ADWE4		S	SOIC	20
IDT74LVC374ASO8	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74LVC374ADWR		S	SOIC	20
IDT74LVC543APG	Integrated Device Technology (IDT)	Vs differs	SN74LVC543APW		S	TSSOP	24
IDT74LVC543APG8	Integrated Device Technology (IDT)	Vs differs	SN74LVC543APWR		S	TSSOP	24
IDT74LVC543APY	Integrated Device Technology (IDT)	Vs differs	SN74LVC543ADBR		S	SSOP	24
IDT74LVC543APY8	Integrated Device Technology (IDT)	Vs differs	SN74LVC543ADBR		S	SSOP	24
IDT74LVC543ASO	Integrated Device Technology (IDT)	Vs differs	SN74LVC543ADW		S	SOIC	24
IDT74LVC543ASO8	Integrated Device Technology (IDT)	Vs differs	SN74LVC543ADWR		S	SOIC	24
IDT74LVC573APG	Integrated Device Technology (IDT)		SN74LVC573APW		S	TSSOP	20
IDT74LVC573APY	Integrated Device Technology (IDT)		SN74LVC573ADBR		S	SSOP	20
IDT74LVC573APY8	Integrated Device Technology (IDT)		SN74LVC573ADBR		S	SSOP	20
IDT74LVC574APY8	Integrated Device Technology (IDT)		SN74LVC574ADBRE4		S	SSOP	20
IDT74LVC574ASO	Integrated Device Technology (IDT)		SN74LVC574ADWE4		S	SOIC	20
IDT74LVC74ADC	Integrated Device Technology (IDT)		SN74LVC74ADE4		S	SOIC	14
IDT74LVC74ADC	Integrated Device Technology (IDT)		SN74LVC74ADG4		S	SOIC	14
IDT74LVC74ADC8	Integrated Device Technology (IDT)		SN74LVC74ADRE4		S	SOIC	14
IDT74LVC74ADC8	Integrated Device Technology (IDT)		SN74LVC74ADRG4		S	SOIC	14
IDT74LVC74APY8	Integrated Device Technology (IDT)		SN74LVC74ADBRG4		S	SSOP	14
IDT74LVC827APY8	Integrated Device Technology (IDT)		SN74LVC828ADBR		S	SSOP	24
IDT74LVC827ASO	Integrated Device Technology (IDT)		SN74LVC828ADW		S	SOIC	24

IDT74LVC1G02ADY8 — IDT74LVC827ASO

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
IDT74LVC827ASO8	Integrated Device Technology (IDT)		SN74LVC828ADWR		S	SOIC	24
IDT74LVC841APG	Integrated Device Technology (IDT)		SN74LVC841APW		S	TSSOP	24
IDT74LVC841APY	Integrated Device Technology (IDT)		SN74LVC841ADBR		S	SSOP	24
IDT74LVCH162244APA	Integrated Device Technology (IDT)	tpd, Vs differ	SN74LVCH162244AGR		S	TSSOP	48
IDT74LVCH162244APA8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH162244AGR		S	TSSOP	48
IDT74LVCH162244APA8G	Integrated Device Technology (IDT)	Pb-Free	SN74LVCH162244AGR		S	TSSOP	48
IDT74LVCH162244APAG	Integrated Device Technology (IDT)	tpd differs	SN74LVCH162244AGR		S	TSSOP	48
IDT74LVCH162244APF	Integrated Device Technology (IDT)		SN74LVCH162244AVR		S	TVSOP	48
IDT74LVCH162244APF8	Integrated Device Technology (IDT)		SN74LVCH162244AVR		S	TVSOP	48
IDT74LVCH162244APV	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH162244ADL		S	SSOP	48
IDT74LVCH162244APV8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH162244ADLR		S	SSOP	48
IDT74LVCH162373APF	Integrated Device Technology (IDT)	tpd, Vs differ	SN74LVCH16373ADGVR		S	TVSOP	48
IDT74LVCH162373APV	Integrated Device Technology (IDT)	tpd, Vs differ	SN74LVCH16373ADL		S	SSOP	48
IDT74LVCH16245APA	Integrated Device Technology (IDT)	I/P tolerance, Vs differ	SN74LVCH16245ADGGR		S	TSSOP	48
IDT74LVCH16245APA8	Integrated Device Technology (IDT)		SN74LVCH16245ADGGR		S	TSSOP	48
IDT74LVCH16245APA8G	Integrated Device Technology (IDT)	Green	SN74LVCH16245ADGGR		S	TSSOP	48
IDT74LVCH16245APAG	Integrated Device Technology (IDT)	I/P tolerance, Vs differ	SN74LVCH16245ADGGR		S	TSSOP	48
IDT74LVCH16245APF	Integrated Device Technology (IDT)	I/P tolerance, Vs differ	SN74LVCH16245ADGVR		S	TVSOP	48
IDT74LVCH16245APF8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH16245ADGVR		S	TVSOP	48
IDT74LVCH16245APV	Integrated Device Technology (IDT)		SN74LVCH16245ADL		S	SSOP	48
IDT74LVCH16245APV8	Integrated Device Technology (IDT)		SN74LVCH16245ADLR		S	SSOP	48
IDT74LVCH16245APV8G	Integrated Device Technology (IDT)	Green	SN74LVCH16245ADLR		S	SSOP	48
IDT74LVCH16245APVG	Integrated Device Technology (IDT)	Green	SN74LVCH16245ADL		S	SSOP	48
IDT74LVCH16373APA	Integrated Device Technology (IDT)		SN74LVCH16373ADGGR		S	TSSOP	48
IDT74LVCH16373APF	Integrated Device Technology (IDT)		SN74LVCH16373ADGVR		S	TVSOP	48
IDT74LVCH16373APV	Integrated Device Technology (IDT)		SN74LVCH16373ADL		S	SSOP	48
IDT74LVCH16373APV8	Integrated Device Technology (IDT)		SN74LVCH16373ADLR		S	SSOP	48
IDT74LVCH16374APA	Integrated Device Technology (IDT)		SN74LVCH16374ADGGR		S	TSSOP	48
IDT74LVCH16374APF	Integrated Device Technology (IDT)		SN74LVCH16374ADGVR		S	TVSOP	48
IDT74LVCH16374APV	Integrated Device Technology (IDT)		SN74LVCH16374ADL		S	TSSOP	48
IDT74LVCH16374APV8	Integrated Device Technology (IDT)		SN74LVCH16374ADLR		S	TSSOP	48
IDT74LVCH16374APF8	Integrated Device Technology (IDT)		SN74LVCH16374ADGVR		S	TVSOP	48
IDT74LVCH16540APA	Integrated Device Technology (IDT)		SN74LVCH16540ADGGR		S	TSSOP	48
IDT74LVCH16540APF	Integrated Device Technology (IDT)		SN74LVCH16540ADGVR		S	TVSOP	48
IDT74LVCH16540APV	Integrated Device Technology (IDT)		SN74LVCH16540ADL		S	SSOP	48
IDT74LVCH16543APA	Integrated Device Technology (IDT)	Vs differs	SN74LVCH16543ADGGR		S	TSSOP	56
IDT74LVCH16543APA8	Integrated Device Technology (IDT)		SN74LVCH16543ADGGR		S	TSSOP	56
IDT74LVCH16543APAG	Integrated Device Technology (IDT)	Vs differs	SN74LVCH16543ADGGR		S	TSSOP	56
IDT74LVCH16543APAG8	Integrated Device Technology (IDT)	Green	SN74LVCH16543ADGGR		S	TSSOP	56
IDT74LVCH16543APF	Integrated Device Technology (IDT)	Vs differs	SN74LVCH16543ADGVR		S	TVSOP	56
IDT74LVCH16543APF8	Integrated Device Technology (IDT)	Vs differs	SN74LVCH16543ADGVR		S	TVSOP	56
IDT74LVCH16543APV	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH16543ADL		S	SSOP	56
IDT74LVCH16543APV8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH16543ADLR		S	SSOP	56
IDT74LVCH244APG	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH244APW		S	TSSOP	20
IDT74LVCH244APG8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH244APWR		S	TSSOP	20
IDT74LVCH244APY	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH244ADBR		S	SSOP	20
IDT74LVCH244APY8	Integrated Device Technology (IDT)		SN74LVCH244ADBQRE4		S	SSOP	20
IDT74LVCH244APY8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH244ADBR		S	SSOP	20
IDT74LVCH244APY8	Integrated Device Technology (IDT)		SN74LVCH244ADBRE4		S	SSOP	20
IDT74LVCH244AQ8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH244ADBQR		S	SSOP/QSOP	20
IDT74LVCH244AQ8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH244ADBQR		S	SSOP/QSOP	20
IDT74LVCH245APG	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH245APW		S	TSSOP	20
IDT74LVCH245APG8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH245APWR		S	TSSOP	20
IDT74LVCH245APY	Integrated Device Technology (IDT)		SN74LVCH245ADBR		S	SSOP	20
IDT74LVCH245APY8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH245ADBR		S	SSOP	20
IDT74LVCH32244ABF	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH32244AGKER		S	CABGA	96
IDT74LVCH32244ABF	Integrated Device Technology (IDT)		SN74LVCH32244AZKER		S	LFBGA	96
IDT74LVCH32244ABF8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCH32244AGKER		S	CABGA	96
IDT74LVCH32244ABF8	Integrated Device Technology (IDT)		SN74LVCH32244AZKER		S	LFBGA	96
IDT74LVCH32245ABF	Integrated Device Technology (IDT)	Vs differs	SN74LVCH32245AGKER		S	LFBGA	96
IDT74LVCH32245ABF8	Integrated Device Technology (IDT)		SN74LVCH32245AGKER		S	LFBGA	96
IDT74LVCH32245ABF8	Integrated Device Technology (IDT)	Vs differs	SN74LVCH32245AZKER		S	LFBGA	96
IDT74LVCH32373ABF	Integrated Device Technology (IDT)	Vs differs	SN74LVCH32373AGKER		S	LFBGA	96
IDT74LVCHR162245APA	Integrated Device Technology (IDT)	IP tolerance, tpd, Vs differ	SN74LVCHR16245AGR		S	TSSOP	48
IDT74LVCHR162245APA8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCHR16245AGR		S	TSSOP	48
IDT74LVCHR162245APAG	Integrated Device Technology (IDT)	IP tolerance, tpd, Vs differ	SN74LVCHR16245AGR		S	TSSOP	48

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
IDT74LVCHR162245APAG8	Integrated Device Technology (IDT)	Green	SN74LVCHR16245AGR		S	TSSOP	48
IDT74LVCHR162245APF	Integrated Device Technology (IDT)	IP tolerance, tpd, Vs differ	SN74LVCHR16245AVR		S	TVSOP	48
IDT74LVCHR162245APF8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCHR16245AVR		S	TVSOP	48
IDT74LVCHR162245APV	Integrated Device Technology (IDT)	IP tolerance, tpd, Vs differ	SN74LVCHR16245ALR		S	SSOP	48
IDT74LVCHR162245APV8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74LVCHR16245ALR		S	SSOP	48
IDT74LVCR162245APA	Integrated Device Technology (IDT)	I/P tolerance differs	SN74LVCR16245ADGGR		S	TSSOP	48
IDT74LVCR162245APA8	Integrated Device Technology (IDT)		SN74LVCR16245ADGGR		S	TSSOP	48
IDT74LVCR162245APF	Integrated Device Technology (IDT)	I/P tolerance, Vs differ	SN74LVCR16245ADGVR		S	TVSOP	48
IDT74LVCR162245APF8	Integrated Device Technology (IDT)		SN74LVCR16245ADGVR		S	TVSOP	48
IDT74LVCR162245APV	Integrated Device Technology (IDT)		SN74LVCR16245ADL		S	SSOP	48
IDT74LVCR162245APV8	Integrated Device Technology (IDT)		SN74LVCR16245ADL		S	SSOP	48
IDT74LVCR2245APG	Integrated Device Technology (IDT)	Discontinued PDN L-04-01R1, 04/26/2004	SN74LVCR2245APW		S	TSSOP	20
IDT74LVCR2245APG8	Integrated Device Technology (IDT)	Discontinued PDN L-04-01R1, 04/26/2004	SN74LVCR2245APWR		S	TSSOP	20
IDT74LVCR2245APY	Integrated Device Technology (IDT)	Vs differs	SN74LVCR2245ADBR		S	SSOP	20
IDT74LVCR2245APY8	Integrated Device Technology (IDT)	Vs differs	SN74LVCR2245ADBR		S	SSOP	20
IDT74LVCR2245APY8	Integrated Device Technology (IDT)	Discontinued PDN L-04-01R1, 04/26/2004	SN74LVCR2245ADBR		S	SSOP	20
IDT74LVCR2245AQ	Integrated Device Technology (IDT)	Discontinued PDN L-04-01R1, 04/26/2004	SN74LVCR2245ADBQR		S	SSOP/QSOP	20
IDT74LVCR2245AQ8	Integrated Device Technology (IDT)	Discontinued PDN L-04-01R1, 04/26/2004	SN74LVCR2245ADBQR		S	SSOP/QSOP	20
IDT74LVCR2245ASO	Integrated Device Technology (IDT)	Discontinued PDN L-04-01R1, 04/26/2004	SN74LVCR2245ADW		S	SOIC	20
IDT74LVCR2245ASO8	Integrated Device Technology (IDT)	Discontinued PDN L-04-01R1, 04/26/2004	SN74LVCR2245ADWR		S	SOIC	20
IDT74LVCU04ADC	Integrated Device Technology (IDT)		SN74LVCU04AD		S	SOIC	14
IDTQS3125Q	Integrated Device Technology (IDT)		SN74CBT3125DBQR		S	QSOP	16
IDTQS3125Q8	Integrated Device Technology (IDT)		SN74CBT3125DBQR		S	SSOP/QSOP	16
IDTQS3125S1	Integrated Device Technology (IDT)		SN74CBT3125D		S	SOIC	14
IDTQS3125S18	Integrated Device Technology (IDT)		SN74CBT3125DR		S	SOIC	14
IDTQS3126Q	Integrated Device Technology (IDT)		SN74CBT3126DBQR		S	QSOP	16
IDTQS3126Q8	Integrated Device Technology (IDT)		SN74CBT3126DBQR		S	SSOP/QSOP	16
IDTQS3126S1	Integrated Device Technology (IDT)		SN74CBT3126D		S	SOIC	14
IDTQS3126S18	Integrated Device Technology (IDT)		SN74CBT3126DR		S	SOIC	14
IDTQS316209PA	Integrated Device Technology (IDT)		SN74CBT16209ADGGR		S	TSSOP	48
IDTQS316209PA8	Integrated Device Technology (IDT)	Discontinued PDN Logic 01-03, 01/28/2001	SN74CBT16209ADGGR		S	TSSOP	48
IDTQS316209PV	Integrated Device Technology (IDT)	Discontinued PDN Logic 01-03, 01/28/2001	SN74CBT16209ADL		S	SSOP	48
IDTQS316209PV8	Integrated Device Technology (IDT)	Discontinued PDN Logic 01-03, 01/28/2001	SN74CBT16209ADL		S	SSOP	48
IDTQS316211PA	Integrated Device Technology (IDT)		SN74CBT16211ADGGR		S	TSSOP	56
IDTQS316211PA8	Integrated Device Technology (IDT)		SN74CBT16211ADGGR		S	TSSOP	56
IDTQS316211PV	Integrated Device Technology (IDT)		SN74CBT16211ADL		S	SSOP	56
IDTQS316211PV8	Integrated Device Technology (IDT)		SN74CBT16211ADL		S	SSOP	56
IDTQS316212PA	Integrated Device Technology (IDT)		SN74CBT16212ADGGR		S	TSSOP	56
IDTQS316212PA8	Integrated Device Technology (IDT)		SN74CBT16212ADGGR		S	TSSOP	56
IDTQS316212PV	Integrated Device Technology (IDT)		SN74CBT16212ADL		S	SSOP	56
IDTQS316212PV8	Integrated Device Technology (IDT)		SN74CBT16212ADL		S	SSOP	56
IDTQS316213PA	Integrated Device Technology (IDT)		SN74CBT16213DGGR		S	TSSOP	56
IDTQS316213PV	Integrated Device Technology (IDT)		SN74CBT16212ADL		S	SSOP	56
IDTQS316213PV	Integrated Device Technology (IDT)		SN74CBT16213DL		S	SSOP	56
IDTQS316214PA	Integrated Device Technology (IDT)		SN74CBT16214CDGGR		S	TSSOP	56
IDTQS316214PA8	Integrated Device Technology (IDT)	Discontinued PDN L-02-03, 10/28/2002	SN74CBT16214CDGGR		S	TSSOP	56
IDTQS316214PV	Integrated Device Technology (IDT)	Discontinued PDN L-02-03, 10/28/2002	SN74CBT16214CDL		S	SSOP	56
IDTQS316214PV8	Integrated Device Technology (IDT)	Discontinued PDN L-02-03, 10/28/2002	SN74CBT16214CDL		S	SSOP	56
IDTQS316233PA	Integrated Device Technology (IDT)		SN74CBT16233DGGR		S	TSSOP	56
IDTQS316233PV	Integrated Device Technology (IDT)		SN74CBT16233D		S	SSOP	56
IDTQS316292PA	Integrated Device Technology (IDT)		SN74CBT16292DGGR		S	TSSOP	56
IDTQS316292PA8	Integrated Device Technology (IDT)	Discontinued PDN Logic 01-03, 01/28/2001	SN74CBT16292DGGR		S	TSSOP	56
IDTQS316292PV	Integrated Device Technology (IDT)	Discontinued PDN Logic 01-03, 01/28/2001	SN74CBT16292DL		S	SSOP	56
IDTQS316292PV8	Integrated Device Technology (IDT)	Discontinued PDN Logic 01-03, 01/28/2001	SN74CBT16292DL		S	SSOP	56
IDTQS3244PA	Integrated Device Technology (IDT)		SN74CBT3244PW		S	TSSOP	20
IDTQS3244PA8	Integrated Device Technology (IDT)		SN74CBT3244PW		S	TSSOP	20
IDTQS3244Q	Integrated Device Technology (IDT)		SN74CBT3244DBQR		S	QSOP	20
IDTQS3244Q8	Integrated Device Technology (IDT)		SN74CBT3244DBQR		S	SSOP/QSOP	20
IDTQS3244SO	Integrated Device Technology (IDT)		SN74CBT3244DW		S	SOIC	20
IDTQS3244SO8	Integrated Device Technology (IDT)		SN74CBT3244DWR		S	SOIC	20
IDTQS3245PA	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3245APW		S	TSSOP	20
IDTQS3245PA8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3245APWR		S	TSSOP	20
IDTQS3245Q	Integrated Device Technology (IDT)		SN74CBT3245ADBQR		S	QSOP	20

IDT74LVCHR162245APAG8 — IDTQS3245Q

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
IDTQS3245Q8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3245ADBQR		S	SSOP/QSOP	20
IDTQS3245SO	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3245ADW		S	SOIC	20
IDTQS3245SO8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3245ADWR		S	SOIC	20
IDTQS3251Q	Integrated Device Technology (IDT)	tpd differs	SN74CBT3251DBQR		S	QSOP	16
IDTQS3251Q8	Integrated Device Technology (IDT)		SN74CBT3251DBQR		S	SSOP/QSOP	16
IDTQS3251S1	Integrated Device Technology (IDT)		SN74CBT3257CD		S	SOIC	16
IDTQS3251S18	Integrated Device Technology (IDT)		SN74CBT3251DR		S	SOIC	16
IDTQS3253Q	Integrated Device Technology (IDT)		SN74CBT3253CDBQR		S	SSOP/QSOP	16
IDTQS3253Q8	Integrated Device Technology (IDT)		SN74CBT3253CDBQR		S	SSOP/QSOP	16
IDTQS3253S1	Integrated Device Technology (IDT)		SN74CBT3253CD		S	SOIC	16
IDTQS3253S18	Integrated Device Technology (IDT)		SN74CBT3253CDR		S	SOIC	16
IDTQS3253SO	Integrated Device Technology (IDT)	tpd differs	SN74CBT3253CD		S	SOIC	16
IDTQS3253SO8	Integrated Device Technology (IDT)	tpd differs	SN74CBT3253CDR		S	SOIC	16
IDTQS3257Q	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3257CDBQR		S	SSOP/QSOP	16
IDTQS3257Q8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3257CDBQR		S	SSOP/QSOP	16
IDTQS3257S1	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3257CD		S	SOIC	16
IDTQS3257S18	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3257CDR		S	SOIC	16
IDTQS3306APA	Integrated Device Technology (IDT)		SN74CBT3306PW		S	TSSOP	8
IDTQS3306AS1	Integrated Device Technology (IDT)		SN74CBT3306D		S	SOIC	8
IDTQS3306AS18	Integrated Device Technology (IDT)		SN74CBT3306DR		S	SOIC	8
IDTQS3383Q	Integrated Device Technology (IDT)		SN74CBT3383DBQR		S	QSOP	24
IDTQS3383Q8	Integrated Device Technology (IDT)		SN74CBT3383DBQR		S	SSOP/QSOP	24
IDTQS3383SO	Integrated Device Technology (IDT)		SN74CBT3383DW		S	SOIC	24
IDTQS3383SO8	Integrated Device Technology (IDT)		SN74CBT3383DWR		S	SOIC	24
IDTQS3384PA	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3384APW		S	TSSOP	24
IDTQS3384PA8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3384APWR		S	TSSOP	24
IDTQS3384Q	Integrated Device Technology (IDT)		SN74CBT3384ADBQR		S	QSOP	24
IDTQS3384Q8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3384ADBQR		S	SSOP/QSOP	24
IDTQS3384SO	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3384ADW		S	SOIC	24
IDTQS3384SO8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3384ADWR		S	SOIC	24
IDTQS3800PA	Integrated Device Technology (IDT)	tpd differs	SN74CBT6800APWR		S	TSSOP	24
IDTQS3800Q	Integrated Device Technology (IDT)	tpd differs	SN74CBT6800ADBQR		S	QSOP	24
IDTQS3800Q8	Integrated Device Technology (IDT)		SN74CBT6800ADBQR		S	SSOP/QSOP	24
IDTQS3800SO	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74CBT6800ADW		S	SOIC	24
IDTQS3800SO8	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74CBT6800ADW		S	SOIC	24
IDTQS3861PA	Integrated Device Technology (IDT)		SN74CBT3861PWR		S	TSSOP	24
IDTQS3861PA8	Integrated Device Technology (IDT)		SN74CBT3861PWR		S	TSSOP	24
IDTQS3861Q	Integrated Device Technology (IDT)		SN74CBT3861DBQR		S	QSOP	24
IDTQS3861Q8	Integrated Device Technology (IDT)		SN74CBT3861DBQR		S	SSOP/QSOP	24
IDTQS3861QX	Integrated Device Technology (IDT)		SN74CBT3861DBQR		S	SSOP/QSOP	24
IDTQS3861SO	Integrated Device Technology (IDT)		SN74CBT3861DW		S	SOIC	24
IDTQS3861SO8	Integrated Device Technology (IDT)		SN74CBT3861DWR		S	SOIC	24
IDTQS3L383Q	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CBT3383CDBQR		S	SSOP/QSOP	24
IDTQS3L383Q	Integrated Device Technology (IDT)	tpd differs	SN74CBT3383CDBQR		S	QSOP	24
IDTQS3L383Q8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CBT3383CDBQR		S	SSOP/QSOP	24
IDTQS3L383SO	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74CBT3383CDW		S	SOIC	24
IDTQS3L383SO8	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74CBT3383CDWR		S	SOIC	24
IDTQS3L384PA	Integrated Device Technology (IDT)		SN74CBT3384APW		S	TSSOP	24
IDTQS3L384PA8	Integrated Device Technology (IDT)		SN74CBT3384APWR		S	TSSOP	24
IDTQS3L384Q	Integrated Device Technology (IDT)		SN74CBT3384ADBQR		S	QSOP	24
IDTQS3L384Q8	Integrated Device Technology (IDT)		SN74CBT3384ADBQR		S	SSOP/QSOP	24
IDTQS3L384QG	Integrated Device Technology (IDT)		SN74CBT3384ADBQR		S	QSOP	24
IDTQS3L384QG8	Integrated Device Technology (IDT)	Green	SN74CBT3384ADBQR		S	SSOP/QSOP	24
IDTQS3L384SO	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74CBT3384ADW		S	SOIC	24
IDTQS3L384SO8	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74CBT3384ADWR		S	SOIC	24
IDTQS3VH125PA	Integrated Device Technology (IDT)	Discontinued, L-05-01, 01/31/2005	SN74CB3Q3125PW		S	TSSOP	14
IDTQS3VH125PA8	Integrated Device Technology (IDT)	Discontinued, L-05-01, 01/31/2005	SN74CB3Q3125PWR		S	TSSOP	14
IDTQS3VH125Q	Integrated Device Technology (IDT)		SN74CB3Q3125DBQR		S	QSOP	16
IDTQS3VH125Q8	Integrated Device Technology (IDT)		SN74CB3Q3125DBQR		S	SSOP/QSOP	16
IDTQS3VH125QG	Integrated Device Technology (IDT)	Green	SN74CB3Q3125DBQR		S	SSOP/QSOP	16
IDTQS3VH125QG8	Integrated Device Technology (IDT)	Green	SN74CB3Q3125DBQR		S	SSOP/QSOP	16
IDTQS3VH16210PA	Integrated Device Technology (IDT)		SN74CB3Q16210DGG		S	TSSOP	48
IDTQS3VH16210PA8	Integrated Device Technology (IDT)		SN74CB3Q16210DGG		S	TSSOP	48
IDTQS3VH16210PAG	Integrated Device Technology (IDT)	Green	SN74CB3Q16210DGG		S	TSSOP	48

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
IDTQS3VH16210PAG8	Integrated Device Technology (IDT)	Green	SN74CB3Q16210DGGR		S	TSSOP	48
IDTQS3VH16210PV	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CB3Q16210DL		S	SSOP	48
IDTQS3VH16210PV8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CB3Q16210DLR		S	SSOP	48
IDTQS3VH16211PA	Integrated Device Technology (IDT)		SN74CB3Q16211DGGR		S	TSSOP	56
IDTQS3VH16211PA8	Integrated Device Technology (IDT)		SN74CB3Q16211DGGR		S	TSSOP	56
IDTQS3VH16211PAG	Integrated Device Technology (IDT)	tpd differs	SN74CB3Q16211DGGR		S	TSSOP	56
IDTQS3VH16211PAG8	Integrated Device Technology (IDT)	Green	SN74CB3Q16211DGGR		S	TSSOP	56
IDTQS3VH16211PV	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CB3Q16211DL		S	SSOP	56
IDTQS3VH16211PV8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CB3Q16211DLR		S	SSOP	56
IDTQS3VH16244PA8	Integrated Device Technology (IDT)		SN74CB3Q16244DGGR		S	TSSOP	48
IDTQS3VH16244PAG8	Integrated Device Technology (IDT)	Green	SN74CB3Q16244DGGR		S	TSSOP	48
IDTQS3VH16244PV	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CB3Q16244DL		S	SSOP	48
IDTQS3VH16244PV8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CB3Q16244DLR		S	SSOP	48
IDTQS3VH16245PA	Integrated Device Technology (IDT)	tpd differs	SN74CB3Q16245DGGR		S	TSSOP	48
IDTQS3VH16245PA8	Integrated Device Technology (IDT)		SN74CB3Q16245DGGR		S	TSSOP	48
IDTQS3VH16245PAG	Integrated Device Technology (IDT)		SN74CB3Q16245DGGR		S	TSSOP	48
IDTQS3VH16245PAG8	Integrated Device Technology (IDT)		SN74CB3Q16245DGGR		S	TSSOP	48
IDTQS3VH16245PV	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CB3Q16245DL		S	SSOP	48
IDTQS3VH16245PV8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CB3Q16245DLR		S	SSOP	48
IDTQS3VH244PA	Integrated Device Technology (IDT)		SN74CB3Q3244PW		S	TSSOP	20
IDTQS3VH244PA8	Integrated Device Technology (IDT)		SN74CB3Q3244PWR		S	TSSOP	20
IDTQS3VH244PAG	Integrated Device Technology (IDT)	Green	SN74CB3Q3244PW		S	TSSOP	20
IDTQS3VH244PAG8	Integrated Device Technology (IDT)	Green	SN74CB3Q3244PWR		S	TSSOP	20
IDTQS3VH244Q	Integrated Device Technology (IDT)		SN74CB3Q3244DBQR		S	QSOP	20
IDTQS3VH244Q8	Integrated Device Technology (IDT)		SN74CB3Q3244DBQR		S	SSOP/QSOP	20
IDTQS3VH244QG	Integrated Device Technology (IDT)	Green	SN74CB3Q3244DBQR		S	QSOP	20
IDTQS3VH244QG8	Integrated Device Technology (IDT)	Green	SN74CB3Q3244DBQR		S	SSOP/QSOP	20
IDTQS3VH245PA	Integrated Device Technology (IDT)		SN74CB3Q3245PW		S	TSSOP	20
IDTQS3VH245PA8	Integrated Device Technology (IDT)		SN74CB3Q3245PWR		S	TSSOP	20
IDTQS3VH245PAG	Integrated Device Technology (IDT)	Green	SN74CB3Q3245PW		S	TSSOP	20
IDTQS3VH245PAG8	Integrated Device Technology (IDT)	Green	SN74CB3Q3245PWR		S	TSSOP	20
IDTQS3VH245Q	Integrated Device Technology (IDT)		SN74CB3Q3245DBQR		S	QSOP	20
IDTQS3VH245Q8	Integrated Device Technology (IDT)		SN74CB3Q3245DBQR		S	SSOP/QSOP	20
IDTQS3VH251PA	Integrated Device Technology (IDT)		SN74CB3Q3251PW		S	TSSOP	16
IDTQS3VH251PA8	Integrated Device Technology (IDT)		SN74CB3Q3251PWR		S	TSSOP	16
IDTQS3VH251Q	Integrated Device Technology (IDT)		SN74CB3Q3251DBQR		S	QSOP	16
IDTQS3VH251Q8	Integrated Device Technology (IDT)		SN74CB3Q3251DBQR		S	SSOP/QSOP	16
IDTQS3VH251QG	Integrated Device Technology (IDT)		SN74CB3Q3251DBQR		S	QSOP	16
IDTQS3VH251QG8	Integrated Device Technology (IDT)	Green	SN74CB3Q3251DBQR		S	SSOP/QSOP	16
IDTQS3VH253PA	Integrated Device Technology (IDT)		SN74CB3Q3253PW		S	TSSOP	16
IDTQS3VH253PA8	Integrated Device Technology (IDT)		SN74CB3Q3253PWR		S	TSSOP	16
IDTQS3VH253PAG	Integrated Device Technology (IDT)	Green	SN74CB3Q3253PW		S	TSSOP	16
IDTQS3VH253PAG8	Integrated Device Technology (IDT)	Green	SN74CB3Q3253PWR		S	TSSOP	16
IDTQS3VH253Q	Integrated Device Technology (IDT)		SN74CB3Q3253DBQR		S	QSOP	16
IDTQS3VH253Q8	Integrated Device Technology (IDT)		SN74CB3Q3253DBQR		S	SSOP/QSOP	16
IDTQS3VH253QG	Integrated Device Technology (IDT)	Green	SN74CB3Q3253DBQR		S	QSOP	16
IDTQS3VH253QG8	Integrated Device Technology (IDT)	Green	SN74CB3Q3253DBQR		S	SSOP/QSOP	16
IDTQS3VH257PA	Integrated Device Technology (IDT)		SN74CB3Q3257PW		S	TSSOP	16
IDTQS3VH257PA8	Integrated Device Technology (IDT)		SN74CB3Q3257PWR		S	TSSOP	16
IDTQS3VH257Q	Integrated Device Technology (IDT)		SN74CB3Q3257DBQR		S	QSOP	16
IDTQS3VH257Q8	Integrated Device Technology (IDT)		SN74CB3Q3257DBQR		S	SSOP/QSOP	16
IDTQS3VH257QG	Integrated Device Technology (IDT)		SN74CB3Q3257DBQR		S	QSOP	16
IDTQS3VH257QG8	Integrated Device Technology (IDT)	Green	SN74CB3Q3257DBQR		S	SSOP/QSOP	16
IDTQS3VH384PA	Integrated Device Technology (IDT)		SN74CB3Q3384APW		S	TSSOP	24
IDTQS3VH384PA8	Integrated Device Technology (IDT)		SN74CB3Q3384APWR		S	TSSOP	24
IDTQS3VH384PAG	Integrated Device Technology (IDT)	Green	SN74CB3Q3384APW		S	TSSOP	24
IDTQS3VH384PAG8	Integrated Device Technology (IDT)	Green	SN74CB3Q3384APWR		S	TSSOP	24
IDTQS3VH384Q	Integrated Device Technology (IDT)		SN74CB3Q3384ADBQR		S	QSOP	24
IDTQS3VH384Q8	Integrated Device Technology (IDT)		SN74CB3Q3384ADBQR		S	SSOP/QSOP	24
IDTQS3VH800PA	Integrated Device Technology (IDT)		SN74CB3Q6800PW		S	TSSOP	24
IDTQS3VH800PA8	Integrated Device Technology (IDT)		SN74CB3Q6800PWR		S	TSSOP	24
IDTQS3VH800PAG	Integrated Device Technology (IDT)	Green	SN74CB3Q6800PW		S	TSSOP	24
IDTQS3VH800PAG8	Integrated Device Technology (IDT)	Green	SN74CB3Q6800PWR		S	TSSOP	24
IDTQS3VH800Q	Integrated Device Technology (IDT)		SN74CB3Q6800DBQR		S	SSOP/QSOP	24

IDTQS3VH16210PAG8 — IDTQS3VH800Q

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
IDTQS74FCT2257CTSO	Integrated Device Technology (IDT)		CY74FCT157CTSOC		S	SOIC	16
IDTQS74FCT2257CTSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257CTSOC		S	SOIC	16
IDTQS74FCT2257CTSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT157ATSOCT		S	SOIC	16
IDTQS74FCT2257CTSO8	Integrated Device Technology (IDT)		CY74FCT157CTSOCT		S	SOIC	16
IDTQS74FCT2257CTSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257CTSOCT		S	SOIC	16
IDTQS74FCT2257TQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT157ATQCT		S	QSOP	16
IDTQS74FCT2257TQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT157CTQCT		S	QSOP	16
IDTQS74FCT2257TQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257ATQCT		S	QSOP	16
IDTQS74FCT2257TQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257CTQCT		S	QSOP	16
IDTQS74FCT2257TQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT157ATQCT		S	QSOP	16
IDTQS74FCT2257TQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT157CTQCT		S	QSOP	16
IDTQS74FCT2257TQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257ATQCT		S	QSOP	16
IDTQS74FCT2257TQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257CTQCT		S	QSOP	16
IDTQS74FCT2257TS1	Integrated Device Technology (IDT)		CY74FCT257ATD	No series resistors, D package only available with FCT257T	Q	SOIC	16
IDTQS74FCT2257TS1	Integrated Device Technology (IDT)		CY74FCT257CTD	No series resistors, D package only available with FCT257T	Q	SOIC	16
IDTQS74FCT2257TS18	Integrated Device Technology (IDT)	tpd differs	CY74FCT257ATDR	Substitute non-resistor part type for available package, Substitute A speed	Q	SOIC	16
IDTQS74FCT2257TSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT157ATSOC		S	SOIC	16
IDTQS74FCT2257TSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT157CTSOC		S	SOIC	16
IDTQS74FCT2257TSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257CTSOC		S	SOIC	16
IDTQS74FCT2257TSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2257CTSOCT		S	SOIC	16
IDTQS74FCT2373ATSO	Integrated Device Technology (IDT)		CY74FCT373ATSOC		S	SOIC	20
IDTQS74FCT2373CTSO	Integrated Device Technology (IDT)		CY74FCT2373CTSOC		S	SOIC	20
IDTQS74FCT2373CTSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT373CTSOC		S	SOIC	20
IDTQS74FCT2373TQ	Integrated Device Technology (IDT)		CY74FCT373TSOC		S	SOIC	20
IDTQS74FCT2374ATSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2374TSOCT		S	SOIC	20
IDTQS74FCT2374CTSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2374TSOCT		S	SOIC	20
IDTQS74FCT2374TSO8	Integrated Device Technology (IDT)		CY74FCT2374TSOCT		S	SOIC	20
IDTQS74FCT2374TSO8	Integrated Device Technology (IDT)		CY74FCT374TSOCT		S	SOIC	20
IDTQS74FCT2541ATQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT2541ATQCT		S	QSOP	20
IDTQS74FCT2541ATQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT540CTQCT	Substitute C speed	S	QSOP	20
IDTQS74FCT2541ATSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT541ATSOCT		S	SOIC	20
IDTQS74FCT2541ATSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT541ATSOCT		S	SOIC	20
IDTQS74FCT2541CTQ	Integrated Device Technology (IDT)		CY74FCT2541CTQCT		S	QSOP	20
IDTQS74FCT2541CTQ	Integrated Device Technology (IDT)		CY74FCT540CTQCT		S	QSOP	20
IDTQS74FCT2541CTSO	Integrated Device Technology (IDT)		CY74FCT541CTSOC		S	SOIC	20
IDTQS74FCT2541CTSO8	Integrated Device Technology (IDT)		CY74FCT541CTSOCT		S	SOIC	20
IDTQS74FCT2541TQ	Integrated Device Technology (IDT)		CY74FCT2541TQCT		S	QSOP	20
IDTQS74FCT2541TQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT540CTQCT		S	QSOP	20
IDTQS74FCT2541TQ8	Integrated Device Technology (IDT)		CY74FCT541TQCT		S	QSOP	20
IDTQS74FCT2573ATSO	Integrated Device Technology (IDT)		CY74FCT573ATSOC		S	SOIC	20
IDTQS74FCT2573CTSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT2573CTSOC		S	SOIC	20
IDTQS74FCT2573CTSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT573CTSOCT		S	SOIC	20
IDTQS74FCT2573TQ	Integrated Device Technology (IDT)		CY74FCT2573TQCT		S	SOIC	20
IDTQS74FCT2573TQ	Integrated Device Technology (IDT)		CY74FCT573TQCT		S	SOIC	20
IDTQS74FCT2574ATSO	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	CY74FCT2574ATSOC		S	SOIC	20
IDTQS74FCT2574ATSO8	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	CY74FCT2574ATSOCT		S	SOIC	20
IDTQS74FCT2574CTSO	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	CY74FCT2574CTSOC		S	SOIC	20
IDTQS74FCT2574CTSO8	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	CY74FCT2574CTSOCT		S	SOIC	20
IDTQS74FCT2574TQ	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	CY74FCT2574TSOC		S	SOIC	20
IDTQS74FCT2574TQ8	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	CY74FCT2574TSOCT		S	SOIC	20
IDTQS74FCT2827ATQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT2827ATQCT		S	QSOP	24
IDTQS74FCT2827ATQ	Integrated Device Technology (IDT)		CY74FCT827ATQCT		S	QSOP	24
IDTQS74FCT2827ATQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2827CTQCT		S	QSOP	24
IDTQS74FCT2827ATQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT827ATQCT		S	QSOP	24
IDTQS74FCT2827ATSO	Integrated Device Technology (IDT)		CY74FCT827ATSOC		S	SOIC	24
IDTQS74FCT2827ATSO8	Integrated Device Technology (IDT)		CY74FCT827ATSOCT		S	SOIC	24
IDTQS74FCT2827BTQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT2827CTQCT	Substitute C speed	S	QSOP	24
IDTQS74FCT2827BTQ	Integrated Device Technology (IDT)	tpd differs	CY74FCT827CTQCT	Substitute C speed	S	QSOP	24
IDTQS74FCT2827BTQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT2827CTQCT		S	QSOP	24
IDTQS74FCT2827BTQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT827ATQCT		S	QSOP	24
IDTQS74FCT2827BTQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT827CTQCT		S	QSOP	24

IDTQS74FCT2257CTSO — IDTQS74FCT2827BTQ8

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
IDTQS74FCT2827BTSO	Integrated Device Technology (IDT)	tpd differs	CY74FCT827CTSOC	Substitute C speed	S	SOIC	24
IDTQS74FCT2827BTSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT827ATSOC		S	SOIC	24
IDTQS74FCT2827CTQ	Integrated Device Technology (IDT)		CY74FCT2827CTQCT		S	QSOP	24
IDTQS74FCT2827CTQ	Integrated Device Technology (IDT)		CY74FCT827CTQCT		S	QSOP	24
IDTQS74FCT2827CTQ8	Integrated Device Technology (IDT)		CY74FCT2827CTQCT		S	QSOP	24
IDTQS74FCT2827CTQ8	Integrated Device Technology (IDT)	tpd differs	CY74FCT827ATQCT		S	QSOP	24
IDTQS74FCT2827CTQ8	Integrated Device Technology (IDT)		CY74FCT827CTQCT		S	QSOP	24
IDTQS74FCT2827CTSO	Integrated Device Technology (IDT)		CY74FCT827CTSOC		S	SOIC	24
IDTQS74FCT2827CTSO8	Integrated Device Technology (IDT)	tpd differs	CY74FCT827ATSOC		S	SOIC	24
IDTQS74FCT2841ATSO	Integrated Device Technology (IDT)		CY74FCT841ATSOC		S	SOIC	24
IDTQS74FCT2841CTSO	Integrated Device Technology (IDT)		CY74FCT841CTSOC		S	SOIC	24
ISL83386EIV	Intersil		MAX3386EIPW		S	TSSOP	20
ISL83386EIV-T	Intersil		MAX3386EIPWR		S	TSSOP	20
ISL83386EIVZ	Intersil	Pb-Free	MAX3386EIPW		S	TSSOP	20
ISL83386EIVZ-T	Intersil	Pb-Free	MAX3386EIPWR		S	TSSOP	20
KA1458	Fairchild Semiconductor		MC1458P		S	PDIP	8
KA1458D	Fairchild Semiconductor		MC1458D		S	SOIC	8
KA1458DTF	Fairchild Semiconductor	Pb-Free	MC1458DR		S	SOIC	8
KA224	Fairchild Semiconductor		LM224N		S	PDIP	14
KA224A	Fairchild Semiconductor		LM224AN		S	PDIP	14
KA224AD	Fairchild Semiconductor		LM224AD		S	SOIC	14
KA224ADTF	Fairchild Semiconductor	Pb-Free	LM224ADR		S	SOIC	14
KA224D	Fairchild Semiconductor		LM224D		S	SOIC	14
KA224DTF	Fairchild Semiconductor	Pb-Free	LM224DR		S	SOIC	14
KA239	Fairchild Semiconductor		LM239N		S	PDIP	14
KA239AD	Fairchild Semiconductor		LM239AD		S	SOIC	14
KA239ADTF	Fairchild Semiconductor	Pb-Free	LM239ADR		S	SOIC	14
KA239D	Fairchild Semiconductor		LM239D		S	SOIC	14
KA239DTF	Fairchild Semiconductor	Pb-Free	LM239DR		S	SOIC	14
KA248	Fairchild Semiconductor		LM248N		S	PDIP	14
KA248D	Fairchild Semiconductor		LM248D		S	SOIC	14
KA248DTF	Fairchild Semiconductor	Pb-Free	LM248DR		S	SOIC	14
KA258	Fairchild Semiconductor		LM258P		S	PDIP	8
KA258A	Fairchild Semiconductor		LM258AP		S	PDIP	8
KA258AD	Fairchild Semiconductor		LM258AD		S	SOIC	8
KA258ADTF	Fairchild Semiconductor	Pb-Free	LM258ADR		S	SOIC	8
KA258D	Fairchild Semiconductor		LM258D		S	SOIC	8
KA258DTF	Fairchild Semiconductor	Pb-Free	LM258DR		S	SOIC	8
KA2901	Fairchild Semiconductor	Discontinued	LM2901N		S	PDIP	14
KA2901D	Fairchild Semiconductor	Discontinued	LM2901D		S	SOIC	14
KA2901DMTF	Fairchild Semiconductor	Pb-Free	LM2901DR		S	SOIC	14
KA2901DTF	Fairchild Semiconductor	Pb-Free	LM2901DR		S	SOIC	14
KA2902	Fairchild Semiconductor		LM2902N		S	PDIP	14
KA2902D	Fairchild Semiconductor		LM2902D		S	SOIC	14
KA2902DMTF	Fairchild Semiconductor	Pb-Free	LM2902DR		S	SOIC	14
KA2902DTF	Fairchild Semiconductor	Pb-Free	LM2902DR		S	SOIC	14
KA2902M	Fairchild Semiconductor		LM2902D		S	SOIC	14
KA2903	Fairchild Semiconductor		LM2903P		S	PDIP	8
KA2903D	Fairchild Semiconductor		LM2903D		S	SOIC	8
KA2903DMTF	Fairchild Semiconductor	Pb-Free	LM2903DR		S	SOIC	8
KA2903DTF	Fairchild Semiconductor	Pb-Free	LM2903DR		S	SOIC	8
KA2903M	Fairchild Semiconductor		LM2903P		S	PDIP	8
KA2904	Fairchild Semiconductor	Pb-Free	LM2904P		S	PDIP	8
KA2904D	Fairchild Semiconductor	Pb-Free	LM2904D		S	SOIC	8
KA2904DMTF	Fairchild Semiconductor	Pb-Free	LM2904DR		S	SOIC	8
KA2904DTF	Fairchild Semiconductor	Pb-Free	LM2904DR		S	SOIC	8
KA311	Fairchild Semiconductor		LM311P		S	PDIP	8
KA311D	Fairchild Semiconductor		LM311D		S	SOIC	8
KA311DTF	Fairchild Semiconductor	Pb-Free	LM311DR		S	SOIC	8
KA317	Fairchild Semiconductor		LM317KCS		S	TO-220	3
KA317LZ	Fairchild Semiconductor	Vin, Vout differ	TL317CLPR		Q	TO-92	3
KA317LZ	Fairchild Semiconductor	Vin, Vout differ	TL317CLPRE3		Q	TO-92	3
KA317LZBU	Fairchild Semiconductor	Pb-Free	TL317CLP		S	TO-92/TO-226	3
KA317LZBU	Fairchild Semiconductor	Vin, Vout differ	TL317CLPE3		Q	TO-92	3

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
KA317LZTA	Fairchild Semiconductor	Vin, Vout differ	TL317CLPR	Not available in magazine, use tubed	Q	TO-92	3
KA317LZTA	Fairchild Semiconductor	Vin, Vout differ	TL317CLPRE3		Q	TO-92	3
KA317LZTZ	Fairchild Semiconductor		TL317CLPR		S	TO-92/TO-226	3
KA317MRTF	Fairchild Semiconductor		LM317MKVURG3		S	TO-252/DPAK	2
KA317MRTM	Fairchild Semiconductor		LM317MKVURG3		S	TO-252/DPAK	2
KA317TU	Fairchild Semiconductor		LM317KCS		S	TO-220	3
KA324	Fairchild Semiconductor		LM324N		S	PDIP	14
KA324A	Fairchild Semiconductor		LM324AN		S	PDIP	14
KA324AD	Fairchild Semiconductor		LM324AD		S	SOIC	14
KA324ADTF	Fairchild Semiconductor	Pb-Free	LM324ADR		S	SOIC	14
KA324D	Fairchild Semiconductor		LM324D		S	SOIC	14
KA324DTF	Fairchild Semiconductor	Pb-Free	LM324DR		S	SOIC	14
KA3302	Fairchild Semiconductor		LM3302N		S	PDIP	14
KA3302D	Fairchild Semiconductor		LM3302D		S	SOIC	14
KA3302DTF	Fairchild Semiconductor	Pb-Free	LM3302DR		S	SOIC	14
KA3303	Fairchild Semiconductor		MC3303N		S	PDIP	14
KA3303D	Fairchild Semiconductor		MC3303D		S	SOIC	14
KA337	Fairchild Semiconductor		LM337KC		S	TO-220	3
KA337	Fairchild Semiconductor		LM337KCE3		S	TO-220	3
KA337TU	Fairchild Semiconductor		LM337KC		S	TO-220	3
KA337TU	Fairchild Semiconductor		LM337KCE3		S	TO-220	3
KA339	Fairchild Semiconductor		LM339N		S	PDIP	14
KA339A	Fairchild Semiconductor		LM339AN		S	PDIP	14
KA339AD	Fairchild Semiconductor		LM339AD		S	SOIC	14
KA339ADTF	Fairchild Semiconductor	Pb-Free	LM339ADR		S	SOIC	14
KA339D	Fairchild Semiconductor		LM339D		S	SOIC	14
KA339DTF	Fairchild Semiconductor	Pb-Free	LM339DR		S	SOIC	14
KA3403	Fairchild Semiconductor		MC3403N		S	PDIP	14
KA3403D	Fairchild Semiconductor		MC3403D		S	SOIC	14
KA3403DTF	Fairchild Semiconductor	Pb-Free	MC3403DR		S	SOIC	14
KA34063A	Fairchild Semiconductor	Pb-Free	MC34063AP		S	PDIP	8
KA34063AD	Fairchild Semiconductor	Pb-Free	MC34063AD		S	SOIC	8
KA34063ADSTF	Fairchild Semiconductor	NRND, Pb-Free	MC34063ADR		S	SOIC	8
KA34063ADTF	Fairchild Semiconductor	Pb-Free	MC34063ADR		S	SOIC	8
KA348	Fairchild Semiconductor		LM348N		S	PDIP	14
KA348D	Fairchild Semiconductor		LM348D		S	SOIC	14
KA348DTF	Fairchild Semiconductor	Pb-Free	LM348DR		S	SOIC	14
KA3524	Fairchild Semiconductor		SG3524N		S	PDIP	16
KA358	Fairchild Semiconductor		LM358P		S	PDIP	8
KA358A	Fairchild Semiconductor		LM358AP		S	PDIP	8
KA358AD	Fairchild Semiconductor		LM358AD		S	SOIC	8
KA358ADTF	Fairchild Semiconductor	Pb-Free	LM358ADR		S	SOIC	8
KA358D	Fairchild Semiconductor		LM358D		S	SOIC	8
KA358DTF	Fairchild Semiconductor	Pb-Free	LM358DR		S	SOIC	8
KA3842B	Fairchild Semiconductor		TL3842BP		S	PDIP	8
KA3842BD	Fairchild Semiconductor		TL3842BD		S	SOIC	14
KA3842BDTF	Fairchild Semiconductor		TL3842BDR		S	SOIC	14
KA3843B	Fairchild Semiconductor		TL3843BP		S	PDIP	8
KA3843BD	Fairchild Semiconductor		TL3843BD		S	SOIC	14
KA3843BDTF	Fairchild Semiconductor		TL3843BDR		S	SOIC	14
KA3844B	Fairchild Semiconductor		TL3844BP		S	PDIP	8
KA3845B	Fairchild Semiconductor		TL3845BP		S	PDIP	8
KA393	Fairchild Semiconductor		LM393P		S	PDIP	8
KA393A	Fairchild Semiconductor		LM393AP		S	PDIP	8
KA393AD	Fairchild Semiconductor		LM393AD		S	SOIC	8
KA393ADTF	Fairchild Semiconductor	Pb-Free	LM393ADR		S	SOIC	8
KA393D	Fairchild Semiconductor		LM393D		S	SOIC	8
KA393DTF	Fairchild Semiconductor	Pb-Free	LM393DR		S	SOIC	8
KA431	Fairchild Semiconductor	Pb-Free	TL431IP		S	PDIP	8
KA431ADTF	Fairchild Semiconductor	Pb-Free	TL431AIDR		S	SOIC	8
KA431AZBU	Fairchild Semiconductor		TL431AILP		S	TO-92	3
KA431AZMTA	Fairchild Semiconductor		TL431AILPME3		S	TO-92	3
KA431AZTA	Fairchild Semiconductor		TL431AILPME3		S	TO-92	3
KA431AZTA NL	Fairchild Semiconductor		TL431AILPME3		S	TO-92	3

KA317LZTA — KA431AZTA NL

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
KA431AZTF	Fairchild Semiconductor		TL431AILPR		S	TO-92	3
KA431D	Fairchild Semiconductor	Pb-Free	TL431ID		S	SOIC	8
KA431DTF	Fairchild Semiconductor	Pb-Free	TL431IDR		S	SOIC	8
KA431LDTF	Fairchild Semiconductor	Pb-Free	TL431BIDR		S	SOIC	8
KA431LZMTA	Fairchild Semiconductor		TL431BILPRE3		S	TO-92	3
KA431LZTA	Fairchild Semiconductor		TL431BILPRE3		S	TO-92	3
KA431LZTF	Fairchild Semiconductor		TL431BILPRE3		S	TO-92	3
KA431SAMF2TF	Fairchild Semiconductor	Pb-Free	TL432AIDBZR		S	SOT-23	3
KA431SAMFTF	Fairchild Semiconductor	Pb-Free	TL431AIDBZR		S	SOT-23	3
KA431SLMF2TF	Fairchild Semiconductor	Pb-Free	TL432BIDBZR		S	SOT-23	3
KA431SLMFTF	Fairchild Semiconductor	Pb-Free	TL431BIDBZR		S	SOT-23	3
KA431SMF2TF	Fairchild Semiconductor	Pb-Free	TL432IDBZR		S	SOT-23	3
KA431SMFTF	Fairchild Semiconductor	Pb-Free	TL431IDBZR		S	SOT-23	3
KA431ZMTA	Fairchild Semiconductor		TL431ILPR		S	TO-92	3
KA431ZTA	Fairchild Semiconductor		TL431ILPR		S	TO-92	3
KA431ZTF	Fairchild Semiconductor		TL431ILPR		S	TO-92	3
KA4558	Fairchild Semiconductor		RC4558P		S	TO-220	3
KA4558D	Fairchild Semiconductor		RC4558D		S	SOIC	8
KA4558DTF	Fairchild Semiconductor	Pb-Free	RC4558DR		S	SOIC	8
KA4558I	Fairchild Semiconductor	Av differs	RC4558P		S	PDIP	8
KA4558IDTF	Fairchild Semiconductor	Pb-Free	RC4558DR		S	SOIC	8
KA5532	Fairchild Semiconductor		NE5532P		S	PDIP	8
KA555	Fairchild Semiconductor		NE555P		S	PDIP	8
KA555D	Fairchild Semiconductor		NE555D		S	SOIC	8
KA555DTF	Fairchild Semiconductor	Pb-Free	NE555DR		S	SOIC	8
KA555I	Fairchild Semiconductor		SA555P		S	PDIP	8
KA555ID	Fairchild Semiconductor		SA555D		S	SOIC	8
KA555IDTF	Fairchild Semiconductor	Pb-Free	SA555DR		S	SOIC	8
KA556	Fairchild Semiconductor		NE556N		S	PDIP	14
KA556D	Fairchild Semiconductor		NE556D		S	SOIC	14
KA556DTF	Fairchild Semiconductor	Pb-Free	NE556DR		S	SOIC	14
KA556I	Fairchild Semiconductor		SA556N		S	PDIP	14
KA556ID	Fairchild Semiconductor	Obsolete	NA556D		S	SOIC	14
KA723	Fairchild Semiconductor		UA723CN		S	PDIP	14
KA723D	Fairchild Semiconductor		UA723CD		S	SOIC	14
KA723D	Fairchild Semiconductor		UA723CNSR		S	SOP	14
KA723DTF	Fairchild Semiconductor	Pb-Free	UA723CDR		S	SOIC	14
KA741	Fairchild Semiconductor		UA741CP		S	TO-220	8
KA741D	Fairchild Semiconductor		UA741CD		S	SOIC	8
KA741DTF	Fairchild Semiconductor	Pb-Free	UA741CDR		S	SOIC	8
KA741I	Fairchild Semiconductor		UA741CP		S	PDIP	8
KA7805	Fairchild Semiconductor	Discontinued, lout differs	UA7805CKCS	Higher lout	S	TO-220	3
KA7805A	Fairchild Semiconductor	lout, Vin differ	UA7805CKCS		S	TO-220	3
KA7805AE	Fairchild Semiconductor	lout differs	UA7805CKCS		S	TO-220	3
KA7805AETSTU	Fairchild Semiconductor	lout differs	UA7805CKCS		S	TO-220	3
KA7805AETU	Fairchild Semiconductor	lout differs	UA7805CKCS		S	TO-220	3
KA7805ATSTU	Fairchild Semiconductor	lout differs	UA7805CKCS		S	TO-220	3
KA7805ATU	Fairchild Semiconductor	lout differs	UA7805CKCS		S	TO-220	3
KA7805ETSTU	Fairchild Semiconductor	lout differs	UA7805CKCS		S	TO-220	3
KA7805ETU	Fairchild Semiconductor	lout differs	UA7805CKCS		S	TO-220	3
KA7808	Fairchild Semiconductor		UA7808CKCS		S	TO-220	3
KA7808A	Fairchild Semiconductor	4%	UA7808CKCS	TI is 5%, FSC is 4%	S	TO-220	3
KA7808AE	Fairchild Semiconductor	lout differs	UA7808CKCS		S	TO-220	3
KA7808AETU	Fairchild Semiconductor	4%	UA7808CKCS	TI is 5%, FSC is 4%	S	TO-220	3
KA7808ATU	Fairchild Semiconductor	4%	UA7808CKCS	TI is 5%, FSC is 4%	S	TO-220	3
KA7808ETSTU	Fairchild Semiconductor		UA7808CKCS		S	TO-220	3
KA7808ETU	Fairchild Semiconductor		UA7808CKCS		S	TO-220	3
KA7808TSTU	Fairchild Semiconductor		UA7808CKCS		S	TO-220	3
KA7808TU	Fairchild Semiconductor		UA7808CKCS		S	TO-220	3
KA7810	Fairchild Semiconductor		UA7810CKCS		S	TO-220	3
KA7810AETU	Fairchild Semiconductor		UA7810CKCS	TI is 5%, FSC is 4%	S	TO-220	3
KA7810ATU	Fairchild Semiconductor	4%	UA7810CKCS	TI is 5%, FSC is 4%	S	TO-220	3
KA7810ETU	Fairchild Semiconductor		UA7810CKCS		S	TO-220	3
KA7810TU	Fairchild Semiconductor		UA7810CKCS		S	TO-220	3

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
KA7812	Fairchild Semiconductor	Iout, Vin differ	UA7812CKCS		S	TO-220	3
KA7812A	Fairchild Semiconductor	Vin max 35V	UA7812CKCS	Vin max 30V, TI is 5%, FSC is 4%	S	TO-220	3
KA7812A	Fairchild Semiconductor	Iout, Vin differ	UA7812CKCSE3		S	TO-220	3
KA7812AE	Fairchild Semiconductor	Vin max 35V	UA7812CKCS	TI is 5%, FSC is 4%	S	TO-220	3
KA7812AE	Fairchild Semiconductor	Iout differs	UA7812CKCSE3		S	TO-220	3
KA7812AETU	Fairchild Semiconductor		UA7812CKCS	TI is 5%, FSC is 4%	S	TO-220	3
KA7812AETU	Fairchild Semiconductor	Iout differs	UA7812CKCSE3		S	TO-220	3
KA7812ATSTU	Fairchild Semiconductor	Vin max 35V	UA7812CKCS	Vin max 30V, TI is 5%, FSC is 4%	S	TO-220	3
KA7812ATSTU	Fairchild Semiconductor	Iout differs	UA7812CKCSE3		S	TO-220	3
KA7812ATU	Fairchild Semiconductor	Vin max 35V	UA7812CKCS	Vin max 30V, TI is 5%, FSC is 4%	S	TO-220	3
KA7812ATU	Fairchild Semiconductor	Iout differs	UA7812CKCSE3		S	TO-220	3
KA7812E	Fairchild Semiconductor		UA7812CKCS		S	TO-220	3
KA7812E	Fairchild Semiconductor	Iout differs	UA7812CKCSE3		S	TO-220	3
KA7812ETSTU	Fairchild Semiconductor	Iout differs	UA7812CKCS		S	TO-220	3
KA7812ETU	Fairchild Semiconductor	Iout differs	UA7812CKCS		S	TO-220	3
KA7812TSTU	Fairchild Semiconductor	Iout differs	UA7812CKCS		S	TO-220	3
KA7812TU	Fairchild Semiconductor	Iout differs	UA7812CKCS		S	TO-220	3
KA7815	Fairchild Semiconductor	Iout differs	UA7815CKCS		S	TO-220	3
KA7815A	Fairchild Semiconductor	Iout differs	UA7815CKCS		S	TO-220	3
KA7815AE	Fairchild Semiconductor	Iout differs	UA7815CKCS		S	TO-220	3
KA7815AETU	Fairchild Semiconductor	Iout differs	UA7815CKCS		S	TO-220	3
KA7815ATU	Fairchild Semiconductor	Iout differs	UA7815CKCS		S	TO-220	3
KA7815E	Fairchild Semiconductor	Iout differs	UA7815CKCS		S	TO-220	3
KA7815ETSTU	Fairchild Semiconductor	Iout differs	UA7815CKCS		S	TO-220	3
KA7815ETU	Fairchild Semiconductor	Iout differs	UA7815CKCS		S	TO-220	3
KA7815TSTU	Fairchild Semiconductor	Iout differs	UA7815CKCS		S	TO-220	3
KA7815TU	Fairchild Semiconductor	Iout differs	UA7815CKCS		S	TO-220	3
KA7824	Fairchild Semiconductor		UA7824CKCS		S	TO-220	3
KA7824A	Fairchild Semiconductor	Iout differs	UA7824CKCS		S	TO-220	3
KA7824AETU	Fairchild Semiconductor	Vin max 40V	UA7824CKCS	Vin max 38V, TI is 5%, FSC is 4%	S	TO-220	3
KA7824ATU	Fairchild Semiconductor	4%	UA7824CKCS	TI is 5%, FSC is 4%	S	TO-220	3
KA7824E	Fairchild Semiconductor		UA7824CKCS		S	TO-220	3
KA7824ETSTU	Fairchild Semiconductor		UA7824CKCS		S	TO-220	3
KA7824ETU	Fairchild Semiconductor		UA7824CKCS		S	TO-220	3
KA7824TSTU	Fairchild Semiconductor		UA7824CKCS		S	TO-220	3
KA7824TU	Fairchild Semiconductor		UA7824CKCS		S	TO-220	3
KA78L05AAZ	Fairchild Semiconductor		UA78L05AILPE3		S	TO-92	3
KA78L05AAZBU	Fairchild Semiconductor		UA78L05ACLPE3		S	TO-92	3
KA78L05AAZTA	Fairchild Semiconductor		UA78L05ACL PME3		S	TO-92	3
KA78L05AD	Fairchild Semiconductor		UA78L05ACD		S	SOIC	8
KA78L05ADTF	Fairchild Semiconductor	Pb-Free	UA78L05ACDR		S	SOIC	8
KA78L05AMTF	Fairchild Semiconductor		UA78L05ACPK		S	SOT-89	3
KA78L05AMTM	Fairchild Semiconductor		UA78L05ACPK		S	SOT-89	3
KA78L05AZ	Fairchild Semiconductor		UA78L05AILPE3		S	TO-92	3
KA78L05AZBU	Fairchild Semiconductor		UA78L05ACLPE3		S	TO-92	3
KA78L05AZMTA	Fairchild Semiconductor		UA78L05ACL PME3		S	TO-92	3
KA78L05AZTA	Fairchild Semiconductor		UA78L05ACL PME3		S	TO-92	3
KA78L05AZTF	Fairchild Semiconductor		UA78L05ACLPRE3		S	TO-92	3
KA78L06AZ	Fairchild Semiconductor		UA78L06ACLPE3		S	TO-92	3
KA78L06AZBU	Fairchild Semiconductor		UA78L06ACLPE3		S	TO-92	3
KA78L06AZTA	Fairchild Semiconductor		UA78L06ACLPRE3		S	TO-92	3
KA78L08AD	Fairchild Semiconductor		UA78L08ACD		S	SOIC	8
KA78L08ADTF	Fairchild Semiconductor	Pb-Free	UA78L08ACDR		S	SOIC	8
KA78L08AMTF	Fairchild Semiconductor		UA78L08ACPK		S	SOT-89	3
KA78L08AZ	Fairchild Semiconductor		UA78L08ACLPE3		S	TO-92	3
KA78L08AZBU	Fairchild Semiconductor		UA78L08ACLPE3		S	TO-92	3
KA78L08AZTA	Fairchild Semiconductor		UA78L08ACLPRE3		S	TO-92	3
KA78L08AZTF	Fairchild Semiconductor		UA78L08ACLPRE3		S	TO-92	3
KA78L09AMTF	Fairchild Semiconductor		UA78L09ACPKG3		S	SOT-89	3
KA78L09AZBU	Fairchild Semiconductor		UA78L09ACLP		S	TO-92	3
KA78L09AZBU	Fairchild Semiconductor		UA78L09ACLPE3		S	TO-92	3
KA78L09AZTA	Fairchild Semiconductor		UA78L09ACLPRE3		S	TO-92	3
KA78L10AZBU	Fairchild Semiconductor		UA78L10ACLP		S	TO-92	3
KA78L10AZBU	Fairchild Semiconductor		UA78L10ACLPE3		S	TO-92	3

KA7812 — KA78L10AZBU

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
KA78L10AZTA	Fairchild Semiconductor		UA78L10ACLPRE3		S	TO-92	3
KA78L12AD	Fairchild Semiconductor		UA78L12ACD		S	SOIC	8
KA78L12ADTF	Fairchild Semiconductor	Pb-Free	UA78L12ACDR		S	SOIC	8
KA78L12AMTF	Fairchild Semiconductor		UA78L12ACPKG3		S	SOT-89	3
KA78L12AZ	Fairchild Semiconductor		UA78L12ACLPE3		S	TO-92	3
KA78L12AZ	Fairchild Semiconductor		UA78L12ACLPME3		S	TO-92	3
KA78L12AZBU	Fairchild Semiconductor		UA78L12ACLPE3		S	TO-92	3
KA78L12AZTA	Fairchild Semiconductor		UA78L12ACLPM		S	TO-92	3
KA78L12AZTA	Fairchild Semiconductor		UA78L12ACLPME3		S	TO-92	3
KA78L12AZTF	Fairchild Semiconductor		UA78L12ACLPRE3		S	TO-92	3
KA78L15AZBU	Fairchild Semiconductor		UA78L15ACLPE3		S	TO-92	3
KA78L15AZTA	Fairchild Semiconductor		UA78L15ACLPE3		S	TO-92	3
KA78M05	Fairchild Semiconductor		UA78M05CKCS		S	TO-220	3
KA78M05R	Fairchild Semiconductor		UA78M05CKVURG3		S	TO-252 (DPAK)	2
KA78M05RTF	Fairchild Semiconductor		UA78M05CKVURG3		S	TO-252 (DPAK)	2
KA78M05RTM	Fairchild Semiconductor		UA78M05CKVURG3		S	TO-252 (DPAK)	2
KA78M05TU	Fairchild Semiconductor		UA78M05CKCS		S	TO-220	3
KA78M06RTF	Fairchild Semiconductor		UA78M06CKVURG3		S	TO-252/DPAK	2
KA78M08	Fairchild Semiconductor		UA78M08CKCS		S	TO-220	3
KA78M08RTF	Fairchild Semiconductor		UA78M08CKVURG3		S	TO-252/DPAK	2
KA78M08RTM	Fairchild Semiconductor		UA78M08CKVURG3		S	TO-252/DPAK	2
KA78M08TU	Fairchild Semiconductor		UA78M08CKCS		S	TO-220	3
KA78M12	Fairchild Semiconductor		UA78M12CKCS		S	TO-220	3
KA78M12RTF	Fairchild Semiconductor		UA78M12CKVURG3		S	TO-252/DPAK	2
KA78M12RTM	Fairchild Semiconductor		UA78M12CKVURG3		S	TO-252/DPAK	2
KA78M12TU	Fairchild Semiconductor		UA78M12CKCS		S	TO-220	3
KA7905	Fairchild Semiconductor	Iout differs	UA7905CKCS		S	TO-220	3
KA7905ATU	Fairchild Semiconductor	Iout differs	UA7905CKCS		S	TO-220	3
KA7905STU	Fairchild Semiconductor	Iout differs	UA7905CKCS		S	TO-220	3
KA7905TU	Fairchild Semiconductor	Iout differs	UA7905CKCS		S	TO-220	3
KA7908	Fairchild Semiconductor		UA7908CKCS		S	TO-220	3
KA7908	Fairchild Semiconductor	Iout differs	UA7908CKCSE3		S	TO-220	3
KA7908STU	Fairchild Semiconductor		UA7908CKCS		S	TO-220	3
KA7908TSTU	Fairchild Semiconductor	Iout differs	UA7908CKCSE3		S	TO-220	3
KA7908TU	Fairchild Semiconductor		UA7908CKCS		S	TO-220	3
KA7908TU	Fairchild Semiconductor	Iout differs	UA7908CKCSE3		S	TO-220	3
KA79L05AD	Fairchild Semiconductor		MC79L05ACD		S	SOIC	8
KA79L05ADTF	Fairchild Semiconductor	2%, Pb-Free	MC79L05ACDR		S	SOIC	8
KA79L05AZBU	Fairchild Semiconductor		MC79L05ACLP		S	TO-92/TO-226	3
KA79L05AZBU	Fairchild Semiconductor		MC79L05ACLPPE3		S	TO-92	3
KA79L05AZTA	Fairchild Semiconductor		MC79L05ACLPM		S	TO-92	3
KA79L05AZTA	Fairchild Semiconductor		MC79L05ACLPR		S	TO-92	3
KA79L05AZTA	Fairchild Semiconductor		MC79L05ACLPRE3		S	TO-92	3
KA79L12AZBU	Fairchild Semiconductor		MC79L12ACLP		S	TO-92/TO-226	3
KA79L12AZBU	Fairchild Semiconductor		MC79L12ACLPPE3		S	TO-92	3
KA79L12AZTA	Fairchild Semiconductor		MC79L12ACLPR	Not available in magazine, use tubed	S	TO-92	3
KA79L12AZTA	Fairchild Semiconductor		MC79L12ACLPRE3		S	TO-92	3
KA79L15AZBU	Fairchild Semiconductor		MC79L15ACLP		S	TO-92/TO-226	3
KA79L15AZBU	Fairchild Semiconductor		MC79L15ACLPPE3		S	TO-92	3
KA79L15AZTA	Fairchild Semiconductor		MC79L15ACLPM		S	TO-92	3
KA79L18AZBU	Fairchild Semiconductor		MC79L15ACLP		S	TO-92/TO-226	3
KA79M05	Fairchild Semiconductor		UA79M05CKCS		S	TO-220	3
KA79M05RTF	Fairchild Semiconductor		UA79M05CKVURG3		S	TO-252/DPAK	2
KA79M05RTM	Fairchild Semiconductor		UA79M05CKVURG3		S	TO-252/DPAK	2
KA79M05TU	Fairchild Semiconductor		UA79M05CKCS		S	TO-220	3
KA79M06	Fairchild Semiconductor	Vout differs	UA79M05CKCS		Q	TO-220	3
KA79M06TU	Fairchild Semiconductor	Vout differs	UA79M05CKCS		S	TO-220	3
KA79M08RTF	Fairchild Semiconductor		UA79M08CKVURG3		S	TO-252/DPAK	2
KA79M08RTM	Fairchild Semiconductor		UA79M08CKVURG3		S	TO-252/DPAK	2
KF347	Fairchild Semiconductor		LF347N		S	PDIP	14
KF347	Fairchild Semiconductor	Av, CMRR, GBW, PSRR differ	TL084ACN		S	PDIP	14
KF353	Fairchild Semiconductor		LF353P		S	PDIP	8
KM4270IC8TR3	Fairchild Semiconductor		LMV822D		S	SOIC	8
KM4270IM8TR3	Fairchild Semiconductor		LMV822DGKR		S	MSOP	8

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
KM4270IM8TR3_NL	Fairchild Semiconductor	Pb-Free	LMV822DGKR		S	MSOP	8
KM4470IP14TR3	Fairchild Semiconductor	Lifetime buy (10/26/04)	LMV824PWR		S	TSSOP	14
L7805ABD2T	ST Microelectronics (STM)	lout differs, 4%	UA7805CKTTR	Higher lout, 5%	S	TO-263/DDPAK	3
L7805ABD2T-TR	ST Microelectronics (STM)	lout differs, 4%	UA7805CKTTR	Higher lout, 5%	S	TO-263 (DDPAK)	3
L7805ABP	ST Microelectronics (STM)	lout differs, 4%, Insulated tab	UA7805CKCS	Higher lout, 5%, Non-insulated tab	Q	TO-220FP	3
L7805ABV	ST Microelectronics (STM)	lout differs, 4%	UA7805CKCS	Higher lout, 5%	S	TO-220	3
L7805ACD2T	ST Microelectronics (STM)	lout differs, 4%	UA7805CKTTR	Higher lout, 5%	S	TO-263/DDPAK	3
L7805ACD2T-TR	ST Microelectronics (STM)	lout differs, 4%	UA7805CKTTR	Higher lout, 5%	S	TO-263 (DDPAK)	3
L7805ACP	ST Microelectronics (STM)	lout differs, 4%, Insulated tab	UA7805CKCS	Higher lout, 5%, Non-insulated tab	Q	TO-220FP	3
L7805ACV	ST Microelectronics (STM)	lout differs, 4%	UA7805CKCS	Higher lout, 5%	S	TO-220	3
L7808ABD2T	ST Microelectronics (STM)	lout differs, 4%	UA7808CKTTR	Higher lout, 5%	S	TO-263/DDPAK	3
L7808ABD2T-TR	ST Microelectronics (STM)	lout differs, 4%	UA7808CKTTR	Higher lout, 5%	S	TO-263/DDPAK	3
L7808ABP	ST Microelectronics (STM)	lout differs, 4%, Insulated tab	UA7808CKCS	Higher lout, 5%, Non-insulated tab	Q	TO-220FP	3
L7808ABV	ST Microelectronics (STM)	lout differs, 4%	UA7808CKCS	Higher lout, 5%	S	TO-220	3
L7808ACD2T	ST Microelectronics (STM)	lout differs, 4%	UA7808CKTTR	Higher lout, 5%	S	TO-263/DDPAK	3
L7808ACD2T-TR	ST Microelectronics (STM)	lout differs, 4%	UA7808CKTTR	Higher lout, 5%	S	TO-263/DDPAK	3
L7808ACP	ST Microelectronics (STM)	lout differs, 4%, Insulated tab	UA7808CKCS	Higher lout, 5%, Non-insulated tab	Q	TO-220FP	3
L7808ACV	ST Microelectronics (STM)	lout differs, 4%	UA7808CKCS	Higher lout, 5%	S	TO-220	3
L7808CV	ST Microelectronics (STM)	Discontinued, lout differs	UA7808CKCS	Higher lout	S	TO-220	3
L7812ABD2T	ST Microelectronics (STM)	lout differs, 4%	UA7812CKTTR	Higher lout, 5%	S	TO-263/DDPAK	3
L7812ABD2T-TR	ST Microelectronics (STM)	lout differs, 4%	UA7812CKTTR	Higher lout, 5%	S	TO-263/DDPAK	3
L7812ABP	ST Microelectronics (STM)	lout differs, 4%, Insulated tab	UA7812CKCS	Higher lout, 5%, Non-insulated tab	Q	TO-220FP	3
L7812ABV	ST Microelectronics (STM)	lout differs	UA7812CKCS		S	TO-220	3
L7812ABV	ST Microelectronics (STM)	lout differs, 4%	UA7812CKCS	Higher lout, 5%	S	TO-220	3
L7812ACD2T	ST Microelectronics (STM)	lout differs, 4%	UA7812CKTTR	Higher lout, 5%	S	TO-263/DDPAK	3
L7812ACD2T-TR	ST Microelectronics (STM)	lout differs, 4%	UA7812CKTTR	Higher lout, 5%	S	TO-263/DDPAK	3
L7812ACP	ST Microelectronics (STM)	lout differs, 4%, Insulated tab	UA7812CKCS	Higher lout, 5%, Non-insulated tab	Q	TO-220FP	3
L7812ACV	ST Microelectronics (STM)	lout differs	UA7812CKCS		S	TO-220	3
L7812ACV	ST Microelectronics (STM)	lout differs, 4%	UA7812CKCS	Higher lout, 5%	S	TO-220	3
L7812CV	ST Microelectronics (STM)		UA7812CKCS		S	TO-220	3
L7815ABD2T	ST Microelectronics (STM)	lout differs, 4%	UA7815CKTTR	Higher lout, 5%	S	TO-263/DDPAK	3
L7815ABD2T-TR	ST Microelectronics (STM)	lout differs, 4%	UA7815CKTTR	Higher lout, 5%	S	TO-263/DDPAK	3
L7815ABP	ST Microelectronics (STM)	lout differs, 4%, Insulated tab	UA7815CKCS	Higher lout, 5%, Non-insulated tab	Q	TO-220FP	3
L7815ABV	ST Microelectronics (STM)	lout differs, 4%	UA7815CKCS	Higher lout, 5%	S	TO-220	3
L7815ACD2T	ST Microelectronics (STM)	lout differs, 4%	UA7815CKTTR	Higher lout, 5%	S	TO-263/DDPAK	3
L7815ACD2T-TR	ST Microelectronics (STM)	lout differs, 4%	UA7815CKTTR	Higher lout, 5%	S	TO-263/DDPAK	3
L7815ACP	ST Microelectronics (STM)	lout differs, 4%, Insulated tab	UA7815CKCS	Higher lout, 5%, Non-insulated tab	Q	TO-220FP	3
L7815ACV	ST Microelectronics (STM)	lout differs	UA7815CKCS		S	TO-220	3
L7815ACV	ST Microelectronics (STM)	lout differs, 4%	UA7815CKCS	Higher lout, 5%	S	TO-220	3
L7815CV	ST Microelectronics (STM)		UA7815CKCS		S	TO-220	3
L7824ABD2T	ST Microelectronics (STM)	lout differs, 4%	UA7824CKTTR	Higher lout, 5%	S	TO-263/DDPAK	3
L7824ABD2T-TR	ST Microelectronics (STM)	lout differs, 4%	UA7824CKTTR	Higher lout, 5%	S	TO-263/DDPAK	3
L7824ABP	ST Microelectronics (STM)	lout differs, 4%, Insulated tab	UA7824CKCS	Higher lout, 5%, Non-insulated tab	Q	TO-220FP	3
L7824ABV	ST Microelectronics (STM)	lout differs, 4%	UA7824CKCS	Higher lout, 5%	S	TO-220	3
L7824ACD2T	ST Microelectronics (STM)	lout differs, 4%	UA7824CKTTR	Higher lout, 5%	S	TO-263/DDPAK	3
L7824ACD2T-TR	ST Microelectronics (STM)	lout differs, 4%	UA7824CKTTR	Higher lout, 5%	S	TO-263/DDPAK	3
L7824ACP	ST Microelectronics (STM)	lout differs, 4%, Insulated tab	UA7824CKCS	Higher lout, 5%, Non-insulated tab	Q	TO-220FP	3
L7824ACV	ST Microelectronics (STM)	lout differs, 4%	UA7824CKCS	Higher lout, 5%	S	TO-220	3
L7824CV	ST Microelectronics (STM)		UA7824CKCE3		S	TO-220	3
L78L05ABD	ST Microelectronics (STM)		UA78L05AID		S	SOIC	8
L78L05ABD13TR	ST Microelectronics (STM)		UA78L05AIDR		S	SOIC	8
L78L05ABUTR	ST Microelectronics (STM)		UA78L05AIPK		S	SOT-89	3
L78L05ABZ	ST Microelectronics (STM)		UA78L05AILP		S	TO-92	3
L78L05ABZ-AP	ST Microelectronics (STM)		UA78L05AILPR		S	TO-92	3
L78L05ABZTR	ST Microelectronics (STM)		UA78L05AILPR		S	TO-92	3
L78L05ABZ-TR	ST Microelectronics (STM)		UA78L05AILPR		S	TO-92	3
L78L05ACD	ST Microelectronics (STM)		UA78L05ACD		S	SOIC	8
L78L05ACD13TR	ST Microelectronics (STM)		UA78L05ACDR		S	SOIC	8
L78L05ACUTR	ST Microelectronics (STM)		UA78L05ACP		S	SOT-89	3
L78L05ACZ	ST Microelectronics (STM)		UA78L05ACLP		S	TO-92	3
L78L05ACZ-AP	ST Microelectronics (STM)		UA78L05ACLPM		S	TO-92	3
L78L05ACZTR	ST Microelectronics (STM)		UA78L05ACLPR		S	TO-92	3
L78L05CD13TR	ST Microelectronics (STM)		UA78L05ACDR		S	SOIC	8
L78L05CZ	ST Microelectronics (STM)		UA78L05ACLP		S	TO-92	3

KM4270IM8TR3\_NL — L78L05CZ

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
L78L05CZ-AP	ST Microelectronics (STM)	Discontinued	UA78L05ACLPM		S	TO-92	3
L78L05CZTR	ST Microelectronics (STM)	Discontinued	UA78L05ACLPR		S	TO-92	3
L78L06ABU	ST Microelectronics (STM)		UA78L06ACPCKG3		S	SOT-89	3
L78L06ABUTR	ST Microelectronics (STM)		UA78L06ACPCK		S	SOT-89	3
L78L06ABZ	ST Microelectronics (STM)		UA78L06ACLPE3		S	TO-92	3
L78L06ABZ	ST Microelectronics (STM)		UA78L06ACLPRE3		S	TO-92	3
L78L06ABZ	ST Microelectronics (STM)		UA78L06ACLPL		S	TO-92	3
L78L06ABZ-AP	ST Microelectronics (STM)		UA78L06ACLPE3		S	TO-92	3
L78L06ACU	ST Microelectronics (STM)		UA78L06ACPCKG3		S	SOT-89	3
L78L06ACUTR	ST Microelectronics (STM)		UA78L06ACPCK		S	SOT-89	3
L78L06ACZ	ST Microelectronics (STM)		UA78L06ACLPE3		S	TO-92	3
L78L06ACZ	ST Microelectronics (STM)		UA78L06ACLPRE3		S	TO-92	3
L78L06ACZ	ST Microelectronics (STM)		UA78L06ACLPL		S	TO-92	3
L78L06ACZ-AP	ST Microelectronics (STM)		UA78L06ACLPE3		S	TO-92	3
L78L06ACZ-AP	ST Microelectronics (STM)		UA78L06ACLPR		S	TO-92	3
L78L06ACZ-TR	ST Microelectronics (STM)		UA78L06ACLPR		S	TO-92	3
L78L06CZ	ST Microelectronics (STM)		UA78L06ACLPE3		S	TO-92	3
L78L06CZ	ST Microelectronics (STM)		UA78L06ACLPRE3		S	TO-92	3
L78L06CZ-AP	ST Microelectronics (STM)		UA78L06ACLPE3		S	TO-92	3
L78L08ABD	ST Microelectronics (STM)	Iout, Vin differ	TL750L08CD		Q	SOIC	8
L78L08ABD	ST Microelectronics (STM)		UA78L08ACD		S	SOIC	8
L78L08ABZ	ST Microelectronics (STM)		UA78L08ACLPE3		S	TO-92	3
L78L08ABZ	ST Microelectronics (STM)		UA78L08ACLPRE3		S	TO-92	3
L78L08ABZ-AP	ST Microelectronics (STM)		UA78L08ACLPE3		S	TO-92	3
L78L08ABZ-AP	ST Microelectronics (STM)		UA78L08ACLPRE3		S	TO-92	3
L78L08ABZTR	ST Microelectronics (STM)		UA78L08ACLPRE3		S	TO-92	3
L78L08ACD	ST Microelectronics (STM)		UA78L08ACD		S	SOIC	8
L78L08ACD	ST Microelectronics (STM)		UA78L08CD		S	SOIC	8
L78L08ACZ	ST Microelectronics (STM)		UA78L08ACLPE3		S	TO-92	3
L78L08ACZ	ST Microelectronics (STM)		UA78L08ACLPRE3		S	TO-92	3
L78L08ACZ-AP	ST Microelectronics (STM)		UA78L08ACLPE3		S	TO-92	3
L78L08ACZ-AP	ST Microelectronics (STM)		UA78L08ACLPRE3		S	TO-92	3
L78L08ACZTR	ST Microelectronics (STM)		UA78L08ACLPRE3		S	TO-92	3
L78L08CD	ST Microelectronics (STM)	Iout, Vin differ	TL750L08CD		Q	SOIC	8
L78L08CD	ST Microelectronics (STM)		UA78L08ACD		S	SOIC	8
L78L08CD	ST Microelectronics (STM)		UA78L08CD		S	SOIC	8
L78L08CZ	ST Microelectronics (STM)		UA78L08ACLPE3		S	TO-92	3
L78L08CZ	ST Microelectronics (STM)		UA78L08ACLPRE3		S	TO-92	3
L78L08CZ-AP	ST Microelectronics (STM)		UA78L08ACLPE3		S	TO-92	3
L78L08CZ-AP	ST Microelectronics (STM)		UA78L08ACLPRE3		S	TO-92	3
L78L08CZTR	ST Microelectronics (STM)		UA78L08ACLPRE3		S	TO-92	3
L78L09ABD	ST Microelectronics (STM)		UA78L09ACD		S	SOIC	8
L78L09ABZ	ST Microelectronics (STM)		UA78L09ACLPE3		S	TO-92	3
L78L09ABZ	ST Microelectronics (STM)		UA78L09ACLPRE3		S	TO-92	3
L78L09ABZ-AP	ST Microelectronics (STM)		UA78L09ACLPE3		S	TO-92	3
L78L09ABZ-AP	ST Microelectronics (STM)		UA78L09ACLPRE3		S	TO-92	3
L78L09ABZTR	ST Microelectronics (STM)		UA78L09ACLPRE3		S	TO-92	3
L78L09ACD	ST Microelectronics (STM)		UA78L09ACD	Max Load Regulation = 90 mV	S		
L78L09ACD13TR	ST Microelectronics (STM)		UA78L09ACDR	Max Load Regulation = 90 mV	S		
L78L09ACZ	ST Microelectronics (STM)		UA78L09ACLPE3		S	TO-92	3
L78L09ACZ	ST Microelectronics (STM)		UA78L09ACLPRE3		S	TO-92	3
L78L09ACZ-AP	ST Microelectronics (STM)		UA78L09ACLPE3		S	TO-92	3
L78L09ACZ-AP	ST Microelectronics (STM)		UA78L09ACLPRE3		S	TO-92	3
L78L09ACZTR	ST Microelectronics (STM)		UA78L09ACLPRE3		S	TO-92	3
L78L09CD	ST Microelectronics (STM)		UA78L09ACD		S	SOIC	8
L78L09CZ	ST Microelectronics (STM)		UA78L09ACLPE3		S	TO-92	3
L78L09CZ	ST Microelectronics (STM)		UA78L09ACLPRE3		S	TO-92	3
L78L09CZ-AP	ST Microelectronics (STM)		UA78L09ACLPE3		S	TO-92	3
L78L09CZ-AP	ST Microelectronics (STM)		UA78L09ACLPRE3		S	TO-92	3
L78L09CZTR	ST Microelectronics (STM)		UA78L09ACLPRE3		S	TO-92	3
L78L10ABZ	ST Microelectronics (STM)	Discontinued	UA78L10ACLPL	Temp range differs	S	TO-92	3
L78L10ABZ-AP	ST Microelectronics (STM)	Discontinued	UA78L10ACLPR	Temp range differs	S	TO-92	3
L78L10ACD	ST Microelectronics (STM)	Discontinued	UA78L10ACD	Temp range differs	S	SOIC	8
L78L10ACD13TR	ST Microelectronics (STM)	Discontinued	UA78L10ACDR	Temp range differs	S	SOIC	8

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
L78L10ACUTR	ST Microelectronics (STM)		UA78L10ACPK	Temp range differs	S	SOT-89	3
L78L10ACZ	ST Microelectronics (STM)	Discontinued	UA78L10ACLP		S	TO-92	3
L78L10ACZ-AP	ST Microelectronics (STM)	Discontinued	UA78L10ACLPR		S	TO-92	3
L78L10CD	ST Microelectronics (STM)	Discontinued	UA78L10ACD		S	SOIC	8
L78L10CD13TR	ST Microelectronics (STM)	Discontinued	UA78L10ACDR		S	SOIC	8
L78L10CZ	ST Microelectronics (STM)	Discontinued	UA78L10ACLP		S	TO-92	3
L78L10CZ-AP	ST Microelectronics (STM)	Discontinued	UA78L10ACLPR		S	TO-92	3
L78L12ABD	ST Microelectronics (STM)	lout, Vin differ	TL750L12CD		Q	SOIC	8
L78L12ABD	ST Microelectronics (STM)		UA78L12ACD		S	SOIC	8
L78L12ABZ	ST Microelectronics (STM)		UA78L12ACLPE3		S	TO-92	3
L78L12ABZ	ST Microelectronics (STM)		UA78L12ACL PME3		S	TO-92	3
L78L12ABZ	ST Microelectronics (STM)		UA78L12ACLPRE3		S	TO-92	3
L78L12ABZ-AP	ST Microelectronics (STM)		UA78L12ACLPE3		S	TO-92	3
L78L12ABZ-AP	ST Microelectronics (STM)		UA78L12ACL PME3		S	TO-92	3
L78L12ABZ-AP	ST Microelectronics (STM)		UA78L12ACLPRE3		S	TO-92	3
L78L12ABZTR	ST Microelectronics (STM)		UA78L12ACLPRE3		S	TO-92	3
L78L12ACD	ST Microelectronics (STM)		UA78L12ACD		S		
L78L12ACD13TR	ST Microelectronics (STM)		UA78L12ACDR		S		
L78L12ACZ	ST Microelectronics (STM)		UA78L12ACLPE3		S	TO-92	3
L78L12ACZ	ST Microelectronics (STM)		UA78L12ACL PME3		S	TO-92	3
L78L12ACZ	ST Microelectronics (STM)		UA78L12ACLPRE3		S	TO-92	3
L78L12ACZ-AP	ST Microelectronics (STM)		UA78L12ACLPE3		S	TO-92	3
L78L12ACZ-AP	ST Microelectronics (STM)		UA78L12ACL PME3		S	TO-92	3
L78L12ACZ-AP	ST Microelectronics (STM)		UA78L12ACLPRE3		S	TO-92	3
L78L12ACZTR	ST Microelectronics (STM)		UA78L12ACLPRE3		S	TO-92	3
L78L12CD	ST Microelectronics (STM)	lout, Vin differ	TL750L12CD		Q	SOIC	8
L78L12CD	ST Microelectronics (STM)		UA78L12ACD		S	SOIC	8
L78L12CZ	ST Microelectronics (STM)		UA78L12ACLPE3		S	TO-92	3
L78L12CZ	ST Microelectronics (STM)		UA78L12ACL PME3		S	TO-92	3
L78L12CZ	ST Microelectronics (STM)		UA78L12ACLPRE3		S	TO-92	3
L78L12CZ-AP	ST Microelectronics (STM)		UA78L12ACLPE3		S	TO-92	3
L78L12CZ-AP	ST Microelectronics (STM)		UA78L12ACL PME3		S	TO-92	3
L78L12CZ-AP	ST Microelectronics (STM)		UA78L12ACLPRE3		S	TO-92	3
L78L12CZTR	ST Microelectronics (STM)		UA78L12ACLPRE3		S	TO-92	3
L78L15ABD	ST Microelectronics (STM)		UA78L15ACD		S	SOIC	8
L78L15ABZ	ST Microelectronics (STM)		UA78L15ACLPE3		S	TO-92	3
L78L15ABZ	ST Microelectronics (STM)		UA78L15ACL PME3		S	TO-92	3
L78L15ABZ-AP	ST Microelectronics (STM)		UA78L15ACLPE3		S	TO-92	3
L78L15ABZ-AP	ST Microelectronics (STM)		UA78L15ACL PME3		S	TO-92	3
L78L15ABZTR	ST Microelectronics (STM)		UA78L15ACLPRE3		S	TO-92	3
L78L15ACD	ST Microelectronics (STM)		UA78L15ACD		S	SOIC	8
L78L15ACZ	ST Microelectronics (STM)		UA78L15ACLPE3		S	TO-92	3
L78L15ACZ	ST Microelectronics (STM)		UA78L15ACL PME3		S	TO-92	3
L78L15ACZ-AP	ST Microelectronics (STM)		UA78L15ACLPE3		S	TO-92	3
L78L15ACZ-AP	ST Microelectronics (STM)		UA78L15ACL PME3		S	TO-92	3
L78L15ACZTR	ST Microelectronics (STM)		UA78L15ACLPRE3		S	TO-92	3
L78L15CZ	ST Microelectronics (STM)		UA78L15ACLPE3		S	TO-92	3
L78L15CZ	ST Microelectronics (STM)		UA78L15ACL PME3		S	TO-92	3
L78L15CZ-AP	ST Microelectronics (STM)		UA78L15ACLPE3		S	TO-92	3
L78L15CZ-AP	ST Microelectronics (STM)		UA78L15ACL PME3		S	TO-92	3
L78L15CZTR	ST Microelectronics (STM)		UA78L15ACLPRE3		S	TO-92	3
L78M05ABDT	ST Microelectronics (STM)		TL750M05CKVURG3	Temp range differs	S	TO-252/DPAK	2
L78M05ABDT-TR	ST Microelectronics (STM)		TL750M05CKVURG3	Temp range differs	S	TO-252/DPAK	2
L78M05ABV	ST Microelectronics (STM)		TL750M05CKCSE3	Temp range differs	S	TO-220	3
L78M05ACDT	ST Microelectronics (STM)		TL750M05CKVURG3		S	TO-252/DPAK	2
L78M05ACDT-TR	ST Microelectronics (STM)		TL750M05CKVURG3		S	TO-252/DPAK	2
L78M05CDT	ST Microelectronics (STM)		UA78M05CKVURG3		S	TO-252/DPAK	2
L78M05CDT-TR	ST Microelectronics (STM)		UA78M05CKVURG3		S	TO-252/DPAK	2
L78M05CP	ST Microelectronics (STM)	Insulated Tab	UA78M05CKCS	Non-insulated Tab	Q	TO-220F	3
L78M05CV	ST Microelectronics (STM)		UA78M05CKCS		S	TO-220	3
L78M06ABDT	ST Microelectronics (STM)		UA78M06CKVURG3	Temp range differs, for -40 C use UA78M06	S	TO-252/DPAK	
L78M06ABDT-TR	ST Microelectronics (STM)		UA78M06CKVURG3	Temp range differs, for -40 C use UA78M06	S	TO-252/DPAK	
L78M06ACDT-TR	ST Microelectronics (STM)		UA78M06CKVURG3		S	TO-252/DPAK	
L78M06CDT	ST Microelectronics (STM)		UA78M06CKVURG3		S	TO-252/DPAK	2

L78L10ACUTR — L78M06CDT

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
L78M06CDT-TR	ST Microelectronics (STM)		UA78M06CKVURG3		S	TO-252/DPAK	2
L78M10ABDT-TR	ST Microelectronics (STM)	lout, Vin differ	TL750M10CKVURG3		Q	TO-252/DPAK	3
L78M10ACDT-TR	ST Microelectronics (STM)	lout, Vin differ	TL750M10CKVURG3		Q	TO-252/DPAK	3
L78S15CV	ST Microelectronics (STM)	lout differs	TL780-15KCS		S	TO-220	3
L7905ACV	ST Microelectronics (STM)		UA7905CKCS		S	TO-220	3
L7908ACV	ST Microelectronics (STM)		UA7908CKCSE3		S	TO-220	3
L79L05ACD	ST Microelectronics (STM)		MC79L05ACD		S		
L79L05ACD13TR	ST Microelectronics (STM)		MC79L05ACDR		S		
L79L12ACZ	ST Microelectronics (STM)		MC79L12ACLPR	Not available in magazine, use tubed	S	TO-92	3
L79L15ABD	ST Microelectronics (STM)		MC79L15ACD		S	SOIC	8
LD1117AD2MTR	ST Microelectronics (STM)		TLV1117CKTTR	0.8A lout	Q	TO-263/DDPAK	3
LD1117ADT	ST Microelectronics (STM)	lout higher, Vin(max) lower	TLV1117CKVURG3	lout lower, Vin(max) higher	Q	TO-252/DPAK	3
LD1117ADT18	ST Microelectronics (STM)	lout higher, Vin(max) lower	TLV1117-18CKVURG3	lout lower, Vin(max) higher	Q	TO-252/DPAK	3
LD1117ADT18TR	ST Microelectronics (STM)	lout higher, Vin(max) lower	TLV1117-18CKVURG3	lout lower, Vin(max) higher	Q	TO-252/DPAK	3
LD1117ADT25TR	ST Microelectronics (STM)	lout higher, Vin(max) lower	TLV1117-25CKVURG3	lout lower, Vin(max) higher	Q	TO-252/DPAK	3
LD1117ADT33TR	ST Microelectronics (STM)	lout higher, Vin(max) lower	TLV1117-25CKVURG3	lout lower, Vin(max) higher	Q	TO-252/DPAK	3
LD1117ADT50TR	ST Microelectronics (STM)	lout higher, Vin(max) lower	TLV1117-33CKVURG3	lout lower, Vin(max) higher	Q	TO-252/DPAK	3
LD1117ADT-R	ST Microelectronics (STM)	lout higher, Vin(max) lower	TLV1117-50CKVURG3	lout lower, Vin(max) higher	Q	TO-252/DPAK	3
LD1117ADT-TR	ST Microelectronics (STM)	lout higher, Vin(max) lower	TLV1117CKVURG3	lout lower, Vin(max) higher	Q	TO-252/DPAK	3
LD1117AS18TR	ST Microelectronics (STM)	lout higher, Vin(max) lower	TLV1117-18CDCYR	lout lower, Vin(max) higher	Q	SOT-223	4
LD1117AS25TR	ST Microelectronics (STM)	lout higher, Vin(max) lower	TLV1117-25CDCYR	lout lower, Vin(max) higher	Q	SOT-223	4
LD1117AS33TR	ST Microelectronics (STM)	lout higher, Vin(max) lower	TLV1117-33CDCYR	lout lower, Vin(max) higher	Q	SOT-223	4
LD1117AS50TR	ST Microelectronics (STM)	lout higher, Vin(max) lower	TLV1117-50CDCYR	lout lower, Vin(max) higher	Q	SOT-223	4
LD1117ASTR	ST Microelectronics (STM)	lout higher, Vin(max) lower	TLV1117CDCYR	lout lower, Vin(max) higher	Q	SOT-223	4
LD1117AST-R	ST Microelectronics (STM)	lout, Vin differ	TLV1117CDCYR		Q	SOT-223	3
LD1117AST-R	ST Microelectronics (STM)	lout higher, Vin(max) lower	TLV1117CDCYR	lout lower, Vin(max) higher	Q	SOT-223	4
LD1117AV	ST Microelectronics (STM)	lout higher, Vin(max) lower	TLV1117CKCS	lout lower, Vin(max) higher	Q	TO-220	3
LD1117AV	ST Microelectronics (STM)	lout, Vin differ	TLV1117CKCSE3		Q	TO-220	3
LD1117DT	ST Microelectronics (STM)		TLV1117CKVURG3		S	TO-252/DPAK	3
LD1117DT18	ST Microelectronics (STM)		TLV1117-18CKVURG3		S	TO-252/DPAK	3
LD1117DT18C	ST Microelectronics (STM)		TLV1117-18IKVURG3		S	TO-252/DPAK	3
LD1117DT18CTR	ST Microelectronics (STM)		TLV1117-18IKVURG3		S	TO-252/DPAK	3
LD1117DT18TR	ST Microelectronics (STM)		TLV1117-18CKVURG3		S	TO-252/DPAK	3
LD1117DT25	ST Microelectronics (STM)		TLV1117-25CKVURG3		S	TO-252/DPAK	3
LD1117DT25C	ST Microelectronics (STM)		TLV1117-25IKVURG3		S	TO-252/DPAK	3
LD1117DT25CTR	ST Microelectronics (STM)		TLV1117-25IKVURG3		S	TO-252/DPAK	3
LD1117DT25TR	ST Microelectronics (STM)		TLV1117-25CKVURG3		S	TO-252/DPAK	3
LD1117DT33	ST Microelectronics (STM)		TLV1117-33CKVURG3		S	TO-252/DPAK	3
LD1117DT33C	ST Microelectronics (STM)		TLV1117-33IKVURG3		S	TO-252/DPAK	3
LD1117DT33CTR	ST Microelectronics (STM)		TLV1117-33IKVURG3		S	TO-252/DPAK	3
LD1117DT33TR	ST Microelectronics (STM)		TLV1117-33CKVURG3		S	TO-252/DPAK	3
LD1117DT50	ST Microelectronics (STM)		TLV1117-50CKVURG3		S	TO-252/DPAK	3
LD1117DT50C	ST Microelectronics (STM)		TLV1117-50IKVURG3		S	TO-252/DPAK	3
LD1117DT50CTR	ST Microelectronics (STM)		TLV1117-50IKVURG3		S	TO-252/DPAK	3
LD1117DT50TR	ST Microelectronics (STM)		TLV1117-50CKVURG3		S	TO-252/DPAK	3
LD1117DTC	ST Microelectronics (STM)	Vin differs	TLV1117IKVURG3		S	TO-252/DPAK	3
LD1117DTC	ST Microelectronics (STM)	Vin differs	TLV1117IKVURG3		S	TO-252/DPAK	3
LD1117DTC-R	ST Microelectronics (STM)		TLV1117IKVURG3		S	TO-252/DPAK	3
LD1117DTTR	ST Microelectronics (STM)		TLV1117CKVURG3		S	TO-252/DPAK	3
LD1117S	ST Microelectronics (STM)		TLV1117CDCY		S	SOT-223	4
LD1117S18CTR	ST Microelectronics (STM)		TLV1117-18IDCYR		S	SOT-223	4
LD1117S18TR	ST Microelectronics (STM)		TLV1117-18CDCYR		S	SOT-223	4
LD1117S25CTR	ST Microelectronics (STM)		TLV1117-25IDCYR		S	SOT-223	4
LD1117S25TR	ST Microelectronics (STM)		TLV1117-25CDCYR		S	SOT-223	4
LD1117S33CTR	ST Microelectronics (STM)		TLV1117-33IDCYR		S	SOT-223	4
LD1117S33TR	ST Microelectronics (STM)		TLV1117-33CDCYR		S	SOT-223	4
LD1117S50	ST Microelectronics (STM)		TLV1117-50CDCY		S	SOT-223	4
LD1117S50CTR	ST Microelectronics (STM)		TLV1117-50IDCYR		S	SOT-223	4
LD1117S50TR	ST Microelectronics (STM)		TLV1117-50CDCYR		S	SOT-223	4
LD1117SC-R	ST Microelectronics (STM)		TLV1117IDCYR		S	SOT-223	3
LD1117STR	ST Microelectronics (STM)		TLV1117CDCYR		S	SOT-223	4
LD1117V	ST Microelectronics (STM)		TLV1117CKCS		S	TO-220	3
LD1117V25C	ST Microelectronics (STM)		TLV1117-25IKCS		S	TO-220	3
LD1117VC	ST Microelectronics (STM)		TLV1117IKCS		S	TO-220	3

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
LD1117VC	ST Microelectronics (STM)		TLV1117KCE3		S	TO-220	3
LD2981ABM30TR	ST Microelectronics (STM)	Stable with ceramic capacitors	LP2981A-30DBVR		S	SOT-23	5
LD2981ABM33TR	ST Microelectronics (STM)	Stable with ceramic capacitors	LP2981A-33DBVR		S	SOT-23	5
LD2981CM30TR	ST Microelectronics (STM)	Stable with ceramic capacitors	LP2981-30DBVR		S	SOT-23	5
LD2981CM33TR	ST Microelectronics (STM)	Stable with ceramic capacitors	LP2981-33DBVR		S	SOT-23	5
LD2985AM18R	ST Microelectronics (STM)		LP2985A-18DBVR		S	SOT-23	5
LD2985AM25R	ST Microelectronics (STM)		LP2985A-25DBVR		S	SOT-23	5
LD2985AM28R	ST Microelectronics (STM)		LP2985A-28DBVR		S	SOT-23	5
LD2985AM30R	ST Microelectronics (STM)		LP2985A-30DBVR		S	SOT-23	5
LD2985AM33R	ST Microelectronics (STM)		LP2985A-33DBVR		S	SOT-23	5
LD2985AM50R	ST Microelectronics (STM)		LP2985A-50DBVR		S	SOT-23	5
LD2985BM18R	ST Microelectronics (STM)		LP2985-18DBVR		S	SOT-23	5
LD2985BM25R	ST Microelectronics (STM)		LP2985-25DBVR		S	SOT-23	5
LD2985BM28R	ST Microelectronics (STM)		LP2985-28DBVR		S	SOT-23	5
LD2985BM30R	ST Microelectronics (STM)		LP2985-30DBVR		S	SOT-23	5
LD2985BM33R	ST Microelectronics (STM)		LP2985-33DBVR		S	SOT-23	5
LD2985BM50R	ST Microelectronics (STM)		LP2985-50DBVR		S	SOT-23	5
LF247D	ST Microelectronics (STM)	GBW differs	TL084ACD		S	SOIC	14
LF251D	ST Microelectronics (STM)	GBW differs	TL081ACD		S	SOIC	8
LF253D	ST Microelectronics (STM)	GBW differs	TL082ACD		S	SOIC	8
LF347BN	National Semiconductor (NSC)		LF347BN		S	PDIP	14
LF347D	ST Microelectronics (STM)	GBW differs	TL084ACD		S	SOIC	14
LF347M	National Semiconductor (NSC)		LF347D		S	SOIC	14
LF347M	Fairchild Semiconductor		LF347D		S	SOIC	14
LF347M	National Semiconductor (NSC)	Av, CMRR, GBW, PSRR differ	TL084ACD		S	SOIC	14
LF347M	National Semiconductor (NSC)	Av, CMRR, GBW, PSRR differ	TL084ACDR		S	SOIC	14
LF347MX	National Semiconductor (NSC)		LF347DR		S	SOIC	14
LF347MX	Fairchild Semiconductor		LF347DR		S	SOIC	14
LF347N	National Semiconductor (NSC)		LF347N		S	PDIP	14
LF347N	Fairchild Semiconductor		LF347N		S	PDIP	14
LF351D	ST Microelectronics (STM)	GBW differs	TL081ACD		S	SOIC	8
LF353D	ST Microelectronics (STM)	GBW differs	TL082ACD		S	SOIC	8
LF353D	ST Microelectronics (STM)	GBW differs	TL082BCD		S	SOIC	8
LF353M	National Semiconductor (NSC)		LF353D		S	SOIC	8
LF353M	Fairchild Semiconductor		LF353D		S	SOIC	8
LF353M	National Semiconductor (NSC)	Av, CMRR, GBW differ	TL082ACD		S	SOIC	8
LF353MX	National Semiconductor (NSC)		LF353DR		S	SOIC	8
LF353MX	Fairchild Semiconductor		LF353DR		S	SOIC	8
LF353N	National Semiconductor (NSC)		LF353P		S	PDIP	8
LF353N	Fairchild Semiconductor		LF353P		S	PDIP	8
LF355AN8	Linear Technology Corp (LTC)	Av, CMRR, GBW, PSRR differ	TL081ACP		S	PDIP	8
LF355AN8	Linear Technology Corp (LTC)	Av, CMRR, GBW, PSRR differ	TL081BCP		S	PDIP	8
LF355BM	National Semiconductor (NSC)	Av, CMRR, GBW, Vs differ	TL081ACD		S	SOIC	8
LF355BM	National Semiconductor (NSC)	Av, CMRR, GBW, Vs differ	TL081BCD		S	SOIC	8
LF355BM	National Semiconductor (NSC)	Av, CMRR, GBW, Vs differ	TL081CD		S	SOIC	8
LF355BN	National Semiconductor (NSC)	Av, CMRR, GBW, Vs differ	TL081ACP		S	PDIP	8
LF355BN	National Semiconductor (NSC)	Av, CMRR, GBW, Vs differ	TL081BCP		S	PDIP	8
LF355M	National Semiconductor (NSC)	CMRR, GBW differ	TL081ACD		S	SOIC	8
LF355M	National Semiconductor (NSC)	CMRR, GBW differ	TL081BCD		S	SOIC	8
LF355M	National Semiconductor (NSC)	CMRR, GBW differ	TL081CD		S	SOIC	8
LF355MX	National Semiconductor (NSC)	CMRR, GBW differ	TL081ACDR		S	SOIC	8
LF355MX	National Semiconductor (NSC)	CMRR, GBW differ	TL081BCDR		S	SOIC	8
LF355MX	National Semiconductor (NSC)	CMRR, GBW differ	TL081CDR		S	SOIC	8
LF355N	National Semiconductor (NSC)	CMRR, GBW differ	TL081ACP		S	PDIP	8
LF355N	National Semiconductor (NSC)	CMRR, GBW differ	TL081BCP		S	PDIP	8
LF355N8	Linear Technology Corp (LTC)	Av, CMRR, GBW, PSRR differ	TL081ACP		S	PDIP	8
LF355N8	Linear Technology Corp (LTC)	Av, CMRR, GBW, PSRR differ	TL081BCP		S	PDIP	8
LF356AN8	Linear Technology Corp (LTC)	Av, CMRR, GBW, PSRR differ	TL081ACP		Q	PDIP	8
LF356AN8	Linear Technology Corp (LTC)	Av, CMRR, GBW, PSRR differ	TL081BCP		Q	PDIP	8
LF356BM	National Semiconductor (NSC)	Av, CMRR, GBW, Vs differ	TL081ACD		Q	SOIC	8
LF356BM	National Semiconductor (NSC)	Av, CMRR, GBW, Vs differ	TL081BCD		Q	SOIC	8
LF356BM	National Semiconductor (NSC)	Av, CMRR, GBW, Vs differ	TL081CD		Q	SOIC	8
LF356BMX	National Semiconductor (NSC)	Av, CMRR, GBW, Vs differ	TL081ACDR		Q	SOIC	8
LF356BMX	National Semiconductor (NSC)	Av, CMRR, GBW, Vs differ	TL081BCDR		Q	SOIC	8

LD1117VC — LF356BMX

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
LF356BMX	National Semiconductor (NSC)	Av, CMRR, GBW, Vs differ	TL081CDR		Q	SOIC	8
LF356BN	National Semiconductor (NSC)	Av, CMRR, GBW, Vs differ	TL081ACP		Q	PDIP	8
LF356BN	National Semiconductor (NSC)	Av, CMRR, GBW, Vs differ	TL081BCP		Q	PDIP	8
LF356M	National Semiconductor (NSC)	CMRR, GBW differ	TL081ACD		Q	SOIC	8
LF356M	National Semiconductor (NSC)	CMRR, GBW differ	TL081BCD		Q	SOIC	8
LF356M	National Semiconductor (NSC)	CMRR, GBW differ	TL081CD		Q	SOIC	8
LF356MX	National Semiconductor (NSC)	CMRR, GBW differ	TL081ACDR		Q	SOIC	8
LF356MX	National Semiconductor (NSC)	CMRR, GBW differ	TL081BCDR		Q	SOIC	8
LF356N	National Semiconductor (NSC)	CMRR, GBW differ	TL081ACP		Q	PDIP	8
LF356N	National Semiconductor (NSC)	CMRR, GBW differ	TL081BCP		Q	PDIP	8
LF356N8	Linear Technology Corp (LTC)	Av, CMRR, GBW, PSRR differ	TL081ACP		Q	PDIP	8
LF356N8	Linear Technology Corp (LTC)	Av, CMRR, GBW, PSRR differ	TL081BCP		Q	PDIP	8
LF411ACN	National Semiconductor (NSC)		LF411CP		Q	PDIP	8
LF411CN	National Semiconductor (NSC)		LF411CP		S	PDIP	8
LF412ACN	National Semiconductor (NSC)		LF412CP		Q	PDIP	8
LF412CN	National Semiconductor (NSC)		LF412CP		S	PDIP	8
LF453CM	National Semiconductor (NSC)	Av, CMRR, GBW, Vs differ	TL082ACDE4		S	SOIC	8
LF453CM	National Semiconductor (NSC)	Av, CMRR, GBW, Vs differ	TL082ACDG4		S	SOIC	8
LF453CMX	National Semiconductor (NSC)	Av, CMRR, GBW, Vs differ	TL082ACDR		S	SOIC	8
LF453CMX	National Semiconductor (NSC)	Av, CMRR, GBW, Vs differ	TL082ACDRE4		S	SOIC	8
LF453CMX	National Semiconductor (NSC)	Av, CMRR, GBW, Vs differ	TL082ACDRG4		S	SOIC	8
LF453CMX	National Semiconductor (NSC)	Av, CMRR, GBW, Vs differ	TL082BCDR		S	SOIC	8
LM1117DT-1.8	National Semiconductor (NSC)		TLV1117-18CKVURG3		S	TO-252/DPAK	3
LM1117DT-2.5	National Semiconductor (NSC)		TLV1117-25CKVURG3		S	TO-252/DPAK	3
LM1117DT-3.3	National Semiconductor (NSC)		TLV1117-33CKVURG3		S	TO-252/DPAK	3
LM1117DT-5.0	National Semiconductor (NSC)		TLV1117-50CKVURG3		S	TO-252/DPAK	3
LM1117DT-ADJ	National Semiconductor (NSC)		TLV1117CKTPRG3		S	TO-252/DPAK	3
LM1117DTX-1.8	National Semiconductor (NSC)		TLV1117-18CKVURG3		S	TO-252/DPAK	3
LM1117DTX-2.5	National Semiconductor (NSC)		TLV1117-25CKVURG3		S	TO-252/DPAK	3
LM1117DTX-3.3	National Semiconductor (NSC)		TLV1117-33CKVURG3		S	TO-252/DPAK	3
LM1117DTX-5.0	National Semiconductor (NSC)		TLV1117-50CKVURG3		S	TO-252/DPAK	3
LM1117DTX-ADJ	National Semiconductor (NSC)		TLV1117CKTPRG3		S	TO-252/DPAK	3
LM1117IDT-3.3	National Semiconductor (NSC)		TLV1117-33IKVURG3		S	TO-252/DPAK	3
LM1117IDT-5.0	National Semiconductor (NSC)		TLV1117-50IKVURG3		S	TO-252/DPAK	3
LM1117IDT-ADJ	National Semiconductor (NSC)		TLV1117IKVURG3		S	TO-252/DPAK	3
LM1117IDTX-3.3	National Semiconductor (NSC)		TLV1117-33IKVURG3		S	TO-252/DPAK	3
LM1117IDTX-5.0	National Semiconductor (NSC)		TLV1117-50IKVURG3		S	TO-252/DPAK	3
LM1117IDTX-ADJ	National Semiconductor (NSC)		TLV1117IKVURG3		S	TO-252/DPAK	3
LM1117ILD-3.3	National Semiconductor (NSC)		TLV1117-33IDRJR		S	LLP	8
LM1117ILD-5.0	National Semiconductor (NSC)		TLV1117-50IDRJR		S	LLP	8
LM1117ILD-ADJ	National Semiconductor (NSC)		TLV1117IDRJR		S	LLP	8
LM1117ILD-3.3	National Semiconductor (NSC)		TLV1117-33IDRJR		S	LLP	8
LM1117ILD-5.0	National Semiconductor (NSC)		TLV1117-50IDRJR		S	LLP	8
LM1117ILD-ADJ	National Semiconductor (NSC)		TLV1117IDRJR		S	LLP	8
LM1117LDP-3.3	National Semiconductor (NSC)		TLV1117-33IDCYR		S	SOT-223	4
LM1117LDP-5.0	National Semiconductor (NSC)		TLV1117-50IDCYR		S	SOT-223	4
LM1117LDP-ADJ	National Semiconductor (NSC)		TLV1117IDCYR		S	SOT-223	4
LM1117LDP-3.3	National Semiconductor (NSC)		TLV1117-33IDCYR		S	SOT-223	4
LM1117LDP-5.0	National Semiconductor (NSC)		TLV1117-50IDCYR		S	SOT-223	4
LM1117LDP-ADJ	National Semiconductor (NSC)		TLV1117IDCYR		S	SOT-223	4
LM1117LD-1.8	National Semiconductor (NSC)		TLV1117-18CDRJR		S	LLP	8
LM1117LD-2.5	National Semiconductor (NSC)		TLV1117-25CDRJR		S	LLP	8
LM1117LD-3.3	National Semiconductor (NSC)		TLV1117-33CDRJR		S	LLP	8
LM1117LD-5.0	National Semiconductor (NSC)		TLV1117-50CDRJR		S	LLP	8
LM1117LD-ADJ	National Semiconductor (NSC)		TLV1117CDRJR		S	LLP	8
LM1117LDX-1.8	National Semiconductor (NSC)		TLV1117-18CDRJR		S	LLP	8
LM1117LDX-2.5	National Semiconductor (NSC)		TLV1117-25CDRJR		S	LLP	8
LM1117LDX-3.3	National Semiconductor (NSC)		TLV1117-33CDRJR		S	LLP	8
LM1117LDX-5.0	National Semiconductor (NSC)		TLV1117-50CDRJR		S	LLP	8
LM1117LDX-ADJ	National Semiconductor (NSC)		TLV1117CDRJR		S	LLP	8
LM1117MP-1.8	National Semiconductor (NSC)		TLV1117-18CDCYR		S	SOT-223	4
LM1117MP-2.5	National Semiconductor (NSC)		TLV1117-25CDCYR		S	SOT-223	4
LM1117MP-3.3	National Semiconductor (NSC)		TLV1117-33CDCYR		S	SOT-223	4
LM1117MP-5.0	National Semiconductor (NSC)		TLV1117-50CDCYR		S	SOT-223	4

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
LM1117MP-ADJ	National Semiconductor (NSC)		TLV1117CDCYR		S	SOT-223	4
LM1117MPX-1.8	National Semiconductor (NSC)		TLV1117-18CDCYR		S	SOT-223	4
LM1117MPX-2.5	National Semiconductor (NSC)		TLV1117-25CDCYR		S	SOT-223	4
LM1117MPX-3.3	National Semiconductor (NSC)		TLV1117-33CDCYR		S	SOT-223	4
LM1117MPX-5.0	National Semiconductor (NSC)		TLV1117-50CDCYR		S	SOT-223	4
LM1117MPX-ADJ	National Semiconductor (NSC)		TLV1117CDCYR		S	SOT-223	4
LM1117S-ADJ	National Semiconductor (NSC)		TLV1117CKTTR		S	TO-263/DDPAK	3
LM1117SX-ADJ	National Semiconductor (NSC)		TLV1117CKTTR		S	TO-263/DDPAK	3
LM1117T-2.5	National Semiconductor (NSC)		TLV1117-25KCS		S	TO-220	3
LM1117T-ADJ	National Semiconductor (NSC)		TLV1117CKCS		S	TO-220	3
LM1458CM	Fairchild Semiconductor		MC1458D		S	SOIC	8
LM1458CMX	Fairchild Semiconductor		MC1458DR		S	SOIC	8
LM1458CN	Fairchild Semiconductor		MC1458P		S	PDIP	8
LM1458M	National Semiconductor (NSC)		MC1458D		S	SOIC	8
LM1458M	Fairchild Semiconductor		MC1458D		S	SOIC	8
LM1458MX	National Semiconductor (NSC)		MC1458DR		S	SOIC	8
LM1458MX	Fairchild Semiconductor		MC1458DR		S	SOIC	8
LM1458N	National Semiconductor (NSC)		MC1458P		S	PDIP	8
LM1458N	Fairchild Semiconductor		MC1458P		S	PDIP	8
LM158J	National Semiconductor (NSC)	GBW differs	LM258P	PDIP not CerDIP	S	CDIP	8
LM211D	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM211D		S	SOIC	8
LM211D-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM211DR		S	SOIC	8
LM211J	National Semiconductor (NSC)	Discontinued 12/07/1993	LM211P	PDIP Not CDIP	S	CDIP	8
LM211J-8	National Semiconductor (NSC)	Discontinued 06/03/1997	LM211P	PDIP Not CDIP	S	CDIP	8
LM211M	National Semiconductor (NSC)	Discontinued 03/10/1998	LM211D		S	SOIC	8
LM211MX	National Semiconductor (NSC)	Discontinued 03/10/1998	LM211DR		S	SOIC	8
LM211N	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM211P		S	PDIP	8
LM224ADT	Fairchild Semiconductor		LM224ADR		S		
LM224AJ	National Semiconductor (NSC)		LM224AN	PDIP Not CDIP	S	CDIP	14
LM224AM	Fairchild Semiconductor		LM224AD		S	SOIC	14
LM224AMX	Fairchild Semiconductor		LM224ADR		S	SOIC	14
LM224AN	Fairchild Semiconductor		LM224AN		S	PDIP	14
LM224D	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM224D		S	SOIC	14
LM224D-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM224DR		S	SOIC	14
LM224J	National Semiconductor (NSC)		LM224N	PDIP Not CDIP	S	CDIP	14
LM224M	Fairchild Semiconductor		LM224D		S	SOIC	14
LM224MX	Fairchild Semiconductor		LM224DR		S	SOIC	14
LM224N	Fairchild Semiconductor		LM224N		S	PDIP	14
LM224N	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM224N		S	PDIP	14
LM224N	ST Microelectronics (STM)	CMRR, GBW, Vs differ	LM224N		S	PDIP	14
LM236AM-2.5	National Semiconductor (NSC)	Discontinued 09/08/1998	LM236D-2-5		S	SOIC	8
LM236AMX-2.5	National Semiconductor (NSC)	Discontinued 12/08/1998	LM236DR-2-5		S	SOIC	8
LM236M-2.5	National Semiconductor (NSC)	Discontinued 09/08/1998	LM236D-2-5		S	SOIC	8
LM236MX-2.5	National Semiconductor (NSC)	Discontinued 09/08/1998	LM236DR-2-5		S	SOIC	8
LM239AD	ST Microelectronics (STM)		LM239AQDREP		S	SOIC	14
LM239AJ	National Semiconductor (NSC)		LM239N	LM239AN is obsolete	Q	CDIP	14
LM239AM	Fairchild Semiconductor		LM239AD		S	SOIC	14
LM239AMX	Fairchild Semiconductor		LM239ADR		S	SOIC	14
LM239AN	Fairchild Semiconductor	Discontinued	LM339AN	Temp range differs	S	PDIP	14
LM239D	ST Microelectronics (STM)		LM239AQDREP		S	SOIC	14
LM239D	NXP Semiconductor		LM239AQDREP		S	SOIC	14
LM239D	On Semiconductor		LM239AQDREP		S	SOIC	14
LM239D	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM239D		S	SOIC	14
LM239DR2	On Semiconductor		LM239AQDRQ1		S	SOIC	14
LM239D-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM239DR		S	SOIC	14
LM239J	National Semiconductor (NSC)		LM239N	PDIP Not CDIP	S	CDIP	14
LM239M	Fairchild Semiconductor		LM239D		S	SOIC	14
LM239MX	Fairchild Semiconductor		LM239DR		S	SOIC	14
LM239N	Fairchild Semiconductor		LM239N		S	PDIP	14
LM239N	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM239N		S	PDIP	14
LM248J	National Semiconductor (NSC)		LM248N	PDIP Not CDIP	S	CDIP	14
LM248M	Fairchild Semiconductor		LM248D		S	SOIC	14
LM248MX	Fairchild Semiconductor		LM248DR		S	SOIC	14
LM248N	Fairchild Semiconductor		LM248N		S	PDIP	14

LM117MP-ADJ — LM248N

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
LM2524DN	National Semiconductor (NSC)		SG2524N		Q	PDIP	16
LM2575-12BN	Micrel		TL2575-12IN		S	PDIP	16
LM2575-12BU	Micrel		TL2575-12IKTTR		S	TO-263/DDPAK	5
LM2575-12WU	Micrel	Pb-Free	TL2575-12IKTTR		S	TO-263/DDPAK	5
LM2575-3.3BN	Micrel		TL2575-33IN		S	PDIP	16
LM2575-3.3BU	Micrel		TL2575-33IKTTR		S	TO-263/DDPAK	5
LM2575-3.3WU	Micrel	Pb-Free	TL2575-33IKTTR		S	TO-263/DDPAK	5
LM2575-5.0BN	Micrel		TL2575-05IN		S	PDIP	16
LM2575-5.0BU	Micrel		TL2575-05IKTTR		S	TO-263/DDPAK	5
LM2575-5.0WU	Micrel	Pb-Free	TL2575-05IKTTR		S	TO-263/DDPAK	5
LM2575BN	Micrel		TL2575-ADJIN		S	PDIP	16
LM2575BU	Micrel		TL2575-ADJIKTTR		S	TO-263/DDPAK	5
LM2575D2T-005	On Semiconductor		TL2575-05IKTTR		S	TO-263/DDPAK	5
LM2575D2T-012	On Semiconductor		TL2575-12IKTTR		S	TO-263/DDPAK	5
LM2575D2T-012G	On Semiconductor	Pb-Free	TL2575-12IKTTR		S	TO-263/DDPAK	5
LM2575D2T-015	On Semiconductor		TL2575-15IKTTR		S	TO-263/DDPAK	5
LM2575D2T-015G	On Semiconductor	Pb-Free	TL2575-15IKTTR		S	TO-263/DDPAK	5
LM2575D2T-12R4	On Semiconductor		TL2575-12IKTTR		S	TO-263/DDPAK	5
LM2575D2T-12R4G	On Semiconductor	Pb-Free	TL2575-12IKTTR		S	TO-263/DDPAK	5
LM2575D2T-15R4	On Semiconductor		TL2575-15IKTTR		S	TO-263/DDPAK	5
LM2575D2T-15R4G	On Semiconductor	Pb-Free	TL2575-15IKTTR		S	TO-263/DDPAK	5
LM2575D2T-3.3	On Semiconductor		TL2575-33IKTTR		S	TO-263/DDPAK	5
LM2575D2T-3.3G	On Semiconductor	Pb-Free	TL2575-33IKTTR		S	TO-263/DDPAK	5
LM2575D2T-3.3R4	On Semiconductor		TL2575-33IKTTR		S	TO-263/DDPAK	5
LM2575D2T-3.3R4G	On Semiconductor	Pb-Free	TL2575-33IKTTR		S	TO-263/DDPAK	5
LM2575D2T-5G	On Semiconductor	Pb-Free	TL2575-05IKTTR		S	TO-263/DDPAK	5
LM2575D2T-5R4	On Semiconductor		TL2575-05IKTTR		S	TO-263/DDPAK	5
LM2575D2T-5R4G	On Semiconductor	Pb-Free	TL2575-05IKTTR		S	TO-263/DDPAK	5
LM2575D2T-ADJ	On Semiconductor		TL2575-ADJIKTTR		S	TO-263/DDPAK	5
LM2575D2T-ADJG	On Semiconductor	Pb-Free	TL2575-ADJIKTTR		S	TO-263/DDPAK	5
LM2575D2T-ADJR4	On Semiconductor		TL2575-ADJIKTTR		S	TO-263/DDPAK	5
LM2575D2T-ADJR4G	On Semiconductor	Pb-Free	TL2575-ADJIKTTR		S	TO-263/DDPAK	5
LM2575HVN-12	National Semiconductor (NSC)		TL2575HV-12IN		S	PDIP	16
LM2575HVN-15	National Semiconductor (NSC)		TL2575HV-15IN		S	PDIP	16
LM2575HVN-5.0	National Semiconductor (NSC)		TL2575HV-05IN		S	PDIP	16
LM2575HVN-ADJ	National Semiconductor (NSC)		TL2575HV-ADJIN		S	PDIP	16
LM2575HVS-12	National Semiconductor (NSC)		TL2575HV-12IKTTR		S	TO-263/DDPAK	5
LM2575HVS-15	National Semiconductor (NSC)		TL2575HV-15IKTTR		S	TO-263/DDPAK	5
LM2575HVS-3.3	National Semiconductor (NSC)		TL2575HV-33IKTTR		S	TO-263/DDPAK	5
LM2575HVS-5.0	National Semiconductor (NSC)		TL2575HV-05IKTTR		S	TO-263/DDPAK	5
LM2575HVS-ADJ	National Semiconductor (NSC)		TL2575HV-ADJIKTTR		S	TO-263/DDPAK	5
LM2575HVSX-12	National Semiconductor (NSC)		TL2575HV-12IKTTR		S	TO-263/DDPAK	5
LM2575HVSX-15	National Semiconductor (NSC)		TL2575HV-15IKTTR		S	TO-263/DDPAK	5
LM2575HVSX-3.3	National Semiconductor (NSC)		TL2575HV-33IKTTR		S	TO-263/DDPAK	5
LM2575HVSX-5.0	National Semiconductor (NSC)		TL2575HV-05IKTTR		S	TO-263/DDPAK	5
LM2575HVSX-ADJ	National Semiconductor (NSC)		TL2575HV-ADJIKTTR		S	TO-263/DDPAK	5
LM2575N-12	National Semiconductor (NSC)		TL2575-12IN		S	PDIP	16
LM2575N-15	National Semiconductor (NSC)		TL2575-15IN		S	PDIP	16
LM2575N-5.0	National Semiconductor (NSC)		TL2575-05IN		S	PDIP	16
LM2575N-ADJ	National Semiconductor (NSC)		TL2575-ADJIN		S	PDIP	16
LM2575S-12	National Semiconductor (NSC)		TL2575-12IKTTR		S	TO-263/DDPAK	5
LM2575S-15	National Semiconductor (NSC)		TL2575-15IKTTR		S	TO-263/DDPAK	5
LM2575S-3.3	National Semiconductor (NSC)		TL2575-33IKTTR		S	TO-263/DDPAK	5
LM2575S-5.0	National Semiconductor (NSC)		TL2575-05IKTTR		S	TO-263/DDPAK	5
LM2575S-ADJ	National Semiconductor (NSC)		TL2575-ADJIKTTR		S	TO-263/DDPAK	5
LM2575SX-12	National Semiconductor (NSC)		TL2575-12IKTTR		S	TO-263/DDPAK	5
LM2575SX-15	National Semiconductor (NSC)		TL2575-15IKTTR		S	TO-263/DDPAK	5
LM2575SX-3.3	National Semiconductor (NSC)		TL2575-33IKTTR		S	TO-263/DDPAK	5
LM2575SX-5.0	National Semiconductor (NSC)		TL2575-05IKTTR		S	TO-263/DDPAK	5
LM2575SX-ADJ	National Semiconductor (NSC)		TL2575-ADJIKTTR		S	TO-263/DDPAK	5
LM2575TV-005	On Semiconductor		TL2575-05IKV		S	TO-220 (Offset)	5
LM2575TV-005G	On Semiconductor	Pb-Free	TL2575-05IKV		S	TO-220 (Offset)	5
LM2575TV-012	On Semiconductor		TL2575-12IKV		S	TO-220 (Offset)	5
LM2575TV-012G	On Semiconductor	Pb-Free	TL2575-12IKV		S	TO-220 (Offset)	5

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
LM2575TV-015	On Semiconductor		TL2575-15IKV		S	TO-220 (Offset)	5
LM2575TV-15G	On Semiconductor	Pb-Free	TL2575-15IKV		S	TO-220 (Offset)	5
LM2575TV-3.3	On Semiconductor		TL2575-33IKV		S	TO-220 (Offset)	5
LM2575TV-3.3G	On Semiconductor	Pb-Free	TL2575-33IKV		S	TO-220 (Offset)	5
LM2575TV-5G	On Semiconductor	Pb-Free	TL2575-05IKV		S	TO-220 (Offset)	5
LM2575TV-ADJ	On Semiconductor		TL2575-ADJIKV		S	TO-220 (Offset)	5
LM2575TV-ADJG	On Semiconductor	Pb-Free	TL2575-ADJIKV		S	TO-220 (Offset)	5
LM2575WU	Micrel	Pb-Free	TL2575-ADJIKTTR		S	TO-263/DDPAK	5
LM258ADT	ST Microelectronics (STM)	GBW differs	LM258DRE4		S	SOIC	8
LM258ADT	ST Microelectronics (STM)	GBW differs	LM258DRG4		S	SOIC	8
LM258AM	Fairchild Semiconductor		LM258AD		S	SOIC	8
LM258AMX	Fairchild Semiconductor		LM258ADR		S	SOIC	8
LM258AN	Fairchild Semiconductor		LM258AP		S	PDIP	8
LM258D	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM258D		S	SOIC	8
LM258DT	ST Microelectronics (STM)	GBW differs	LM258DRE4		S	SOIC	8
LM258DT	ST Microelectronics (STM)	GBW differs	LM258DRG4		S	SOIC	8
LM258D-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM258DR		S	SOIC	8
LM258M	Fairchild Semiconductor		LM258D		S	SOIC	8
LM258N	Fairchild Semiconductor		LM258P		S	PDIP	8
LM258N	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM258P		S	PDIP	8
LM285BXM-1.2	National Semiconductor (NSC)	30 ppm/Deg C	LM285D-1-2	20 ppm/Deg C	S	SOIC	8
LM285BXM-2.5	National Semiconductor (NSC)	30 ppm/Deg C	LM285D-2-5	20 ppm/Deg C	S	SOIC	8
LM285BXM-1.2	National Semiconductor (NSC)	30 ppm/Deg C	LM285DR-1-2	20 ppm/Deg C	S	SOIC	8
LM285BXM-2.5	National Semiconductor (NSC)	30 ppm/Deg C	LM285DR-2-5	20 ppm/Deg C	S	SOIC	8
LM285BXZ-1.2	National Semiconductor (NSC)	30 ppm/Deg C	LM285LP-1-2	20 ppm/Deg C	S	TO-92/TO-226	3
LM285BXZ-2.5	National Semiconductor (NSC)	30 ppm/Deg C	LM285LP-2-5	20 ppm/Deg C	S	TO-92/TO-226	3
LM285BXZ-2.5	National Semiconductor (NSC)		LM285LPE3-2-5		S	TO-92	3
LM285BYM-1.2	National Semiconductor (NSC)	50 ppm/Deg C	LM285D-1-2	20 ppm/Deg C	S	SOIC	8
LM285BYM-2.5	National Semiconductor (NSC)	50 ppm/Deg C	LM285D-2-5	20 ppm/Deg C	S	SOIC	8
LM285BYMX-1.2	National Semiconductor (NSC)	50 ppm/Deg C	LM285DR-1-2	20 ppm/Deg C	S	SOIC	8
LM285BYMX-2.5	National Semiconductor (NSC)	50 ppm/Deg C	LM285DR-2-5	20 ppm/Deg C	S	SOIC	8
LM285BYZ-1.2	National Semiconductor (NSC)	50 ppm/Deg C	LM285LP-1-2	20 ppm/Deg C	S	TO-92/TO-226	3
LM285BYZ-2.5	National Semiconductor (NSC)	50 ppm/Deg C	LM285LP-2-5	20 ppm/Deg C	S	TO-92/TO-226	3
LM285BYZ-2.5	National Semiconductor (NSC)		LM285LPE3-2-5		S	TO-92	3
LM285M-1.2	National Semiconductor (NSC)		LM285D-1-2	20 ppm/Deg C	S	SOIC	8
LM285M-2.5	National Semiconductor (NSC)		LM285D-2-5	20 ppm/Deg C	S	SOIC	8
LM285MX-1.2	National Semiconductor (NSC)		LM285DR-1-2	20 ppm/Deg C	S	SOIC	8
LM285MX-2.5	National Semiconductor (NSC)		LM285DR-2-5	20 ppm/Deg C	S	SOIC	8
LM285Z-1.2	National Semiconductor (NSC)		LM285LP-1-2	20 ppm/Deg C	S	TO-92/TO-226	3
LM285Z-2.5	National Semiconductor (NSC)		LM285LP-2-5	20 ppm/Deg C	S	TO-92/TO-226	3
LM285Z-2.5	National Semiconductor (NSC)		LM285LPE3-2-5		S	TO-92	3
LM2900N	National Semiconductor (NSC)	Discontinued 03/10/1998	LM2900N		S	PDIP	14
LM2901D	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM2901D		S	SOIC	14
LM2901D	On Semiconductor		LM2901D		S	SOIC	14
LM2901DG	On Semiconductor	Pb-Free	LM2901D		S	SOIC	14
LM2901DH	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM2901PW		S	TSSOP	14
LM2901DH-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM2901PWR		S	TSSOP	14
LM2901DR2	On Semiconductor		LM2901DR		S	SOIC	14
LM2901DR2G	On Semiconductor	Pb-Free	LM2901DR		S	SOIC	14
LM2901D-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM2901DR		S	SOIC	14
LM2901DTBR2	On Semiconductor		LM2901PWR		S	TSSOP	14
LM2901DTBR2G	On Semiconductor	Pb-Free	LM2901PWR		S	TSSOP	14
LM2901M	Fairchild Semiconductor		LM2901D		S	SOIC	14
LM2901MX	Fairchild Semiconductor		LM2901DR		S	SOIC	14
LM2901N	Fairchild Semiconductor		LM2901N		S	PDIP	14
LM2901N	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM2901N		S	PDIP	14
LM2901N	On Semiconductor		LM2901N		S	PDIP	14
LM2901NG	On Semiconductor	Pb-Free	LM2901N		S	PDIP	14
LM2902D	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM2902D		S	SOIC	14
LM2902DH	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM2902PW		S	TSSOP	14
LM2902DH-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM2902PWR		S	TSSOP	14
LM2902DT	ST Microelectronics (STM)	CMRR, GBW, PSRR, Vs differ	LM2902QDRQ1		Q	SOIC	14
LM2902D-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM2902DR		S	SOIC	14
LM2902M	Fairchild Semiconductor		LM2902D		S	SOIC	14

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
LM2902M	National Semiconductor (NSC)		LM2902D		S	SOIC	14
LM2902MT	National Semiconductor (NSC)	GBW differs	LM2902KPW		S	TSSOP	14
LM2902MT	National Semiconductor (NSC)		LM2902PW		S	TSSOP	14
LM2902MT	National Semiconductor (NSC)	GBW differs	LM2902PWE4		S	TSSOP	14
LM2902MT	National Semiconductor (NSC)	GBW differs	LM2902PWG4		S	TSSOP	14
LM2902MTX	National Semiconductor (NSC)	GBW differs	LM2902KPWR		S	TSSOP	14
LM2902MTX	National Semiconductor (NSC)		LM2902PWR		S	TSSOP	14
LM2902MTX	National Semiconductor (NSC)	GBW differs	LM2902PWRE4		S	TSSOP	14
LM2902MTX	National Semiconductor (NSC)	GBW differs	LM2902PWRG4		S	TSSOP	14
LM2902MTX	National Semiconductor (NSC)	GBW differs	LM2902QPWRQ1		S	TSSOP	14
LM2902MX	Fairchild Semiconductor		LM2902DR		S	SOIC	14
LM2902MX	National Semiconductor (NSC)		LM2902DR		S	SOIC	14
LM2902N	Fairchild Semiconductor		LM2902N		S	PDIP	14
LM2902N	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM2902N		S	PDIP	14
LM2902N	National Semiconductor (NSC)		LM2902N		S	PDIP	14
LM2902N	ST Microelectronics (STM)	CMRR, GBW, PSRR, Vs differ	LM2902N		Q	PDIP	14
LM2902PT	ST Microelectronics (STM)	CMRR, GBW, PSRR, Vs differ	LM2902PWRE4		Q	TSSOP	14
LM2902PT	ST Microelectronics (STM)	CMRR, GBW, PSRR, Vs differ	LM2902PWRG4		Q	TSSOP	14
LM2903D	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM2903D		S	SOIC	8
LM2903DP	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM2903PWR		S	TSSOP	8
LM2903DP-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM2903PWR		S	TSSOP	8
LM2903D-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM2903DR		S	SOIC	8
LM2903M	Fairchild Semiconductor		LM2903D		S	SOIC	8
LM2903M	National Semiconductor (NSC)		LM2903D		S	SOIC	8
LM2903M	National Semiconductor (NSC)		LM2903DG4		S	SOIC	8
LM2903MX	Fairchild Semiconductor		LM2903DR		S	SOIC	8
LM2903MX	National Semiconductor (NSC)		LM2903DR		S	SOIC	8
LM2903N	Fairchild Semiconductor		LM2903P		S	PDIP	8
LM2903N	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM2903P		S	PDIP	8
LM2903N	National Semiconductor (NSC)		LM2903P		S	PDIP	8
LM2904D	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM2904D		S	SOIC	8
LM2904DP	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM2904PW		S	TSSOP	8
LM2904DP-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM2904PWR		S	TSSOP	8
LM2904D-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM2904DR		S	SOIC	8
LM2904M	Fairchild Semiconductor		LM2904D		S	SOIC	8
LM2904M	National Semiconductor (NSC)		LM2904D		S	SOIC	8
LM2904MX	Fairchild Semiconductor		LM2904DR		S	SOIC	8
LM2904MX	National Semiconductor (NSC)		LM2904DR		S	SOIC	8
LM2904N	Fairchild Semiconductor		LM2904P		S	PDIP	8
LM2904N	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM2904P		S	PDIP	8
LM2904N	National Semiconductor (NSC)		LM2904P		S	PDIP	8
LM2904PT	ST Microelectronics (STM)	CMRR, GBW, PSRR, Vs differ	LM2904PWR		Q	TSSOP	8
LM2930T-5.0	National Semiconductor (NSC)		TL750L05CKCS		S	TO-220	3
LM2931AM-5.0	National Semiconductor (NSC)	100mA max	TL750L05CD	150mA max	S	SOIC	8
LM2931AMX-5.0	National Semiconductor (NSC)	100mA max	TL750L05CDR	150mA max	S	SOIC	8
LM2931AT-5.1	National Semiconductor (NSC)	100mA max	TL750L05CKCS	150mA max	S	TO-220	3
LM2931AZ5	Fairchild Semiconductor	Iout, Vin differ	TL750L05CLP		Q	TO-92	3
LM2931AZ5	Fairchild Semiconductor	Iout, Vin differ	TL750L05CLPE3		Q	TO-92	3
LM2931AZ-5.0	National Semiconductor (NSC)	100mA max	TL750L05CLP	150mA max	S	TO-92/TO-226	3
LM2931AZ-5.0	National Semiconductor (NSC)	Iout differs	TL750L05CLPE3		S	TO-92	3
LM2931M-5.0	National Semiconductor (NSC)	100mA max	TL750L05CD	150mA max	S	SOIC	8
LM2931MX-5.0	National Semiconductor (NSC)	100mA max	TL750L05CDR	150mA max	S	SOIC	8
LM2931T-5.0	National Semiconductor (NSC)	100mA max	TL750L05CKCS	150mA max	S	TO-220	3
LM2931Z-5.0	National Semiconductor (NSC)	100mA max	TL750L05CLP	150mA max	S	TO-92/TO-226	3
LM2931Z-5.0	National Semiconductor (NSC)	Iout differs	TL750L05CLPE3		S	TO-92	3
LM2937ET-12	National Semiconductor (NSC)	Vin differs	UA78M12CKCS		Q	TO-220	3
LM2937ET-5.0	National Semiconductor (NSC)		UA78M05IKCS		S	TO-220	3
LM2937ET-5.0	National Semiconductor (NSC)	Vin differs	UA78M05IKCSE3		Q	TO-220	3
LM2937ET-8.0	National Semiconductor (NSC)	Vin differs	UA78M08CKCS		Q	TO-220	3
LM2937IMP-3.3	National Semiconductor (NSC)		UA78M33CDCY		Q		
LM2937IMP-5.0	National Semiconductor (NSC)		UA78M05IDCYR		S	SOT-223	4
LM2937IMP-8.0	National Semiconductor (NSC)		UA78M08CDCYR		S	SOT-223	4
LM2937IMP-8.0	National Semiconductor (NSC)	Vin differs	UA78M08CDCYRG3		Q	SOT-223	4
LM2937IMPX-3.3	National Semiconductor (NSC)		UA78M33CDCYR		Q		

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
LM2937IMPX-5.0	National Semiconductor (NSC)		UA78M05IDCYR		S	SOT-223	4
LM2937IMPX-8.0	National Semiconductor (NSC)		UA78M08CDCYR		S	SOT-223	4
LM2937IMPX-8.0	National Semiconductor (NSC)	Vin differs	UA78M08CDCYRG3		Q	SOT-223	4
LM293AD	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM293AD		S	SOIC	8
LM293AD-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM293ADR		S	SOIC	8
LM293AM	Fairchild Semiconductor		LM293AD		S	SOIC	8
LM293AMX	Fairchild Semiconductor		LM293ADR		S	SOIC	8
LM293AN	NXP Semiconductor		LM293P		S	PDIP	8
LM293AN	Fairchild Semiconductor		LM293P		S	PDIP	8
LM293D	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM293D		S	SOIC	8
LM293D-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM293DR		S	SOIC	8
LM293M	Fairchild Semiconductor		LM293D		S	SOIC	8
LM293MX	Fairchild Semiconductor		LM293DR		S	SOIC	8
LM293N	Fairchild Semiconductor		LM293P		S	PDIP	8
LM293N	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM293P		S	PDIP	8
LM2940CS-12	National Semiconductor (NSC)	1A Iout	UA7812CKTTR	1.5A Iout, Not available in tubes, use reeled	S	TO-263/DDPAK	3
LM2940CS-15	National Semiconductor (NSC)	1A Iout	UA7815CKTTR	1.5A Iout, Not available in tubes, use reeled	S	TO-263/DDPAK	3
LM2940CS-5.0	National Semiconductor (NSC)	1A Iout	UA7805CKTTR	1.5A Iout, Not available in tubes, use reeled	S	TO-263/DDPAK	3
LM2940CSX-12	National Semiconductor (NSC)	Iout, Vin differ	UA7812CKTTR		S	TO-263/DDPAK	3
LM2940CSX-15	National Semiconductor (NSC)	Iout, Vin differ	UA7815CKTTR		S	TO-263/DDPAK	3
LM2940CSX-5.0	National Semiconductor (NSC)	Iout, Vin differ	UA7805CKTTR		S	TO-263/DDPAK	3
LM2940CT-12	National Semiconductor (NSC)	1A Iout	UA7812CKCS	1.5A Iout	S	TO-220	3
LM2940CT-12	National Semiconductor (NSC)	Iout differs	UA7812CKCSE3		S	TO-220	3
LM2940CT-15	National Semiconductor (NSC)	Iout, Vin differ	UA7815CKCS		Q	TO-220	3
LM2940CT-5.0	National Semiconductor (NSC)	Iout, Vin differ	UA7805CKCS		Q	TO-220	3
LM2940S-10	National Semiconductor (NSC)	1A Iout	UA7810CKTTR	1.5A Iout, Not available in tubes, use reeled	S	TO-263/DDPAK	3
LM2940S-12	National Semiconductor (NSC)	1A Iout	UA7812CKTTR	1.5A Iout, Not available in tubes, use reeled	S	TO-263/DDPAK	3
LM2940S-5.0	National Semiconductor (NSC)	1A Iout	UA7805CKTTR	1.5A Iout, Not available in tubes, use reeled	S	TO-263/DDPAK	3
LM2940S-8.0	National Semiconductor (NSC)	1A Iout	UA7808CKTTR	1.5A Iout, Not available in tubes, use reeled	S	TO-263/DDPAK	3
LM2940SX-10	National Semiconductor (NSC)	Iout, Vin differ	UA7810CKTTR		S	TO-263/DDPAK	3
LM2940SX-12	National Semiconductor (NSC)	Iout, Vin differ	UA7812CKTTR		S	TO-263/DDPAK	3
LM2940SX-5.0	National Semiconductor (NSC)	Iout, Vin differ	UA7805CKTTR		S	TO-263/DDPAK	3
LM2940SX-8.0	National Semiconductor (NSC)	Iout, Vin differ	UA7808CKTTR		S	TO-263/DDPAK	3
LM2940T-10	National Semiconductor (NSC)	Iout differs	UA7810CKCS		S	TO-220	3
LM2940T-12	National Semiconductor (NSC)	1A Iout	UA7812CKCS	1.5A Iout	S	TO-220	3
LM2940T-12	National Semiconductor (NSC)	Iout differs	UA7812CKCSE3		S	TO-220	3
LM2940T-5.0	National Semiconductor (NSC)	Iout differs	UA7805CKCS		S	TO-220	3
LM2940T-8.0	National Semiconductor (NSC)	Iout differs	UA7808CKCS		S	TO-220	3
LM2980IM5-3.3	National Semiconductor (NSC)	50 mA output	LP2981A-33DBVR	100 mA output	S	SOT-23	5
LM2980IM5X-3.3	National Semiconductor (NSC)	50 mA output	LP2981A-33DBVR	100 mA output	S	SOT-23	5
LM307N	National Semiconductor (NSC)	Av, CMRR differ	TL081ACP		S	PDIP	8
LM307N	National Semiconductor (NSC)	Av, CMRR differ	TL081BCP		S	PDIP	8
LM308AM	National Semiconductor (NSC)	Av, CMRR, PSRR differ	TL081ACD		S	SOIC	8
LM311D	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM311D		S	SOIC	8
LM311D-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM311DR		S	SOIC	8
LM311M	Fairchild Semiconductor		LM311D		S	SOIC	8
LM311M	National Semiconductor (NSC)		LM311D		S	SOIC	8
LM311MX	Fairchild Semiconductor		LM311DR		S	SOIC	8
LM311MX	National Semiconductor (NSC)		LM311DR		S	SOIC	8
LM311N	Fairchild Semiconductor		LM311P		S	PDIP	8
LM311N	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM311P		S	PDIP	8
LM311N	National Semiconductor (NSC)		LM311P		S	PDIP	8
LM317AS	National Semiconductor (NSC)	Discontinued 09/03/2002	LM317KTTR		S	TO-263/DDPAK	3
LM317ASX	National Semiconductor (NSC)	Discontinued 09/03/2002	LM317KTTR		S	TO-263/DDPAK	3
LM317BD2T	On Semiconductor		LM317KTTR	Iout differs, Planned	S	TO-263/DDPAK	3
LM317BD2TG	On Semiconductor	Pb-Free	LM317KTTR	Iout differs, Planned	S	TO-263/DDPAK	3
LM317BD2TR4	On Semiconductor		LM317KTTR	Iout differs, Planned	S	TO-263/DDPAK	3
LM317BD2TR4G	On Semiconductor	Pb-Free	LM317KTTR	Iout differs, Planned	S	TO-263/DDPAK	3
LM317D2T	On Semiconductor		LM317KTTR	Planned	S	TO-263/DDPAK	3
LM317D2TG	On Semiconductor	Pb-Free	LM317KTTR	Planned	S	TO-263/DDPAK	3
LM317D2TR4G	On Semiconductor	Pb-Free	LM317KTTR	Planned	S	TO-263/DDPAK	3
LM317EMP	National Semiconductor (NSC)		LM317DCYR		S	SOT-223	4
LM317EMPX	National Semiconductor (NSC)		LM317DCYR		S	SOT-223	4
LM317HVT	National Semiconductor (NSC)	VI-VO=60V max	LM317KCS	VI-VO=35V max, also LM317KC	Q	TO-220	3

LM2937IMPX-5.0 — LM317HVT

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
LM317HVT	National Semiconductor (NSC)	Vin differs	LM317KCS		Q	TO-220	3
LM317LBD	On Semiconductor	Vin, Vout differ	TL317CD		S	SOIC	8
LM317LD	ST Microelectronics (STM)		LM317LCD	VI-VO=35V max	S	SOIC	8
LM317LD	ST Microelectronics (STM)	Vin, Vout differ	LM317LCDR		S	SOIC	8
LM317LD	ST Microelectronics (STM)	Vin, Vout differ	TL317CD		Q	SOIC	8
LM317LD	On Semiconductor	Vin, Vout differ	TL317CD		S	SOIC	8
LM317LD	ST Microelectronics (STM)	Vin, Vout differ	TL317CDR		Q	SOIC	8
LM317LD13TR	ST Microelectronics (STM)		LM317LCDR	VI-VO=35V max	S	SOIC	8
LM317LD13TR	ST Microelectronics (STM)	Vin, Vout differ	TL317CDR		Q	SOIC	8
LM317LD-TR	ST Microelectronics (STM)	Vin, Vout differ	LM317LCDR		S	SOIC	8
LM317LD-TR	ST Microelectronics (STM)	Vin, Vout differ	TL317CDR		Q	SOIC	8
LM317LM	Fairchild Semiconductor	VI-VO=40V max	LM317LCD	VI-VO=35V max	S	SOIC	8
LM317LM	National Semiconductor (NSC)	VI-VO=40V max	LM317LCD	VI-VO=35V max, Temp range differs	S	SOIC	8
LM317LMX	Fairchild Semiconductor	VI-VO=40V max	LM317LCDR	VI-VO=35V max	S	SOIC	8
LM317LMX	National Semiconductor (NSC)	VI-VO=40V max	LM317LCDR	VI-VO=35V max, Temp range differs	S	SOIC	8
LM317LZ	Fairchild Semiconductor	VI-VO=40V max	LM317LCLP	VI-VO=35V max	S	TO-92/TO-226	3
LM317LZ	National Semiconductor (NSC)	VI-VO=40V max, boxed	LM317LCLP	VI-VO=35V max, also LM317LCPR, Temp range differs	S	TO-92/TO-226	3
LM317LZ	ST Microelectronics (STM)		LM317LCLP	VI-VO=35V max	S	TO-92/TO-226	3
LM317LZ	ST Microelectronics (STM)		LM317LCLPE3		S	TO-92	3
LM317LZ	National Semiconductor (NSC)		LM317LCLPE3		S	TO-92	3
LM317LZ	Fairchild Semiconductor		LM317LCLPE3		S	TO-92	3
LM317LZ-AP	ST Microelectronics (STM)		LM317LCLPE3		S	TO-92	3
LM317LZ-AP	ST Microelectronics (STM)	Vin, Vout differ	LM317LCLPR	Not available in magazine, use tubed	S	TO-92	3
LM317LZ-AP	ST Microelectronics (STM)		LM317LCLPRE3		S	TO-92	3
LM317LZ-AP	ST Microelectronics (STM)	Vin, Vout differ	TL317CLPE3		Q	TO-92	3
LM317LZ-AP	ST Microelectronics (STM)	Vin, Vout differ	TL317CLPRE3		Q	TO-92	3
LM317LZ-TR	ST Microelectronics (STM)		LM317LCLPR	VI-VO=35V max	S	TO-92/TO-226	3
LM317LZ-TR	ST Microelectronics (STM)		LM317LCLPRE3		S	TO-92	3
LM317LZ-TR	ST Microelectronics (STM)	Vin, Vout differ	TL317CLPRE3		Q	TO-92	3
LM317LZX	Fairchild Semiconductor	VI-VO=40V max	LM317LCLPR	VI-VO=35V max	S	TO-92/TO-226	3
LM317LZX	Fairchild Semiconductor		LM317LCLPRE3		S	TO-92	3
LM317LZX	Fairchild Semiconductor	Vin, Vout differ	LM317LCLPR	Not available in magazine, use tubed	Q	TO-92	3
LM317LZX	Fairchild Semiconductor		LM317LCLPRE3		S	TO-92	3
LM317MDT	National Semiconductor (NSC)		LM317MKVURG3		S	TO-252/DPAK	2
LM317MDTX	Fairchild Semiconductor		LM317MKVURG3		S	TO-252/DPAK	2
LM317MDTX	National Semiconductor (NSC)		LM317MKVURG3		S	TO-252/DPAK	2
LM317MDTXM	Fairchild Semiconductor		LM317MKVURG3	Packages differ but fit same PCB layout	S	TO-252/DPAK	2
LM317N	Bay Linear	Discontinued	LM317DCYR		S	TO-223	4
LM317S	National Semiconductor (NSC)		LM317KTTR		S	TO-263/DDPAK	3
LM317SX	National Semiconductor (NSC)		LM317KTTR		S	TO-263/DDPAK	3
LM317T	Fairchild Semiconductor		LM317KCS		S	TO-220	3
LM317T	National Semiconductor (NSC)		LM317KCS		S	TO-220	3
LM317T	On Semiconductor		LM317KCS		S	TO-220	3
LM317T	Bay Linear	Discontinued	LM317KCS		S	TO-220	3
LM317TG	On Semiconductor	Pb-Free	LM317KCS		S	TO-220	3
LM318M	National Semiconductor (NSC)		LM318D		S	SOIC	8
LM318MX	National Semiconductor (NSC)		LM318DR		S	SOIC	8
LM318N	National Semiconductor (NSC)		LM318P		S	PDIP	8
LM320LZ-05	National Semiconductor (NSC)		MC79L05ACL		S	TO-92/TO-226	3
LM320LZ-12	National Semiconductor (NSC)		MC79L12ACL		S	TO-92/TO-226	3
LM320LZ-12	National Semiconductor (NSC)		MC79L12ACLPE3		S	TO-92	3
LM320LZ-15	National Semiconductor (NSC)		MC79L15ACL		S	TO-92/TO-226	3
LM320LZ-15	National Semiconductor (NSC)		MC79L15ACLPE3		S	TO-92	3
LM320LZ-5.0	National Semiconductor (NSC)		MC79L05ACL		S	TO-92	3
LM320LZ-5.0	National Semiconductor (NSC)		MC79L05ACLPE3		S	TO-92	3
LM320T-5.0	National Semiconductor (NSC)	Vin differs	UA7905CKCS		Q	TO-220	3
LM324AD	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM324AD		S	SOIC	14
LM324AD	ST Microelectronics (STM)		LM324KAD		S	SOIC	14
LM324ADH	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM324APW		S	TSSOP	14
LM324ADH-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM324APWR		S	TSSOP	14
LM324ADT	ST Microelectronics (STM)		LM324KADR		S	SOIC	14
LM324AD-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM324ADR		S	SOIC	14
LM324AJ	National Semiconductor (NSC)	Discontinued 04/04/1995	LM324AN	PDIP Not CDIP	S	CDIP	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
LM324AM	Fairchild Semiconductor		LM324AD		S	SOIC	14
LM324AM	National Semiconductor (NSC)		LM324AD		S	SOIC	14
LM324AM	National Semiconductor (NSC)	GBW differs	LM324D		S	SOIC	14
LM324AMX	Fairchild Semiconductor		LM324ADR		S	SOIC	14
LM324AMX	National Semiconductor (NSC)		LM324ADR		S	SOIC	14
LM324AN	Fairchild Semiconductor		LM324AN		S	PDIP	14
LM324AN	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM324AN		S	PDIP	14
LM324AN	National Semiconductor (NSC)		LM324AN		S	PDIP	14
LM324AN	ST Microelectronics (STM)		LM324KAN		S	PDIP	14
LM324AP	ST Microelectronics (STM)		LM324KAPW		S	TSSOP	14
LM324APT	ST Microelectronics (STM)	CMRR, GBW, Vs differ	LM324APWR		S	TSSOP	14
LM324APT	ST Microelectronics (STM)	GBW, PSRR differ	LM324APWRG4		S	TSSOP	14
LM324APT	ST Microelectronics (STM)		LM324KAPWR		S	TSSOP	14
LM324APT	ST Microelectronics (STM)	GBW, PSRR differ	LM324KAPWRG4		S	TSSOP	14
LM324APT	ST Microelectronics (STM)	GBW, PSRR differ	LM324PWRE4		S	TSSOP	14
LM324APT	ST Microelectronics (STM)	GBW, PSRR differ	LM324PWRG4		S	TSSOP	14
LM324J	National Semiconductor (NSC)		LM324N	PDIP Not CDIP	S	CDIP	14
LM324M	National Semiconductor (NSC)		LM324D		S	SOIC	14
LM324M	Fairchild Semiconductor		LM324D		S	SOIC	14
LM324MT	National Semiconductor (NSC)	CMMR, GBW differ	LM2902PW		Q	TSSOP	14
LM324MT	National Semiconductor (NSC)	GBW differs	LM324APW		S	TSSOP	14
LM324MT	National Semiconductor (NSC)	GBW differs	LM324APWG4		S	TSSOP	14
LM324MT	National Semiconductor (NSC)	GBW differs	LM324KPW		S	TSSOP	14
LM324MT	National Semiconductor (NSC)		LM324PW		S	TSSOP	14
LM324MT	National Semiconductor (NSC)	GBW differs	LM324PWG4		S	TSSOP	14
LM324MT	National Semiconductor (NSC)	CMMR, PSRR differ	LMV324IPWR		Q	TSSOP	14
LM324MTX	National Semiconductor (NSC)	CMMR, GBW differ	LM2902PWR		Q	TSSOP	14
LM324MTX	National Semiconductor (NSC)	GBW differs	LM324APWR		S	TSSOP	14
LM324MTX	National Semiconductor (NSC)	GBW differs	LM324APWRG4		S	TSSOP	14
LM324MTX	National Semiconductor (NSC)	GBW differs	LM324KAPWRG4		S	TSSOP	14
LM324MTX	National Semiconductor (NSC)	GBW differs	LM324KPWR		S	TSSOP	14
LM324MTX	National Semiconductor (NSC)		LM324PWR		S	TSSOP	14
LM324MTX	National Semiconductor (NSC)	CMMR, PSRR differ	LMV324IPWR		Q	TSSOP	14
LM324MX	National Semiconductor (NSC)		LM324DR		S	SOIC	14
LM324N	National Semiconductor (NSC)		LM324N		S	PDIP	14
LM3302M	Fairchild Semiconductor		LM3302D		S	SOIC	14
LM3302MX	Fairchild Semiconductor		LM3302DR		S	SOIC	14
LM3302N	Fairchild Semiconductor		LM3302N		S	PDIP	14
LM3302N	National Semiconductor (NSC)		LM3302N		S	PDIP	14
LM3303J	National Semiconductor (NSC)		MC3303N	PDIP not CDIP	S	CDIP	14
LM3303M	National Semiconductor (NSC)		MC3303D		S	SOIC	14
LM3303MX	National Semiconductor (NSC)		MC3303DR		S	SOIC	14
LM3303N	National Semiconductor (NSC)		MC3303N		S	PDIP	14
LM330T-5.0	National Semiconductor (NSC)		TL750L05CKCS		S	TO-220	3
LM336BM-2.5	National Semiconductor (NSC)		LM336BD-2.5		S	SOIC	8
LM336BMX-2.5	National Semiconductor (NSC)		LM336DR-2.5		S	SOIC	8
LM336BZ-2.5	National Semiconductor (NSC)		LM336BLP-2.5		S	TO-92	3
LM336BZ-2.5	Linear Technology Corp (LTC)		LM336BLP-2.5		S	TO-92	3
LM336BZ-2.5/T7	National Semiconductor (NSC)		LM336BLP-2.5		S	TO-92	3
LM336BZ25	Fairchild Semiconductor		LM336BLP-2.5		S	TO-92/TO-226	3
LM336BZ25X	Fairchild Semiconductor		LM336BLPR-2.5		S	TO-92/TO-226	3
LM336M-2.5	National Semiconductor (NSC)		LM336BD-2.5		S	SOIC	8
LM336MX-2.5	National Semiconductor (NSC)		LM336BDR-2.5		S	SOIC	8
LM336Z-2.5	National Semiconductor (NSC)		LM336BLP-2.5		S	TO-92	3
LM336Z-2.5	Linear Technology Corp (LTC)		LM336BLP-2.5		S	TO-92	3
LM336Z-2.5#TR	Linear Technology Corp (LTC)		LT1009CLPR		S	TO-92	3
LM336Z-2.5#TR	Linear Technology Corp (LTC)		LT1009CLPRE3		S	TO-92	3
LM336Z-2.5/T7	National Semiconductor (NSC)		LM336BLP-2.5		S	TO-92	3
LM337SP	ST Microelectronics (STM)		LM337KCE3		S	TO-220	3
LM337T	Fairchild Semiconductor		LM337KC		S	TO-220	3
LM337T	Fairchild Semiconductor		LM337KCE3		S	TO-220	3
LM337T	National Semiconductor (NSC)		LM337KCSE3		S	TO-220	3
LM339AD	On Semiconductor	Discontinued	LM339AD		S	SOIC	14
LM339AD	ST Microelectronics (STM)		LM339AD		S	SOIC	14

LM324AM — LM339AD

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
LM339ADR2	On Semiconductor	Discontinued	LM339ADR		S	SOIC	14
LM339ADT	ST Microelectronics (STM)		LM339ADR		S	SOIC	14
LM339AM	Fairchild Semiconductor		LM339AD		S	SOIC	14
LM339AMX	Fairchild Semiconductor		LM339ADR		S	SOIC	14
LM339AN	Fairchild Semiconductor		LM339AN		S	PDIP	14
LM339AN	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM339AN		S	PDIP	14
LM339AN	On Semiconductor	Discontinued	LM339AN		S	PDIP	14
LM339AN	ST Microelectronics (STM)		LM339AN		S	PDIP	14
LM339APT	ST Microelectronics (STM)		LM339APWR		S	TSSOP	14
LM339D	On Semiconductor		LM339D		S	SOIC	14
LM339D	ST Microelectronics (STM)		LM339D		S	SOIC	14
LM339DG	On Semiconductor	Pb-Free	LM339D		S	SOIC	14
LM339DR2	On Semiconductor		LM339DR		S	SOIC	14
LM339DR2G	On Semiconductor	Pb-Free	LM339DR		S	SOIC	14
LM339DT	ST Microelectronics (STM)		LM339DR		S	SOIC	14
LM339DTBR2	On Semiconductor		LM339PWR		S	TSSOP	14
LM339DTBR2G	On Semiconductor	Pb-Free	LM339PWR		S	TSSOP	14
LM339M	Fairchild Semiconductor		LM339D		S	SOIC	14
LM339MX	Fairchild Semiconductor		LM339DR		S	SOIC	14
LM339N	Fairchild Semiconductor		LM339N		S	PDIP	14
LM339N	On Semiconductor		LM339N		S	PDIP	14
LM339N	ST Microelectronics (STM)		LM339N		S	PDIP	14
LM339NG	On Semiconductor	Pb-Free	LM339N		S	PDIP	14
LM339PT	ST Microelectronics (STM)		LM339PWR		S	TSSOP	14
LM3403J	National Semiconductor (NSC)		MC3403N	PDIP not CDIP	S	CDIP	14
LM3403M	National Semiconductor (NSC)		MC3403D		S	SOIC	14
LM3403MX	National Semiconductor (NSC)		MC3403DR		S	SOIC	14
LM3403N	National Semiconductor (NSC)		MC3403N		S	PDIP	14
LM340AS-5.0	National Semiconductor (NSC)	Iout differs	TL780-05CKTTR	Not available in tubes	S	TO-263/DDPAK	3
LM340ASX-5.0	National Semiconductor (NSC)	Iout differs	TL780-05CKTTR		S	TO-263/DDPAK	3
LM340AT-12	National Semiconductor (NSC)	Iout differs	TL780-12KCS		S	TO-220	3
LM340AT-15	National Semiconductor (NSC)	Iout differs	TL780-15KCS		S	TO-220	3
LM340AT-5.0	National Semiconductor (NSC)	Iout differs	TL780-05KCS		S	TO-220	3
LM340S-12	National Semiconductor (NSC)	Iout differs	UA7812CKTTR		S	TO-263/DDPAK	3
LM340S-5.0	National Semiconductor (NSC)	Iout differs	UA7805CKTTR		S	TO-263/DDPAK	3
LM340SX-12	National Semiconductor (NSC)	Iout differs	UA7812CKTTR		S	TO-263/DDPAK	3
LM340SX-5.0	National Semiconductor (NSC)	Iout differs	UA7805CKTTR		S	TO-263/DDPAK	3
LM340T-12	National Semiconductor (NSC)	Iout differs	UA7812CKCS		S	TO-220	3
LM340T-15	National Semiconductor (NSC)	Iout differs	UA7815CKCS		S	TO-220	3
LM340T-5.0	National Semiconductor (NSC)	Iout differs	UA7805CKCS		S	TO-220	3
LM341T-12	National Semiconductor (NSC)		UA78M12CKCS		S	TO-220	3
LM341T-5.0	National Semiconductor (NSC)		UA78M05CKCS		S	TO-220	3
LM341T-8.0	National Semiconductor (NSC)		UA78M08CKCS		S	TO-220	3
LM348M	National Semiconductor (NSC)		LM348D		S	SOIC	14
LM348M	Fairchild Semiconductor	Pb-Free	LM348D		S	SOIC	14
LM348MX	National Semiconductor (NSC)		LM348DR		S	SOIC	14
LM348MX	Fairchild Semiconductor	Pb-Free	LM348DR		S	SOIC	14
LM348N	National Semiconductor (NSC)		LM348N		S	PDIP	14
LM348N	Fairchild Semiconductor	Pb-Free	LM348N		S	PDIP	14
LM3524DM	National Semiconductor (NSC)		SG3524D		Q	SOIC	16
LM3524DMX	National Semiconductor (NSC)		SG3524DR		Q	SOIC	16
LM3524DN	National Semiconductor (NSC)		SG3524N		Q	PDIP	16
LM3524J	National Semiconductor (NSC)	Discontinued 04/04/1995, use LM3524D	SG3524N		Q	CDIP	16
LM3524M	National Semiconductor (NSC)	Discontinued 04/04/1995, use LM3524D	SG3524D		Q	SOIC	16
LM3524MX	National Semiconductor (NSC)	Discontinued 04/04/1995, use LM3524D	SG3524DR		Q	SOIC	16
LM3524N	National Semiconductor (NSC)	Discontinued 06/07/2001, use LM3524D	SG3524N		Q	PDIP	16
LM358AD	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM358AD		S	SOIC	8
LM358AD-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM358ADR		S	SOIC	8
LM358AM	Fairchild Semiconductor		LM358AD		S	SOIC	8
LM358AMX	Fairchild Semiconductor		LM358ADR		S	SOIC	8
LM358AMX	National Semiconductor (NSC)		LM358ADR		S	SOIC	8
LM358AN	Fairchild Semiconductor		LM358AP		S	PDIP	8
LM358AN	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM358AP		S	PDIP	8
LM358AN	National Semiconductor (NSC)		LM358AP		S	PDIP	8

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
LM358D	On Semiconductor		LM358D		S	SOIC	8
LM358D	ST Microelectronics (STM)		LM358D		S	SOIC	8
LM358DG	On Semiconductor	Pb-Free	LM358D		S	SOIC	8
LM358DMR2	On Semiconductor		LM358DGKR		S	MSOP	8
LM358DMR2G	On Semiconductor	Pb-Free	LM358DGKR		S	MSOP	8
LM358DR2	On Semiconductor		LM358DR		S	SOIC	8
LM358DR2G	On Semiconductor	Pb-Free	LM358DR		S	SOIC	8
LM358DT	ST Microelectronics (STM)		LM358DR		S	SOIC	8
LM358M	National Semiconductor (NSC)		LM358D		S	SOIC	8
LM358M	Fairchild Semiconductor		LM358D		S	SOIC	8
LM358MX	National Semiconductor (NSC)		LM358DR		S	SOIC	8
LM358MX	Fairchild Semiconductor		LM358DR		S	SOIC	8
LM358N	On Semiconductor		LM358P		S	PDIP	8
LM358N	National Semiconductor (NSC)		LM358P		S	PDIP	8
LM358N	Fairchild Semiconductor		LM358P		S	PDIP	8
LM358N	ST Microelectronics (STM)		LM358P		S	PDIP	8
LM358NG	On Semiconductor	Pb-Free	LM358P		S	PDIP	8
LM358PT	ST Microelectronics (STM)		LM358PWR		S	TSSOP	8
LM358ST	ST Microelectronics (STM)		LM358DGKR		S	MSOP	8
LM358TP	National Semiconductor (NSC)	Pb-Free	LM358DGKR		S	MSOP	8
LM358TPX	National Semiconductor (NSC)	Pb-Free	LM358DGKR		S	MSOP	8
LM385BM-1.2	National Semiconductor (NSC)		LM385BD-1-2		S	SOIC	8
LM385BM-2.5	National Semiconductor (NSC)		LM385BD-2-5		S	SOIC	8
LM385BMX-1.2	National Semiconductor (NSC)		LM385BDR-1-2		S	SOIC	8
LM385BMX-2.5	National Semiconductor (NSC)		LM385BDR-2-5		S	SOIC	8
LM385BXM-1.2	National Semiconductor (NSC)	30 ppm/Deg C	LM385BD-1-2		S	SOIC	8
LM385BXM-2.5	National Semiconductor (NSC)		LM385BD-2-5		S	SOIC	8
LM385BXM-1.2	National Semiconductor (NSC)	30 ppm/Deg C	LM385BDR-1-2		S	SOIC	8
LM385BXM-2.5	National Semiconductor (NSC)		LM385BDR-2-5		S	SOIC	8
LM385BXZ-1.2	National Semiconductor (NSC)	30 ppm/Deg C	LM385BLP-1-2		S	TO-92/TO-226	3
LM385BXZ-2.5	National Semiconductor (NSC)		LM385BLP-2-5		S	TO-92/TO-226	3
LM385BYM-1.2	National Semiconductor (NSC)	50 ppm/Deg C	LM385BD-1-2		S	SOIC	8
LM385BYM-2.5	National Semiconductor (NSC)		LM385BD-2-5		S	SOIC	8
LM385BYMX-1.2	National Semiconductor (NSC)	50 ppm/Deg C	LM385BDR-1-2		S	SOIC	8
LM385BYMX-2.5	National Semiconductor (NSC)		LM385BDR-2-5		S	SOIC	8
LM385BYZ-1.2	National Semiconductor (NSC)	50 ppm/Deg C	LM385BLP-1-2		S	TO-92/TO-226	3
LM385BYZ-2.5	National Semiconductor (NSC)		LM385BLP-2-5		S	TO-92/TO-226	3
LM385BZ-1.2	National Semiconductor (NSC)		LM385BLP-1-2		S	TO-92/TO-226	3
LM385BZ-2.5	National Semiconductor (NSC)		LM385BLP-2-5		S	TO-92/TO-226	3
LM385M-1.2	National Semiconductor (NSC)	2%	LM385D-1-2	3% (comp 2%)	S	SOIC	8
LM385M-2.5	National Semiconductor (NSC)		LM385D-2-5		S	SOIC	8
LM385MX-1.2	National Semiconductor (NSC)		LM385DR-1-2		S	SOIC	8
LM385MX-2.5	National Semiconductor (NSC)		LM385DR-2-5		S	SOIC	8
LM385Z-1.2	National Semiconductor (NSC)		LM385LP-1-2		S	TO-92/TO-226	3
LM385Z-2.5	National Semiconductor (NSC)		LM385LP-2-5		S	TO-92/TO-226	3
LM385Z-2.5	On Semiconductor		LM385LP-2-5		S	TO-92	3
LM3900M	National Semiconductor (NSC)	Discontinued 10/23/1999	LM3900D		S	SOIC	14
LM3900MX	National Semiconductor (NSC)	Discontinued 10/23/1999	LM3900DR		S	SOIC	14
LM3900N	National Semiconductor (NSC)	Discontinued 10/23/1999	LM3900N		S	PDIP	14
LM392M	National Semiconductor (NSC)		LM392D		S	SOIC	8
LM392MX	National Semiconductor (NSC)		LM392DR		S	SOIC	8
LM392P	National Semiconductor (NSC)		LM392P		S	PDIP	8
LM393AD	NXP Semiconductor	Discontinued DN-52, 03/19/2004	LM393AD		S	SOIC	8
LM393ADT	Fairchild Semiconductor		LM393ADR		S		
LM393AD-T	NXP Semiconductor	Discontinued DN-52, 03/19/2004	LM393ADR		S	SOIC	8
LM393AJ	National Semiconductor (NSC)	Discontinued 12/07/1993	LM393AP	PDIP Not CDIP	S	CDIP	8
LM393AM	Fairchild Semiconductor		LM393AD		S	SOIC	8
LM393AMX	Fairchild Semiconductor		LM393ADR		S	SOIC	8
LM393AN	Fairchild Semiconductor		LM393AP		S	PDIP	8
LM393AN	NXP Semiconductor	Discontinued DN-52, 03/19/2004	LM393AP		S	PDIP	8
LM393D	NXP Semiconductor	Discontinued DN-52, 03/19/2004	LM393D		S	SOIC	8
LM393DP	NXP Semiconductor	Discontinued DN-52, 03/19/2004	LM393PW		S	TSSOP	8
LM393DP-T	NXP Semiconductor	Discontinued DN-52, 03/19/2004	LM393PWR		S	TSSOP	8
LM393D-T	NXP Semiconductor	Discontinued DN-52, 03/19/2004	LM393DR		S	SOIC	8

LM358D — LM393D-T

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
LM393J	National Semiconductor (NSC)	Discontinued 12/07/1993	LM393P	PDIP Not CDIP	S	CDIP	8
LM393M	Fairchild Semiconductor		LM393D		S	SOIC	8
LM393M	National Semiconductor (NSC)		LM393D		S	SOIC	8
LM393MX	Fairchild Semiconductor		LM393DR		S	SOIC	8
LM393MX	National Semiconductor (NSC)		LM393DR		S	SOIC	8
LM393N	Fairchild Semiconductor		LM393P		S	PDIP	8
LM393N	NXP Semiconductor	Discontinued DN-52, 03/19/2004	LM393P		S	PDIP	8
LM393N	National Semiconductor (NSC)		LM393P		S	PDIP	8
LM397MF	National Semiconductor (NSC)		TL331IDBVT	Gain and prop delays differ slightly	Q	SOT-23	5
LM397MFX	National Semiconductor (NSC)		TL331IDBVR	Gain and prop delays differ slightly	Q	SOT-23	5
LM4040AEM3-2.1-T	Maxim		LM4040A20IDBZR		S	SOT-23	3
LM4040AEM3-2.5-T	Maxim		LM4040A25IDBZR		S	SOT-23	3
LM4040AEM3-3.0-T	Maxim		LM4040A30IDBZR		S	SOT-23	3
LM4040AEM3-4.1-T	Maxim		LM4040A41IDBZR		S	SOT-23	3
LM4040AEM3-5.0-T	Maxim		LM4040A50IDBZR		S	SOT-23	3
LM4040AIM3-10.0	National Semiconductor (NSC)		LM4040A10IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040AIM3-2.1-T	Maxim		LM4040A20IDBZR		S	SOT-23	3
LM4040AIM3-2.5	National Semiconductor (NSC)		LM4040A25IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040AIM3-2.5	Micrel	Obsolete	LM4040A25IDBZR		S	SOT-23	3
LM4040AIM3-2.5 TR	Micrel	Obsolete	LM4040A25IDBZR		S	SOT-23	3
LM4040AIM3-2.5-T	Maxim		LM4040A25IDBZR		S	SOT-23	3
LM4040AIM3-3.0	National Semiconductor (NSC)		LM4040A30IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040AIM3-3.0-T	Maxim		LM4040A30IDBZR		S	SOT-23	3
LM4040AIM3-4.1	National Semiconductor (NSC)		LM4040A41IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040AIM3-4.1	Micrel	Discontinued	LM4040A41IDBZR		S	SOT-23	3
LM4040AIM3-4.1 TR	Micrel	Discontinued	LM4040A41IDBZR		S	SOT-23	3
LM4040AIM3-4.1-T	Maxim		LM4040A41IDBZR		S	SOT-23	3
LM4040AIM3-5	Maxim		LM4040A50IDBZR		S		
LM4040AIM3-5.0	National Semiconductor (NSC)		LM4040A50IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040AIM3-5.0	Micrel	Obsolete	LM4040A50IDBZR		S	SOT-23	3
LM4040AIM3-5.0 TR	Micrel	Obsolete	LM4040A50IDBZR		S	SOT-23	3
LM4040AIM3-5.0-T	Maxim		LM4040A50IDBZR		S	SOT-23	3
LM4040AIM3-8.2	National Semiconductor (NSC)		LM4040A82IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040AIM3X-10.0	National Semiconductor (NSC)		LM4040A10IDBZR		S	SOT-23	3
LM4040AIM3X-2.5	National Semiconductor (NSC)		LM4040A25IDBZR		S	SOT-23	3
LM4040AIM3X-3.0	National Semiconductor (NSC)		LM4040A30IDBZR		S	SOT-23	3
LM4040AIM3X-4.1	National Semiconductor (NSC)		LM4040A41IDBZR		S	SOT-23	3
LM4040AIM3X-5.0	National Semiconductor (NSC)		LM4040A50IDBZR		S	SOT-23	3
LM4040AIM3X-8.2	National Semiconductor (NSC)		LM4040A82IDBZR		S	SOT-23	3
LM4040AIX3-2.5	Maxim		LM4040A25IDCKR		S		
LM4040AIZ-10.0	National Semiconductor (NSC)		LM4040A10ILP	Planned	S	TO-92	3
LM4040AIZ-2.5	National Semiconductor (NSC)		LM4040A25ILP	Planned	S	TO-92	3
LM4040AIZ-3.0	National Semiconductor (NSC)		LM4040A30ILP	Planned	S	TO-92	3
LM4040AIZ-4.1	National Semiconductor (NSC)		LM4040A41ILP	Planned	S	TO-92	3
LM4040AIZ-5.0	National Semiconductor (NSC)		LM4040A50ILP	Planned	S	TO-92	3
LM4040BEM3-2.1-T	Maxim		LM4040B20IDBZR		S	SOT-23	3
LM4040BEM3-2.5-T	Maxim		LM4040B25IDBZR		S	SOT-23	3
LM4040BEM3-3.0-T	Maxim		LM4040B30IDBZR		S	SOT-23	3
LM4040BEM3-4.1-T	Maxim		LM4040B41IDBZR		S	SOT-23	3
LM4040BEM3-5.0-T	Maxim		LM4040B50IDBZR		S	SOT-23	3
LM4040BIM3-10.0	National Semiconductor (NSC)		LM4040B10IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040BIM3-2.1-T	Maxim		LM4040B20IDBZR		S	SOT-23	3
LM4040BIM3-2.5	National Semiconductor (NSC)		LM4040B25IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040BIM3-2.5	Micrel	Obsolete	LM4040B25IDBZR		S	SOT-23	3
LM4040BIM3-2.5 TR	Micrel	Obsolete	LM4040B25IDBZR		S	SOT-23	3
LM4040BIM3-2.5-T	Maxim		LM4040B25IDBZR		S	SOT-23	3
LM4040BIM3-3.0	National Semiconductor (NSC)		LM4040B30IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040BIM3-3.0-T	Maxim		LM4040B30IDBZR		S	SOT-23	3
LM4040BIM3-4.1	National Semiconductor (NSC)		LM4040B41IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040BIM3-4.1	Micrel	Obsolete	LM4040B41IDBZR		S	SOT-23	3
LM4040BIM3-4.1 TR	Micrel	Obsolete	LM4040B41IDBZR		S	SOT-23	3
LM4040BIM3-4.1-T	Maxim		LM4040B41IDBZR		S	SOT-23	3
LM4040BIM3-5.0	National Semiconductor (NSC)		LM4040B50IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040BIM3-5.0	Micrel	Obsolete	LM4040B50IDBZR		S	SOT-23	3

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
LM4040BIM3-5.0 TR	Micrel	Obsolete	LM4040B50IDBZR		S	SOT-23	3
LM4040BIM3-5.0-T	Maxim		LM4040B50IDBZR		S	SOT-23	3
LM4040BIM3-8.2	National Semiconductor (NSC)		LM4040B82IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040BIM3X-10.0	National Semiconductor (NSC)		LM4040B10IDBZR		S	SOT-23	3
LM4040BIM3X-2.5	National Semiconductor (NSC)		LM4040B25IDBZR		S	SOT-23	3
LM4040BIM3X-3.0	National Semiconductor (NSC)		LM4040B30IDBZR		S	SOT-23	3
LM4040BIM3X-4.1	National Semiconductor (NSC)		LM4040B41IDBZR		S	SOT-23	3
LM4040BIM3X-5.0	National Semiconductor (NSC)		LM4040B50IDBZR		S	SOT-23	3
LM4040BIM3X-8.2	National Semiconductor (NSC)		LM4040B82IDBZR		S	SOT-23	3
LM4040BIM7-2.5	National Semiconductor (NSC)		LM4040B25IDCKR	Also available in DBZT (250 units)	S	SC70	5
LM4040BIM7-3.0	National Semiconductor (NSC)		LM4040B30IDCKR	Also available in DCKT (250 units)	S	SC70	5
LM4040BIM7-4.1	National Semiconductor (NSC)		LM4040B41IDCKR	Also available in DCKT (250 units)	S	SC70	5
LM4040BIM7-5.0	National Semiconductor (NSC)		LM4040B50IDCKR	Also available in DCKT (250 units)	S	SC70	5
LM4040BIM7X-2.5	National Semiconductor (NSC)		LM4040B25IDCKR		S	SC70	5
LM4040BIM7X-3.0	National Semiconductor (NSC)		LM4040B30IDCKR		S	SC70	5
LM4040BIM7X-4.1	National Semiconductor (NSC)		LM4040B41IDCKR		S	SC70	5
LM4040BIM7X-5.0	National Semiconductor (NSC)		LM4040B50IDCKR		S	SC70	5
LM4040BIX3-2.5	Maxim		LM4040B25IDCKR		S		
LM4040BIZ-10.0	National Semiconductor (NSC)		LM4040B10ILP	Planned	S	TO-92	3
LM4040BIZ-2.5	National Semiconductor (NSC)		LM4040B25ILP	Planned	S	TO-92	3
LM4040BIZ-3.0	National Semiconductor (NSC)		LM4040B30ILP	Planned	S	TO-92	3
LM4040BIZ-4.1	National Semiconductor (NSC)		LM4040B41ILP	Planned	S	TO-92	3
LM4040BIZ-5.0	National Semiconductor (NSC)		LM4040B50ILP	Planned	S	TO-92	3
LM4040CEM3-2.0	National Semiconductor (NSC)		LM4040C20QDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040CEM3-2.1-T	Maxim		LM4040C20IDBZR		S	SOT-23	3
LM4040CEM3-2.5	National Semiconductor (NSC)		LM4040C25QDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040CEM3-2.5-T	Maxim		LM4040C25QDBZR		S	SOT-23	3
LM4040CEM3-3.0	National Semiconductor (NSC)		LM4040C30QDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040CEM3-3.0-T	Maxim		LM4040C30QDBZR		S	SOT-23	3
LM4040CEM3-4.1-T	Maxim		LM4040C41IDBZR		S	SOT-23	3
LM4040CEM3-5.0	National Semiconductor (NSC)		LM4040C50QDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040CEM3-5.0-T	Maxim		LM4040C50QDBZR		S	SOT-23	3
LM4040CIM3-10.0	National Semiconductor (NSC)		LM4040C10IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040CIM3-2.0	National Semiconductor (NSC)		LM4040C20IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040CIM3-2.1-T	Maxim		LM4040C20IDBZR		S	SOT-23	3
LM4040CIM3-2.5	National Semiconductor (NSC)		LM4040C25IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040CIM3-2.5	Micrel		LM4040C25IDBZR		S	SOT-23	3
LM4040CIM3-2.5	Maxim		LM4040C25IDBZR	Tape & reel	S		
LM4040CIM3-2.5 TR	Micrel		LM4040C25IDBZR		S	SOT-23	3
LM4040CIM3-2.5-T	Maxim		LM4040C25IDBZR		S	SOT-23	3
LM4040CIM3-3.0	National Semiconductor (NSC)		LM4040C30IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040CIM3-3.0-T	Maxim		LM4040C30IDBZR		S	SOT-23	3
LM4040CIM3-4.1	National Semiconductor (NSC)		LM4040C41IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040CIM3-4.1	Micrel		LM4040C41IDBZR		S	SOT-23	3
LM4040CIM3-4.1 TR	Micrel		LM4040C41IDBZR		S	SOT-23	3
LM4040CIM3-4.1-T	Maxim		LM4040C41IDBZR		S	SOT-23	3
LM4040CIM3-5.0	National Semiconductor (NSC)		LM4040C50IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040CIM3-5.0	Micrel		LM4040C50IDBZR		S	SOT-23	3
LM4040CIM3-5.0 TR	Micrel		LM4040C50IDBZR		S	SOT-23	3
LM4040CIM3-5.0-T	Maxim		LM4040C50IDBZR		S	SOT-23	3
LM4040CIM3-8.2	National Semiconductor (NSC)		LM4040C82IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040CIM3X-10.0	National Semiconductor (NSC)		LM4040C10IDBZR		S	SOT-23	3
LM4040CIM3X-2.0	National Semiconductor (NSC)		LM4040C20IDBZR		S	SOT-23	3
LM4040CIM3X-2.5	National Semiconductor (NSC)		LM4040C25IDBZR		S	SOT-23	3
LM4040CIM3X-2.5	Maxim		LM4040C25IDBZR		S		
LM4040CIM3X-3.0	National Semiconductor (NSC)		LM4040C30IDBZR		S	SOT-23	3
LM4040CIM3X-4.1	National Semiconductor (NSC)		LM4040C41IDBZR		S	SOT-23	3
LM4040CIM3X-5.0	National Semiconductor (NSC)		LM4040C50IDBZR		S	SOT-23	3
LM4040CIM3X-8.2	National Semiconductor (NSC)		LM4040C82IDBZR		S	SOT-23	3
LM4040CIM7-2.0	National Semiconductor (NSC)		LM4040C20IDCKR	Also available in DCKT (250 units)	S	SC70	5
LM4040CIM7-2.5	National Semiconductor (NSC)		LM4040C25IDCKR	Also available in DCKT (250 units)	S	SC70	5
LM4040CIM7-3.0	National Semiconductor (NSC)		LM4040C30IDCKR	Also available in DCKT (250 units)	S	SC70	5
LM4040CIM7-4.1	National Semiconductor (NSC)		LM4040C41IDCKR	Also available in DCKT (250 units)	S	SC70	5
LM4040CIM7-5.0	National Semiconductor (NSC)		LM4040C50IDCKR	Also available in DCKT (250 units)	S	SC70	5

LM4040BIM3-5.0 TR — LM4040CIM7-5.0

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
LM4040CIM7X-2.0	National Semiconductor (NSC)		LM4040C20IDCKR		S	SC70	5
LM4040CIM7X-2.5	National Semiconductor (NSC)		LM4040C25IDCKR		S	SC70	5
LM4040CIM7X-3.0	National Semiconductor (NSC)		LM4040C30IDCKR		S	SC70	5
LM4040CIM7X-4.1	National Semiconductor (NSC)		LM4040C41IDCKR		S	SC70	5
LM4040CIM7X-5.0	National Semiconductor (NSC)		LM4040C50IDCKR		S	SC70	5
LM4040CIZ-10.0	National Semiconductor (NSC)		LM4040C10ILP		S	TO-92	3
LM4040CIZ-2.0	National Semiconductor (NSC)		LM4040C20ILP	Planned	S	TO-92	3
LM4040CIZ-2.5	National Semiconductor (NSC)		LM4040C25ILP		S	TO-92	3
LM4040CIZ-3.0	National Semiconductor (NSC)		LM4040C30ILP	Planned	S	TO-92	3
LM4040CIZ-4.1	National Semiconductor (NSC)		LM4040C41ILP	Planned	S	TO-92	3
LM4040CIZ-5.0	National Semiconductor (NSC)		LM4040C50ILP	Planned	S	TO-92	3
LM4040CYM3-2.5	Micrel	Pb-Free	LM4040C25IDBZR		S	SOT-23	3
LM4040CYM3-2.5 TR	Micrel	Pb-Free	LM4040C25IDBZR		S	SOT-23	3
LM4040CYM3-4.1	Micrel	Pb-Free	LM4040C41IDBZR		S	SOT-23	3
LM4040CYM3-4.1 TR	Micrel	Pb-Free	LM4040C41IDBZR		S	SOT-23	3
LM4040CYM3-5.0	Micrel	Pb-Free	LM4040C50IDBZR		S	SOT-23	3
LM4040CYM3-5.0 TR	Micrel	Pb-Free	LM4040C50IDBZR		S	SOT-23	3
LM4040DEM3-2.0	National Semiconductor (NSC)		LM4040D20QDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040DEM3-2.1-T	Maxim		LM4040D20IDBZR		S	SOT-23	3
LM4040DEM3-2.5	National Semiconductor (NSC)		LM4040D25QDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040DEM3-2.5-T	Maxim		LM4040D25QDBZR		S	SOT-23	3
LM4040DEM3-3.0	National Semiconductor (NSC)		LM4040D30QDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040DEM3-3.0-T	Maxim		LM4040D30QDBZR		S	SOT-23	3
LM4040DEM3-4.1-T	Maxim		LM4040D41IDBZR		S	SOT-23	3
LM4040DEM3-5.0	National Semiconductor (NSC)		LM4040D50QDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040DIM3-10.0	National Semiconductor (NSC)		LM4040D10IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040DIM3-2.0	National Semiconductor (NSC)		LM4040D20IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040DIM3-2.1-T	Maxim		LM4040D20IDBZR		S	SOT-23	3
LM4040DIM3-2.5	National Semiconductor (NSC)		LM4040D25IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040DIM3-2.5 TR	Micrel		LM4040D25IDBZR		S	SOT-23	3
LM4040DIM3-2.5-T	Maxim		LM4040D25IDBZR		S	SOT-23	3
LM4040DIM3-3.0	National Semiconductor (NSC)		LM4040D30IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040DIM3-3.0-T	Maxim		LM4040D30IDBZR		S	SOT-23	3
LM4040DIM3-4.1	National Semiconductor (NSC)		LM4040D41IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040DIM3-4.1 TR	Micrel		LM4040D41IDBZR		S	SOT-23	3
LM4040DIM3-4.1-T	Maxim		LM4040D41IDBZR		S	SOT-23	3
LM4040DIM3-5.0	National Semiconductor (NSC)		LM4040D50IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040DIM3-5.0 TR	Micrel		LM4040D50IDBZR		S	SOT-23	3
LM4040DIM3-5.0-T	Maxim		LM4040D50IDBZR		S	SOT-23	3
LM4040DIM3-8.2	National Semiconductor (NSC)		LM4040D82IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040DIM3X-10.0	National Semiconductor (NSC)		LM4040D10IDBZR		S	SOT-23	3
LM4040DIM3X-2.0	National Semiconductor (NSC)		LM4040D20IDBZR		S	SOT-23	3
LM4040DIM3X-2.5	National Semiconductor (NSC)		LM4040D25IDBZR		S	SOT-23	3
LM4040DIM3X-3.0	National Semiconductor (NSC)		LM4040D30IDBZR		S	SOT-23	3
LM4040DIM3X-4.1	National Semiconductor (NSC)		LM4040D41IDBZR		S	SOT-23	3
LM4040DIM3X-5.0	National Semiconductor (NSC)		LM4040D50IDBZR		S	SOT-23	3
LM4040DIM3X-8.2	National Semiconductor (NSC)		LM4040D82IDBZR		S	SOT-23	3
LM4040DIM7-2.0	National Semiconductor (NSC)		LM4040D20IDCKR	Also available in DCKT (250 units)	S	SC70	5
LM4040DIM7-2.5	National Semiconductor (NSC)		LM4040D25IDCKR	Also available in DCKT (250 units)	S	SC70	5
LM4040DIM7-3.0	National Semiconductor (NSC)		LM4040D30IDCKR	Also available in DCKT (250 units)	S	SC70	5
LM4040DIM7-4.1	National Semiconductor (NSC)		LM4040D41IDCKR	Also available in DCKT (250 units)	S	SC70	5
LM4040DIM7-5.0	National Semiconductor (NSC)		LM4040D50IDCKR	Also available in DCKT (250 units)	S	SC70	5
LM4040DIM7X-2.0	National Semiconductor (NSC)		LM4040D20IDCKR		S	SC70	5
LM4040DIM7X-2.5	National Semiconductor (NSC)		LM4040D25IDCKR		S	SC70	5
LM4040DIM7X-3.0	National Semiconductor (NSC)		LM4040D30IDCKR		S	SC70	5
LM4040DIM7X-4.1	National Semiconductor (NSC)		LM4040D41IDCKR		S	SC70	5
LM4040DIM7X-5.0	National Semiconductor (NSC)		LM4040D50IDCKR		S	SC70	5
LM4040DIZ-10.0	National Semiconductor (NSC)		LM4040D10ILP		S	TO-92	3
LM4040DIZ-2.0	National Semiconductor (NSC)		LM4040D20ILP	Planned	S	TO-92	3
LM4040DIZ-2.5	National Semiconductor (NSC)		LM4040D25ILP		S	TO-92	3
LM4040DIZ-3.0	National Semiconductor (NSC)		LM4040D30ILP	Planned	S	TO-92	3

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
LM4040DIZ-4.1	National Semiconductor (NSC)		LM4040D41LP	Planned	S	TO-92	3
LM4040DIZ-5.0	National Semiconductor (NSC)		LM4040D50ILP	Planned	S	TO-92	3
LM4040DYM3-2.5	Micrel	Pb-Free	LM4040D25IDBZR		S	SOT-23	3
LM4040DYM3-2.5 TR	Micrel	Pb-Free	LM4040D25IDBZR		S	SOT-23	3
LM4040DYM3-4.1	Micrel	Pb-Free	LM4040D41IDBZR		S	SOT-23	3
LM4040DYM3-4.1 TR	Micrel	Pb-Free	LM4040D41IDBZR		S	SOT-23	3
LM4040DYM3-5.0	Micrel	Pb-Free	LM4040D50IDBZR		S	SOT-23	3
LM4040DYM3-5.0 TR	Micrel	Pb-Free	LM4040D50IDBZR		S	SOT-23	3
LM4040EEM3-2.0	National Semiconductor (NSC)	+/- 2%	LM4040D20QDBZR	+/- 1%, Also available in DCKT (250 units)	S	SOT-23	3
LM4040EEM3-2.5	National Semiconductor (NSC)	+/- 2%	LM4040D25QDBZR	+/- 1%, Also available in DCKT (250 units)	S	SOT-23	3
LM4040EEM3-3.0	National Semiconductor (NSC)	+/- 2%	LM4040D30QDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4040EIM3-2.0	National Semiconductor (NSC)	+/- 2%	LM4040D20IDBZR	+/- 1%, Also available in DBZT (250 units)	S	SOT-23	3
LM4040EIM3-2.5	National Semiconductor (NSC)	+/- 2%	LM4040D25IDBZR	+/- 1%, Also available in DBZT (250 units)	S	SOT-23	3
LM4040EIM3-3.0	National Semiconductor (NSC)	+/- 2%	LM4040D30IDBZR	+/- 1%, Also available in DBZT (250 units)	S	SOT-23	3
LM4040EIM3X-2.0	National Semiconductor (NSC)	+/- 2%	LM4040D20IDBZR	+/- 1%	S	SOT-23	3
LM4040EIM3X-2.5	National Semiconductor (NSC)	+/- 2%	LM4040D25IDBZR	+/- 1%	S	SOT-23	3
LM4040EIM3X-3.0	National Semiconductor (NSC)	+/- 2%	LM4040D30IDBZR	+/- 1%	S	SOT-23	3
LM4040EIM7-2.0	National Semiconductor (NSC)	+/- 2%	LM4040D20IDCKR	+/- 1%, Also available in DCKT (250 units)	S	SC70	5
LM4040EIM7-2.5	National Semiconductor (NSC)	+/- 2%	LM4040D25IDCKR	+/- 1%, Also available in DCKT (250 units)	S	SC70	5
LM4040EIM7-3.0	National Semiconductor (NSC)	+/- 2%	LM4040D30IDCKR	+/- 1%, Also available in DCKT (250 units)	S	SC70	5
LM4040EIM7X-2.0	National Semiconductor (NSC)	+/- 2%	LM4040D20IDCKR	+/- 1%	S	SC70	5
LM4040EIM7X-2.5	National Semiconductor (NSC)	+/- 2%	LM4040D25IDCKR	+/- 1%	S	SC70	5
LM4040EIM7X-3.0	National Semiconductor (NSC)	+/- 2%	LM4040D30IDCKR	+/- 1%	S	SC70	5
LM4040EIZ-2.0	National Semiconductor (NSC)	+/- 2%	LM4040D20ILP	Planned, +/- 1%	S	TO-92	3
LM4040EIZ-2.5	National Semiconductor (NSC)	+/- 2%	LM4040D25ILP	+/- 1%	S	TO-92	3
LM4040EIZ-3.0	National Semiconductor (NSC)	+/- 2%	LM4040D30ILP	Planned, +/- 1%	S	TO-92	3
LM4041AEM3-1.2-T	Maxim		LM4041A12IDBZR		S	SOT-23	3
LM4041AIM3-1.2	National Semiconductor (NSC)		LM4041A12IDBZR		S	SOT-23	3
LM4041AIM3-1.2	Micrel	Obsolete	LM4041A12IDBZR		S	SOT-23	3
LM4041AIM3-1.2 TR	Micrel	Obsolete	LM4041A12IDBZR		S	SOT-23	3
LM4041AIM3-1.2-T	Maxim		LM4041A12IDBZR		S	SOT-23	3
LM4041AIM3X-1.2	National Semiconductor (NSC)		LM4041A12IDBZR		S	SOT-23	3
LM4041AIZ-1.2	National Semiconductor (NSC)		LM4041A12ILP	Planned	S	TO-92	3
LM4041BEM3-1.2-T	Maxim		LM4041B12IDBZR		S	SOT-23	3
LM4041BIM3-1.2	National Semiconductor (NSC)		LM4041B12IDBZR		S	SOT-23	3
LM4041BIM3-1.2	Micrel	Obsolete	LM4041B12IDBZR		S	SOT-23	3
LM4041BIM3-1.2 TR	Micrel	Obsolete	LM4041B12IDBZR		S	SOT-23	3
LM4041BIM3-1.2-T	Maxim		LM4041B12IDBZR		S	SOT-23	3
LM4041BIM3X-1.2	National Semiconductor (NSC)		LM4041B12IDBZR		S	SOT-23	3
LM4041BIM7-1.2	National Semiconductor (NSC)		LM4041B12IDCKR	Also available in DCKT (250 units)	S	SC70	5
LM4041BIM7X-1.2	National Semiconductor (NSC)		LM4041A12IDCKR		S	SC70	5
LM4041BIM7X-1.2	National Semiconductor (NSC)		LM4041B12IDCKR		S	SC70	5
LM4041BIZ-1.2	National Semiconductor (NSC)		LM4041B12ILP	Planned	S	TO-92	3
LM4041CEM3-1.2	National Semiconductor (NSC)		LM4041C12QDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4041CEM3-1.2-T	Maxim		LM4041C12IDBZT		S	SOT-23	3
LM4041CEM3-1.2-T	Maxim		LM4041C12QDBZR		S	SOT-23	3
LM4041CEM3-1.2-T	Maxim		LM4041C12QDBZT		S	SOT-23	3
LM4041CEM3X-1.2	National Semiconductor (NSC)		LM4041C12QDBZR		S	SOT-23	3
LM4041CIM3-1.2	National Semiconductor (NSC)		LM4041C12IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4041CIM3-1.2	Micrel		LM4041C12IDBZR		S	SOT-23	3
LM4041CIM3-1.2	National Semiconductor (NSC)		LM4041C12IDBZT		S	SOT-23	3
LM4041CIM3-1.2	National Semiconductor (NSC)		LM4041C12QDBZT		S	SOT-23	3
LM4041CIM3-1.2 TR	Micrel		LM4041C12IDBZR		S	SOT-23	3
LM4041CIM3-1.2-T	Maxim		LM4041C12IDBZR		S	SOT-23	3
LM4041CIM3-1.2-T	Maxim		LM4041C12IDBZT		S	SOT-23	3
LM4041CIM3-1.2-T	Maxim		LM4041C12QDBZT		S	SOT-23	3
LM4041CIM3-ADJ	Micrel		LM4041CIDBZR		S	SOT-23	3
LM4041CIM3-ADJ TR	Micrel		LM4041CIDBZR		S	SOT-23	3
LM4041CIM3X-1.2	National Semiconductor (NSC)		LM4041C12IDBZR		S	SOT-23	3
LM4041CIM7-1.2	National Semiconductor (NSC)		LM4041C12IDCKR	Also available in DCKT (250 units)	S	SC70	5
LM4041CIM7-ADJ	National Semiconductor (NSC)		LM4041CIDCKR		S	SC70	5
LM4041CIM7X-1.2	National Semiconductor (NSC)		LM4041C12IDCKR		S	SC70	5
LM4041CIZ-1.2	National Semiconductor (NSC)		LM4041C12ILP		S	TO-92	3
LM4041CYIM3-ADJ	Micrel	Pb-Free	LM4041CIDBZR		S	SOT-23	3

LM4040DIZ-4.1 — LM4041CYIM3-ADJ

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
LM4041CYIM3-ADJ TR	Micrel	Pb-Free	LM4041CIDBZR		S	SOT-23	3
LM4041CYM3-1.2	Micrel	Pb-Free	LM4041C12IDBZR		S	SOT-23	3
LM4041CYM3-1.2 TR	Micrel	Pb-Free	LM4041C12IDBZR		S	SOT-23	3
LM4041DEM3-1.2	National Semiconductor (NSC)		LM4041D12IDBZT		S	SOT-23	3
LM4041DEM3-1.2	National Semiconductor (NSC)		LM4041D12QDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4041DEM3-1.2	National Semiconductor (NSC)		LM4041D12QDBZT		S	SOT-23	3
LM4041DEM3-1.2-T	Maxim		LM4041D12IDBZT		S	SOT-23	3
LM4041DEM3-1.2-T	Maxim		LM4041D12QDBZR		S	SOT-23	3
LM4041DEM3-1.2-T	Maxim		LM4041D12QDBZT		S	SOT-23	3
LM4041DEM3-ADJ	National Semiconductor (NSC)	VKA differs	LM4041D12IDBZT		S	SOT-23	3
LM4041DEM3-ADJ	National Semiconductor (NSC)	VKA differs	LM4041D12QDBZT		S	SOT-23	3
LM4041DEM3-ADJ	National Semiconductor (NSC)		LM4041DQDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4041DEM3X-1.2	National Semiconductor (NSC)		LM4041D12QDBZR		S	SOT-23	3
LM4041DEM3X-ADJ	National Semiconductor (NSC)		LM4041DQDBZR		S	SOT-23	3
LM4041DIM3-1.2	National Semiconductor (NSC)		LM4041D12IDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4041DIM3-1.2	Micrel		LM4041D12IDBZR		S	SOT-23	3
LM4041DIM3-1.2	National Semiconductor (NSC)		LM4041D12IDBZT		S	SOT-23	3
LM4041DIM3-1.2	National Semiconductor (NSC)		LM4041D12QDBZT		S	SOT-23	3
LM4041DIM3-1.2 TR	Micrel		LM4041D12IDBZR		S	SOT-23	3
LM4041DIM3-1.2-T	Maxim		LM4041D12IDBZR		S	SOT-23	3
LM4041DIM3-1.2-T	Maxim		LM4041D12IDBZT		S	SOT-23	3
LM4041DIM3-1.2-T	Maxim		LM4041D12QDBZT		S	SOT-23	3
LM4041DIM3-ADJ	National Semiconductor (NSC)	VKA differs	LM4041D12IDBZT		S	SOT-23	3
LM4041DIM3-ADJ	National Semiconductor (NSC)	VKA differs	LM4041D12QDBZT		S	SOT-23	3
LM4041DIM3-ADJ	National Semiconductor (NSC)		LM4041DIDBZR	Also available in DBZT (250 units)	S	SOT-23	3
LM4041DIM3-ADJ	Micrel		LM4041DIDBZR		S	SOT-23	3
LM4041DIM3-ADJ TR	Micrel		LM4041DIDBZR		S	SOT-23	3
LM4041DIM3X-1.2	National Semiconductor (NSC)		LM4041D12IDBZR		S	SOT-23	3
LM4041DIM3X-ADJ	National Semiconductor (NSC)		LM4041DIDBZR		S	SOT-23	3
LM4041DIM7-1.2	National Semiconductor (NSC)		LM4041D12IDCKR	Also available in DCKT (250 units)	S	SC70	5
LM4041DIM7-ADJ	National Semiconductor (NSC)		LM4041DIDCKR	Also available in DCKT (250 units)	S	SC70	5
LM4041DIM7X-1.2	National Semiconductor (NSC)		LM4041D12IDCKR		S	SC70	5
LM4041DIM7X-ADJ	National Semiconductor (NSC)		LM4041DIDCKR		S	SC70	5
LM4041DIZ-1.2	National Semiconductor (NSC)		LM4041D12ILP		S	TO-92	3
LM4041DIZ-ADJ	National Semiconductor (NSC)		LM4041DILP	Planned	S	TO-92	3
LM4041DYM3-1.2	Micrel	Pb-Free	LM4041D12IDBZR		S	SOT-23	3
LM4041DYM3-1.2 TR	Micrel	Pb-Free	LM4041D12IDBZR		S	SOT-23	3
LM4041DYM3-ADJ	Micrel	Pb-Free	LM4041DIDBZR		S	SOT-23	3
LM4041DYM3-ADJ TR	Micrel	Pb-Free	LM4041DIDBZR		S	SOT-23	3
LM4041EEM3-1.2	National Semiconductor (NSC)	+/- 2%	LM4041D12QDBZR	+/- 1%, Also available in DBZT (250 units)	S	SOT-23	3
LM4041EEM3X-1.2	National Semiconductor (NSC)	+/- 2%	LM4041D12QDBZR	+/- 1%	S	SOT-23	3
LM4041EIM3-1.2	National Semiconductor (NSC)	+/- 2%	LM4041D12IDBZR	+/- 1%, Also available in DBZT (250 units)	S	SOT-23	3
LM4041EIM3X-1.2	National Semiconductor (NSC)	+/- 2%	LM4041D12IDBZR	+/- 1%	S	SOT-23	3
LM4041EIM7-1.2	National Semiconductor (NSC)	+/- 2%	LM4041D12IDCKR	+/- 1%, Also available in DCKT (250 units)	S	SC70	5
LM4041EIM7X-1.2	National Semiconductor (NSC)	+/- 2%	LM4041D12IDCKR	+/- 1%	S	SC70	5
LM4041EIZ-1.2	National Semiconductor (NSC)	+/- 2%	LM4041D12ILP	+/-1%	S	TO-92	3
LM431ACM	National Semiconductor (NSC)		TL431CD		S	SOIC	8
LM431ACM	Fairchild Semiconductor	Pb-Free	TL431ID		S	SOIC	8
LM431ACM3	National Semiconductor (NSC)		TL431CDBZR		S	SOT-23	3
LM431ACM3X	National Semiconductor (NSC)		TL431CDBZR		S	SOT-23	3
LM431ACMX	National Semiconductor (NSC)		TL431CDR		S	SOIC	8
LM431ACMX	Fairchild Semiconductor	Pb-Free	TL431IDR		S	SOIC	8
LM431ACN	Fairchild Semiconductor	Obsolete, Pb-Free	TL431IP		S	PDIP	8
LM431ACZ	National Semiconductor (NSC)		TL431CLP		S	TO-92	3
LM431ACZ	Fairchild Semiconductor		TL431ILP		S	TO-92	3
LM431ACZX	Fairchild Semiconductor		TL431ILPR		S	TO-92	3
LM431ACZXA	Fairchild Semiconductor		TL431ILPR		S	TO-92	3
LM431AIM	Fairchild Semiconductor	Pb-Free	TL431ID		S	SOIC	8
LM431AIM	National Semiconductor (NSC)		TL431ID		S	SOIC	8
LM431AIM3	National Semiconductor (NSC)		TL431IDBZR		S	SOT-23	3
LM431AIM3X	National Semiconductor (NSC)		TL431IDBZR		S	SOT-23	3
LM431AIMX	Fairchild Semiconductor	Pb-Free	TL431IDR		S	SOIC	8
LM431AIMX	National Semiconductor (NSC)		TL431IDR		S	SOIC	8
LM431AIZ	Fairchild Semiconductor		TL431ILP		S	TO-92	3

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
LM431AIZ	National Semiconductor (NSC)		TL431ILP		S	TO-92	3
LM431AIZX	Fairchild Semiconductor		TL431ILPR		S	TO-92	3
LM431AIZXA	Fairchild Semiconductor		TL431ILPR		S	TO-92	3
LM431BCM	Fairchild Semiconductor	Pb-Free, obsolete	TL431ACD		S	SOIC	8
LM431BCM	National Semiconductor (NSC)		TL431ACD		S	SOIC	8
LM431BCM3	National Semiconductor (NSC)		TL431ACDBZR		S	SOT-23	3
LM431BCM3X	National Semiconductor (NSC)		TL431ACDBZR		S	SOT-23	3
LM431BCM3X	Fairchild Semiconductor	Pb-Free	TL431ACDR		S	SOIC	8
LM431BCM3X	National Semiconductor (NSC)		TL431ACDR		S	SOIC	8
LM431BCN	Fairchild Semiconductor	Pb-Free, obsolete	TL431ACP		S	PDIP	8
LM431BCZ	Fairchild Semiconductor		TL431ACLPE3		S	TO-92	3
LM431BCZ	National Semiconductor (NSC)		TL431ACLPE3		S	TO-92	3
LM431BCZX	Fairchild Semiconductor		TL431ACLPR		S	TO-92	3
LM431BCZXA	Fairchild Semiconductor		TL431ACLPM		S	TO-92	3
LM431BIM	Fairchild Semiconductor	Pb-Free	TL431AID		S	SOIC	8
LM431BIM	National Semiconductor (NSC)		TL431AID		S	SOIC	8
LM431BIM3	National Semiconductor (NSC)		TL431AIDBZR		S	SOT-23	3
LM431BIM3X	National Semiconductor (NSC)		TL431AIDBZR		S	SOT-23	3
LM431BIMX	Fairchild Semiconductor	Pb-Free	TL431AIDR		S	SOIC	8
LM431BIMX	National Semiconductor (NSC)		TL431AIDR		S	SOIC	8
LM431BIZ	Fairchild Semiconductor		TL431AILP		S	TO-92	3
LM431BIZ	National Semiconductor (NSC)		TL431AILP		S	TO-92	3
LM431BIZX	Fairchild Semiconductor		TL431AILPR		S	TO-92	3
LM431BIZXA	Fairchild Semiconductor		TL431AILPME3		S	TO-92	3
LM431CCM	National Semiconductor (NSC)		TL431BCD		S	SOIC	8
LM431CCM	Fairchild Semiconductor	Pb-Free, obsolete	TL431BID		S	SOIC	8
LM431CCM3	National Semiconductor (NSC)		TL431BCDBZR		S	SOT-23	3
LM431CCM3X	National Semiconductor (NSC)		TL431BCDBZR		S	SOT-23	3
LM431CCMX	National Semiconductor (NSC)		TL431BCDR		S	SOIC	8
LM431CCMX	Fairchild Semiconductor	Pb-Free	TL431BIDR		S	SOIC	8
LM431CCZ	National Semiconductor (NSC)		TL431BCLPME3		S	TO-92	3
LM431CCZ	Fairchild Semiconductor		TL431BILPE3		S	TO-92	3
LM431CCZX	Fairchild Semiconductor		TL431BILPRE3		S	TO-92	3
LM431CCZXA	Fairchild Semiconductor		TL431BCLPME3		S	TO-92	3
LM431CIM	Fairchild Semiconductor	Pb-Free	TL431BID		S	SOIC	8
LM431CIM	National Semiconductor (NSC)		TL431BID		S	SOIC	8
LM431CIM3	National Semiconductor (NSC)		TL431BIDBZR		S	SOT-23	3
LM431CIM3X	National Semiconductor (NSC)		TL431BIDBZR		S	SOT-23	3
LM431CIMX	Fairchild Semiconductor	Pb-Free	TL431BIDR		S	SOIC	8
LM431CIMX	National Semiconductor (NSC)		TL431BIDR		S	SOIC	8
LM431CIZ	Fairchild Semiconductor		TL431BILPE3		S	TO-92	3
LM431CIZ	National Semiconductor (NSC)		TL431BILPE3		S	TO-92	3
LM431CIZX	Fairchild Semiconductor		TL431BILPRE3		S	TO-92	3
LM431CIZXA	Fairchild Semiconductor		TL431BILPRE3		S	TO-92	3
LM431SACMFX	Fairchild Semiconductor	Pb-Free	TL431IDBZR		S	SOT-23	3
LM431SACMLX	Fairchild Semiconductor	Pb-Free	TL431IPK		S	SOT-89	3
LM431SBCMFX	Fairchild Semiconductor	Pb-Free	TL431AIDBZR		S	SOT-23	3
LM431SBCMLX	Fairchild Semiconductor	Pb-Free	TL431AIPK		S	SOT-89	3
LM431SCCMFX	Fairchild Semiconductor	Pb-Free	TL431BIDBZR		S	SOT-23	3
LM431SCCMLX	Fairchild Semiconductor		TL431BIPKG3		S	SOT-89	3
LM555CM	Fairchild Semiconductor		NE555D		S	SOIC	8
LM555CM	National Semiconductor (NSC)		NE555D		S	SOIC	8
LM555CMX	Fairchild Semiconductor		NE555DR		S	SOIC	8
LM555CMX	National Semiconductor (NSC)		NE555DR		S	SOIC	8
LM555CN	Fairchild Semiconductor		NE555P		S	PDIP	8
LM555CN	National Semiconductor (NSC)		NE555P		S	PDIP	8
LM556CJ	National Semiconductor (NSC)	Discontinued 10/13/1996	NE556N	PDIP Not CDIP	S	CDIP	14
LM556CM	Fairchild Semiconductor		NE556D		S	SOIC	14
LM556CM	National Semiconductor (NSC)		NE556D		S	SOIC	14
LM556CMX	Fairchild Semiconductor		NE556DR		S	SOIC	14
LM556CMX	National Semiconductor (NSC)		NE556DR		S	SOIC	14
LM556CN	Fairchild Semiconductor		NE556N		S	PDIP	14
LM556CN	National Semiconductor (NSC)		NE556N		S	PDIP	14
LM723CD	ST Microelectronics (STM)		UA723CD		S	SOIC	14

LM431AIZ — LM723CD

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
LM723CD	ST Microelectronics (STM)		UA723CNSR		S	SOIC	14
LM723CD013TR	ST Microelectronics (STM)		UA723CDR		S	SOIC	14
LM723CJ	National Semiconductor (NSC)	Discontinued 04/04/1995	UA723CN		S	CDIP	14
LM723CM	National Semiconductor (NSC)	Discontinued 04/04/1995	UA723CD		S	SOIC	14
LM723CMX	National Semiconductor (NSC)	Discontinued 07/15/1995	UA723CDR		S	SOIC	14
LM723CN	National Semiconductor (NSC)		UA723CN		S	PDIP	14
LM723CN	ST Microelectronics (STM)		UA723CN		S	PDIP	14
LM723J	National Semiconductor (NSC)	Discontinued 07/15/1995	UA723CN	Not Mil temp	Q	CDIP	14
LM723N	ST Microelectronics (STM)		UA723CN		S	PDIP	14
LM741CJ	National Semiconductor (NSC)	Discontinued 04/04/1995	UA741CP		S	CDIP	8
LM741CM	National Semiconductor (NSC)	Discontinued 03/10/1998	UA741CD		S	SOIC	8
LM741CM	Fairchild Semiconductor		UA741CD		S	SOIC	8
LM741CMX	National Semiconductor (NSC)	Discontinued 03/10/1998	UA741CDR		S	SOIC	8
LM741CMX	Fairchild Semiconductor		UA741CDR		S	SOIC	8
LM741CN	National Semiconductor (NSC)		UA741CP		S	PDIP	8
LM741CN	Fairchild Semiconductor		UA741CP		S	PDIP	8
LM741J	National Semiconductor (NSC)	Discontinued 04/04/1995	UA741CP	Not Mil temp	Q	CDIP	8
LM747CJ	National Semiconductor (NSC)	Discontinued 04/04/1995	UA747CN		S	CDIP	14
LM747CN	National Semiconductor (NSC)	Discontinued 03/10/1998	UA747CN		S	PDIP	14
LM747EJ	National Semiconductor (NSC)	Discontinued 12/07/1993	UA747CN	Slight parametric differences, Not suitable for high accuracy applications	S	CDIP	14
LM747EN	National Semiconductor (NSC)	Discontinued 12/07/1993	UA747CN	Slight parametric differences, Not suitable for high accuracy applications	S	PDIP	14
LM7805ECT	Fairchild Semiconductor	lout differs	UA7805CKCS		S	TO-220	3
LM7808CT	National Semiconductor (NSC)		UA7808CKCS		S	TO-220	3
LM7812CT	National Semiconductor (NSC)	Discontinued	UA7812CKCS	Also UA7812CKC	S	TO-220	3
LM7812CT	National Semiconductor (NSC)	lout differs	UA7812CKCSE3		S	TO-220	3
LM7815CT	National Semiconductor (NSC)	lout differs	UA7815CKCS		S	TO-220	3
LM7824CT	National Semiconductor (NSC)	lout differs	UA7824CKCS		S	TO-220	3
LM78L05ACM	National Semiconductor (NSC)		UA78L05ACD		S	SOIC	8
LM78L05ACMX	National Semiconductor (NSC)		UA78L05ACDR		S	SOIC	8
LM78L05ACZ	Fairchild Semiconductor		UA78L05ACLP		S	TO-92	3
LM78L05ACZ	Fairchild Semiconductor		UA78L05ACLP		S	TO-92	3
LM78L05ACZ	National Semiconductor (NSC)	Vin differs	UA78L05ACLPME3		S	TO-92	3
LM78L05ACZ	Fairchild Semiconductor		UA78L05AILPE3		S	TO-92	3
LM78L05ACZX	Fairchild Semiconductor		UA78L05ACLPRE3		S	TO-92	3
LM78L05ACZX	Fairchild Semiconductor		UA78L05ACLPME3		S	TO-92	3
LM78L09ACZ	National Semiconductor (NSC)	Vin differs	UA78L09ACLPRE3		S	TO-92	3
LM78L12ACM	National Semiconductor (NSC)		UA78L12ACD		S	SOIC	8
LM78L12ACMX	National Semiconductor (NSC)		UA78L12ACDR		S	SOIC	8
LM78L12ACZ	Fairchild Semiconductor		UA78L12ACLP		S	TO-92	3
LM78L12ACZ	Fairchild Semiconductor		UA78L12ACLPME3		S	TO-92	3
LM78L12ACZ	National Semiconductor (NSC)		UA78L12ACLPME3		S	TO-92	3
LM78L12ACZX	Fairchild Semiconductor		UA78L12ACLPRE3		S	TO-92	3
LM78L12ACZX	Fairchild Semiconductor		UA78L12ACLPME3		S	TO-92	3
LM78L15ACM	National Semiconductor (NSC)		UA78L15ACD		S	SOIC	8
LM78L15ACMX	National Semiconductor (NSC)		UA78L15ACDR		S	SOIC	8
LM78L15ACZ	National Semiconductor (NSC)		UA78L15ACLPRE3		S	TO-92	3
LM78L62ACZ	National Semiconductor (NSC)	Vout differs	UA78L06ACLP	Lower output voltage, 6 vs 6.2V	Q	TO-92	3
LM78L82ACZ	National Semiconductor (NSC)	Vout differs	UA78L08ACLP		S	TO-92	3
LM78M05CDT	National Semiconductor (NSC)		UA78M05CKVURG3		S	TO-252/DPAK	3
LM78M05CDTX	National Semiconductor (NSC)		UA78M05CKVURG3		S	TO-252/DPAK	3
LM78M05CT	Fairchild Semiconductor		UA78M05CKCS		S	TO-220	3
LM78M12CT	National Semiconductor (NSC)		UA78M12CKCS		S	TO-220	3
LM7905CT	National Semiconductor (NSC)		UA7905CKCS		S	TO-220	3
LM7905CT	Fairchild Semiconductor	lout differs	UA7905CKCS		S	TO-220	3
LM79L05ACM	National Semiconductor (NSC)		MC79L05ACD		S	SOIC	8
LM79L05ACMX	National Semiconductor (NSC)		MC79L05ACDR		S	SOIC	8
LM79L05ACZ	National Semiconductor (NSC)		MC79L05ACLP		S	TO-92/TO-226	3
LM79L05ACZ	Fairchild Semiconductor		MC79L05ACLP		S	TO-92/TO-226	3
LM79L05ACZ	National Semiconductor (NSC)		MC79L05ACLP		S	TO-92	3
LM79L05ACZ	Fairchild Semiconductor		MC79L05ACLP		S	TO-92	3
LM79L05ACZ	National Semiconductor (NSC)		MC79L05ACLP		S	TO-92	3
LM79L05ACZ	Fairchild Semiconductor		MC79L05ACLP		S	TO-92	3
LM79L05ACZ	National Semiconductor (NSC)		MC79L05ACLP		S	TO-92	3
LM79L05ACZ	Fairchild Semiconductor		MC79L05ACLP		S	TO-92	3

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
LM79L05ACZX	Fairchild Semiconductor		MC79L05ACLPRE3		S	TO-92	3
LM79L05ACZXA	Fairchild Semiconductor		MC79L05ACLP		S	TO-92	3
LM79L05ACZXA	Fairchild Semiconductor		MC79L05ACLP		S	TO-92	3
LM79L05ACZXA	Fairchild Semiconductor		MC79L05ACLPRE3		S	TO-92	3
LM79L12ACM	National Semiconductor (NSC)		MC79L12ACD		S	SOIC	8
LM79L12ACMX	National Semiconductor (NSC)		MC79L12ACDR		S	SOIC	8
LM79L12ACZ	National Semiconductor (NSC)		MC79L12ACLP		S	TO-92/TO-226	3
LM79L12ACZ	National Semiconductor (NSC)		MC79L12ACLP		S	TO-92	3
LM79M05CT	National Semiconductor (NSC)	Iout, Vin differ	MC79L05ACLP		Q	TO-220	3
LM79M05CT	Fairchild Semiconductor	Iout differs	UA79M05CKCS		S	TO-220	3
LM833M	National Semiconductor (NSC)		RC4580ID		Q	SOIC	8
LM833MX	National Semiconductor (NSC)		RC4580IDR		Q	SOIC	8
LM833N	National Semiconductor (NSC)		RC4580IP		Q	PDIP	8
LMV321AP5X	Fairchild Semiconductor		LMV321IDCKR		S	SC70	5
LMV321AS5X	Fairchild Semiconductor		LMV321IDBVR		S	SOT-23	5
LMV321AS5X_NL	Fairchild Semiconductor	Pb-Free	LMV321IDBVR		S	SOT-23	5
LMV321M5	National Semiconductor (NSC)		LMV321IDBVR		S	SOT-23	5
LMV321M5X	National Semiconductor (NSC)		LMV321IDBVR		S	SOT-23	5
LMV321M7	National Semiconductor (NSC)		LMV321IDCKR		S	SC70	5
LMV321M7X	National Semiconductor (NSC)		LMV321IDCKR		S	SC70	5
LMV324AM14X	Fairchild Semiconductor		LMV324IDR		S	SOIC	14
LMV324AM14X_NL	Fairchild Semiconductor	Pb-Free	LMV324IDR		S	SOIC	14
LMV324AMTC14X	Fairchild Semiconductor		LMV324IPWR		S	TSSOP	14
LMV324AMTC14X_NL	Fairchild Semiconductor	Pb-Free	LMV324IPWR		S	TSSOP	14
LMV324M	National Semiconductor (NSC)		LMV324ID		S	SOIC	14
LMV324MT	National Semiconductor (NSC)	GBW, PSRR differ	LM324APW		S	TSSOP	14
LMV324MT	National Semiconductor (NSC)	GBW, PSRR differ	LM324KPW		S	TSSOP	14
LMV324MT	National Semiconductor (NSC)	GBW, PSRR differ	LM324PW		S	TSSOP	14
LMV324MT	National Semiconductor (NSC)		LMV324IPWR		S	TSSOP	14
LMV324MT	National Semiconductor (NSC)	Av, CMMR, PSRR differ	LMV324QPW		Q	TSSOP	14
LMV324MTX	National Semiconductor (NSC)	GBW, PSRR differ	LM324APWR		S	TSSOP	14
LMV324MTX	National Semiconductor (NSC)	GBW, PSRR differ	LM324KPWR		S	TSSOP	14
LMV324MTX	National Semiconductor (NSC)	GBW, PSRR differ	LM324PWR		S	TSSOP	14
LMV324MTX	National Semiconductor (NSC)	Av, CMMR, PSRR differ	LMV324IPWRG4		Q	TSSOP	14
LMV324MTX	National Semiconductor (NSC)	Av, CMMR, PSRR differ	LMV324IPWRQ1		Q	TSSOP	14
LMV324MTX	National Semiconductor (NSC)	Av, CMMR, PSRR differ	LMV324QPWR		Q	TSSOP	14
LMV324MTX	National Semiconductor (NSC)	Av, CMMR, PSRR differ	LMV324QPWRQ1		Q	TSSOP	14
LMV324MX	National Semiconductor (NSC)		LMV324IDR		S	SOIC	14
LMV331M5	National Semiconductor (NSC)		LMV331IDBVR		S	SOT-23	5
LMV331M5X	National Semiconductor (NSC)		LMV331IDBVR		S	SOT-23	5
LMV331M7	National Semiconductor (NSC)		LMV331IDCKR		S	SC70	5
LMV331M7X	National Semiconductor (NSC)		LMV331IDCKR		S	SC70	5
LMV339M	National Semiconductor (NSC)		LMV339ID		S	SOIC	14
LMV339MT	National Semiconductor (NSC)		LMV339IPW		S	TSSOP	14
LMV339MTX	National Semiconductor (NSC)		LMV339IPWR		S	TSSOP	14
LMV339MX	National Semiconductor (NSC)		LMV339IDR		S	SOIC	14
LMV341MG	National Semiconductor (NSC)		LMV341IDCKR		S	SC70	6
LMV341MGX	National Semiconductor (NSC)		LMV341IDCKR		S	SC70	6
LMV342MA	National Semiconductor (NSC)		LMV342ID		S	SOIC	8
LMV342MAX	National Semiconductor (NSC)		LMV342IDR		S	SOIC	8
LMV342MM	National Semiconductor (NSC)		LMV342IDGKR		S	MSOP	8
LMV342MMX	National Semiconductor (NSC)		LMV342IDGKR		S	MSOP	8
LMV344MA	National Semiconductor (NSC)		LMV344ID		S	SOIC	14
LMV344MAX	National Semiconductor (NSC)		LMV344IDR		S	SOIC	14
LMV344MT	National Semiconductor (NSC)		LMV344IPW		S	TSSOP	14
LMV344MTX	National Semiconductor (NSC)		LMV344IPWR		S	TSSOP	14
LMV358AM8X	Fairchild Semiconductor		LMV358IDR		S	SOIC	8
LMV358AMU8X	Fairchild Semiconductor		LMV358IDGKR		S	VSSOP/MSOP	8
LMV358AMU8X_NL	Fairchild Semiconductor	Pb-Free	LMV358IDGKR		S	VSSOP/MSOP	8
LMV393M	National Semiconductor (NSC)		LMV393ID		S	SOIC	8
LMV393MM	National Semiconductor (NSC)		LMV393IDGKR		S	MSOP	8
LMV393MMX	National Semiconductor (NSC)		LMV393IDGKR		S	MSOP	8
LMV393MX	National Semiconductor (NSC)		LMV393IDR		S	SOIC	8

LM79L05ACZX — LMV393MX

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
LMV431ACM5	National Semiconductor (NSC)		TLV431ACDBVR		S	SOT-23	5
LMV431ACM5X	National Semiconductor (NSC)		TLV431ACDBVR		S	SOT-23	5
LMV431ACZ	National Semiconductor (NSC)		TLV431ACLPE3		S	TO-92	3
LMV431AIM5	National Semiconductor (NSC)		TLV431AIDBVR		S	SOT-23	5
LMV431AIM5X	National Semiconductor (NSC)		TLV431AIDBVR		S	SOT-23	5
LMV431AIMF	National Semiconductor (NSC)		TLV431AIDBZR		S	SOT-23	3
LMV431AIMFX	National Semiconductor (NSC)		TLV431AIDBZR		S	SOT-23	3
LMV431AIZ	National Semiconductor (NSC)	VKA differs	TLV431AILPE3		S	TO-92	3
LMV431BCM5	National Semiconductor (NSC)		TLV431BCDBVR		S	SOT-23	5
LMV431BCM5X	National Semiconductor (NSC)		TLV431BCDBVR		S	SOT-23	5
LMV431BCZ	National Semiconductor (NSC)	VKA differs	TLV431BCLPRE3		S	TO-92	3
LMV431BIMF	National Semiconductor (NSC)		TLV431BIDBZR		S	SOT-23	3
LMV431BIMFX	National Semiconductor (NSC)		TLV431BIDBZR		S	SOT-23	3
LMV431CM5	National Semiconductor (NSC)		TLV431CDBVR		S	SOT-23	5
LMV431CM5X	National Semiconductor (NSC)		TLV431CDBVR		S	SOT-23	5
LMV431CZ	National Semiconductor (NSC)		TLV431CLPE3		S	TO-92	3
LMV431CZ	National Semiconductor (NSC)	VKA differs	TLV431CLPE3		S	TO-92	3
LMV431IM5	National Semiconductor (NSC)		TLV431IDBVR		S	SOT-23	5
LMV431IM5X	National Semiconductor (NSC)		TLV431IDBVR		S	SOT-23	5
LMV431IZ	National Semiconductor (NSC)		TLV431ILPE3		S	TO-92	3
LMV431IZ	National Semiconductor (NSC)	VKA differs	TLV431ILPE3		S	TO-92	3
LMV710M5	National Semiconductor (NSC)		LMV710IDBVR		S	SOT-23	5
LMV710M5X	National Semiconductor (NSC)		LMV710IDBVR		S	SOT-23	5
LMV711M6	National Semiconductor (NSC)		LMV711IDBVR		S	SOT-23	6
LMV711M6X	National Semiconductor (NSC)		LMV711IDBVR		S	SOT-23	6
LMV715MF	National Semiconductor (NSC)		LMV715IDBVR		S	SOT-23	6
LMV715MFX	National Semiconductor (NSC)		LMV715IDBVR		S	SOT-23	6
LMV821M5	National Semiconductor (NSC)		LMV821DBVR		S	SOT-23	5
LMV821M5	National Semiconductor (NSC)		LMV821IDBVR		S	SOT-23	5
LMV821M5X	National Semiconductor (NSC)		LMV821DBVR		S	SOT-23	5
LMV821M5X	National Semiconductor (NSC)		LMV821IDBVR		S	SOT-23	5
LMV821M7	National Semiconductor (NSC)		LMV821DCKR		S	SC70	5
LMV821M7	National Semiconductor (NSC)		LMV821DCKR		S	SC70	5
LMV821M7X	National Semiconductor (NSC)		LMV821DCKR		S	SC70	5
LMV821M7X	National Semiconductor (NSC)		LMV821DCKR		S	SC70	5
LMV822M	National Semiconductor (NSC)		LMV822D		S	SOIC	8
LMV822MM	National Semiconductor (NSC)		LMV822DGKR		S	MSOP	8
LMV822MMX	National Semiconductor (NSC)		LMV822DGKR		S	MSOP	8
LMV822MX	National Semiconductor (NSC)		LMV822DR		S	SOIC	8
LMV824M	National Semiconductor (NSC)		LMV824D		S	SOIC	14
LMV824MT	National Semiconductor (NSC)		LMV824PW		S	TSSOP	14
LMV824MTX	National Semiconductor (NSC)		LMV824PWR		S	TSSOP	14
LMV824MX	National Semiconductor (NSC)		LMV824DR		S	SOIC	14
LMV931IMF	National Semiconductor (NSC)	Vs min 1.5V	LMV931IDBVR	Vs min 1.8V	S	SOT-23	5
LMV931IMFX	National Semiconductor (NSC)	Vs min 1.5V	LMV931IDBVR	Vs min 1.8V	S	SOT-23	5
LMV931IMG	National Semiconductor (NSC)	Vs min 1.5V	LMV931IDCKR	Vs min 1.8V	S	SC70	5
LMV931IMGX	National Semiconductor (NSC)	Vs min 1.5V	LMV931IDCKR	Vs min 1.8V	S	SC70	5
LMV931MFX	National Semiconductor (NSC)		LMV931IDBVR		S		
LMV932MA	National Semiconductor (NSC)	Vs min 1.5V	LMV932ID	Vs min 1.8V	S	SOIC	8
LMV932MAX	National Semiconductor (NSC)	Vs min 1.5V	LMV932IDR	Vs min 1.8V	S	SOIC	8
LMV932MM	National Semiconductor (NSC)	Vs min 1.5V	LMV932IDGKR	Vs min 1.8V	S	MSOP	8
LMV932MMX	National Semiconductor (NSC)	Vs min 1.5V	LMV932IDGKR	Vs min 1.8V	S	MSOP	8
LMV934MA	National Semiconductor (NSC)	Vs min 1.5V	LMV934ID	Vs min 1.8V	S	SOIC	14
LMV934MAX	National Semiconductor (NSC)	Vs min 1.5V	LMV934IDR	Vs min 1.8V	S	SOIC	14
LMV934MT	National Semiconductor (NSC)	Vs min 1.5V	LMV934IPW	Vs min 1.8V	S	TSSOP	14
LMV934MTX	National Semiconductor (NSC)	Vs min 1.5V	LMV934IPWR	Vs min 1.8V	S	TSSOP	14
LMV981IMF	National Semiconductor (NSC)		LMV981IDBVR		S	SOT-23	6
LMV981IMFX	National Semiconductor (NSC)		LMV981IDBVR		S	SOT-23	6
LMV981IMG	National Semiconductor (NSC)		LMV981IDCKR		S	SC70	6
LMV981IMGX	National Semiconductor (NSC)		LMV981IDCKR		S	SC70	6
LMV982MM	National Semiconductor (NSC)		LMV982IDGSR		S	MSOP	10
LMV982MMX	National Semiconductor (NSC)		LMV982IDGSR		S	MSOP	10
LMX321AUK-T	Maxim	Vcc 2.3V to 7V, GBW 1.3MHz	LMV321IDBVR	Vcc 2.7V to 5.5V, GBW 1MHz	Q	SOT-23	5
LMX321AXK-T	Maxim	Vcc 2.3V to 7V, GBW 1.3MHz	LMV321IDCKR	Vcc 2.7V to 5.5V, GBW 1MHz	Q	SC70	5

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
LMX324ASD	Maxim	Vcc 2.3V to 7V, GBW 1.3MHz	LMV324QD	Vcc 2.7V to 5.5V, GBW 1MHz	Q	SOIC	14
LMX324AUD	Maxim	Vcc 2.3V to 7V, GBW 1.3MHz	LMV324QPW	Vcc 2.7V to 5.5V, GBW 1MHz	Q	TSSOP	14
LMX331AUK-T	Maxim	Faster, lower min Vcc	LMV331DBVR	Slower, higher min Vcc	Q	SOT-23	5
LMX331AXK-T	Maxim	Faster, lower min Vcc	LMV331DCKR	Slower, higher min Vcc	Q	SC70	5
LMX331HAUK-T	Maxim	Faster, lower min Vcc, hysteresis	LMV331DBVR	Slower, higher min Vcc, no hysteresis	Q	SOT-23	5
LMX331HAXK-T	Maxim	Faster, lower min Vcc, hysteresis	LMV331DCKR	Slower, higher min Vcc, no hysteresis	Q	SC70	5
LMX339ASD	Maxim	Faster, lower min Vcc	LMV339ID	Slower, higher min Vcc	Q	SOIC	14
LMX339ASD-T	Maxim	Faster, lower min Vcc	LMV339IDR	Slower, higher min Vcc	Q	SOIC	14
LMX339AUD	Maxim	Faster, lower min Vcc	LMV339IPW	Slower, higher min Vcc	Q	TSSOP	14
LMX339AUD-T	Maxim	Faster, lower min Vcc	LMV339IPWR	Slower, higher min Vcc	Q	TSSOP	14
LMX339HSD	Maxim	Faster, lower min Vcc, hysteresis	LMV339ID	Slower, higher min Vcc, no hysteresis	Q	SOIC	14
LMX339HSD-T	Maxim	Faster, lower min Vcc, hysteresis	LMV339IDR	Slower, higher min Vcc, no hysteresis	Q	SOIC	14
LMX339HAUD	Maxim	Faster, lower min Vcc, hysteresis	LMV339IPW	Slower, higher min Vcc, no hysteresis	Q	TSSOP	14
LMX339HAUD-T	Maxim	Faster, lower min Vcc, hysteresis	LMV339IPWR	Slower, higher min Vcc, no hysteresis	Q	TSSOP	14
LMX358ASA	Maxim	Vcc 2.3V to 7V, GBW 1.3MHz	LMV358QD	Vcc 2.7V to 5.5V, GBW 1MHz	Q	SOIC	8
LMX358AUA	Maxim	Vcc 2.3V to 7V, GBW 1.3MHz	LMV358QDGKR	Vcc 2.7V to 5.5V, GBW 1MHz	Q	MSOP	8
LMX393AUA	Maxim	Faster, lower min Vcc	LMV393IDGKR	Slower, higher min Vcc	Q	MSOP	8
LMX393AUA-T	Maxim	Faster, lower min Vcc	LMV393IDGKR	Slower, higher min Vcc	Q	MSOP	8
LMX393HAUA	Maxim	Faster, lower min Vcc, hysteresis	LMV393IDGKR	Slower, higher min Vcc, no hysteresis	Q	MSOP	8
LMX393HAUA-T	Maxim	Faster, lower min Vcc, hysteresis	LMV393IDGKR	Slower, higher min Vcc, no hysteresis	Q	MSOP	8
LP2902M	National Semiconductor (NSC)		LP2902D		S	SOIC	14
LP2902MX	National Semiconductor (NSC)		LP2902DR		S	SOIC	14
LP2902N	National Semiconductor (NSC)		LP2902N		S	PDIP	14
LP2950ACZ-5.0	On Semiconductor	Vout differs	TL750L08CLP		Q	TO-92	3
LP2950ACZ-5.0	On Semiconductor	Vout differs	TL750L08CLPE3		Q	TO-92	3
LP2950CZ-3.0	On Semiconductor	Vout differs	TL750L08CLP		Q	TO-92	3
LP2950CZ-3.0	On Semiconductor	Vout differs	TL750L08CLPE3		Q	TO-92	3
LP2950CZ-5.0	On Semiconductor	Vout differs	TL750L10CLP		Q	TO-92	3
LP2950CZ-5.0	On Semiconductor	Vout differs	TL750L10CLPE3		Q	TO-92	3
LP2981AIM5-3.0	National Semiconductor (NSC)		LP2981A-30DBVR		S	SOT-23	5
LP2981AIM5-3.3	National Semiconductor (NSC)		LP2981A-33DBVR		S	SOT-23	5
LP2981AIM5X-2.8	National Semiconductor (NSC)		LP2981A-28DBVR		S	SOT-23	5
LP2981AIM5X-3.0	National Semiconductor (NSC)		LP2981A-30DBVR		S	SOT-23	5
LP2981AIM5X-3.3	National Semiconductor (NSC)		LP2981A-33DBVR		S	SOT-23	5
LP2981IM5-3.0	National Semiconductor (NSC)		LP2981-30DBVR		S	SOT-23	5
LP2981IM5-3.3	National Semiconductor (NSC)		LP2981-33DBVR		S	SOT-23	5
LP2981IM5X-2.8	National Semiconductor (NSC)		LP2981-28DBVR		S	SOT-23	5
LP2981IM5X-3.0	National Semiconductor (NSC)		LP2981-30DBVR		S	SOT-23	5
LP2981IM5X-3.3	National Semiconductor (NSC)		LP2981-33DBVR		S	SOT-23	5
LP2985-18D	NXP Semiconductor	Discontinued DN-52, 03/19/2004	LP2985-18DBVR		S	SOT-23	5
LP2985-18D-T	NXP Semiconductor	Discontinued DN-52, 03/19/2004	LP2985-18DBVR		S	SOT-23	5
LP2985-25D	NXP Semiconductor	Discontinued DN-52, 03/19/2004	LP2985-25DBVR		S	SOT-23	5
LP2985-28D	NXP Semiconductor	Discontinued DN-52, 03/19/2004	LP2985-28DBVR		S	SOT-23	5
LP2985-28D-T	NXP Semiconductor	Discontinued DN-52, 03/19/2004	LP2985-28DBVR		S	SOT-23	5
LP2985-30D	NXP Semiconductor	Discontinued DN-52, 03/19/2004	LP2985-30DBVR		S	SOT-23	5
LP2985-30D-T	NXP Semiconductor	Discontinued DN-52, 03/19/2004	LP2985-30DBVT		S	SOT-23	5
LP2985-33D	NXP Semiconductor	Discontinued DN-52, 03/19/2004	LP2985-33DBVR	Also TPS76330DBVR	S	SOT-23	5
LP2985-50D	NXP Semiconductor	Discontinued DN-52, 03/19/2004	LP2985-50DBVR	Also TPS76350DBVR	S	SOT-23	5
LP2985AIM5-1.8	National Semiconductor (NSC)		LP2985A-18DBVR		S	SOT-23	5
LP2985AIM5-1.8	National Semiconductor (NSC)		LP2985A-18DBVT		S	SOT-23	5
LP2985AIM5-2.5	National Semiconductor (NSC)		LP2985A-25DBVR		S	SOT-23	5
LP2985AIM5-2.8	National Semiconductor (NSC)		LP2985A-28DBVR		S	SOT-23	5
LP2985AIM5-3.0	National Semiconductor (NSC)		LP2985A-30DBVR		S	SOT-23	5
LP2985AIM5-3.3	National Semiconductor (NSC)		LP2985A-33DBVR		S	SOT-23	5
LP2985AIM5-5.0	National Semiconductor (NSC)		LP2985A-50DBVR		S	SOT-23	5
LP2985AIM5X-1.8	National Semiconductor (NSC)		LP2985A-18DBVR		S	SOT-23	5
LP2985AIM5X-2.5	National Semiconductor (NSC)		LP2985A-25DBVR		S	SOT-23	5
LP2985AIM5X-2.8	National Semiconductor (NSC)		LP2985A-28DBVR		S	SOT-23	5
LP2985AIM5X-3.0	National Semiconductor (NSC)		LP2985A-30DBVR		S	SOT-23	5
LP2985AIM5X-3.3	National Semiconductor (NSC)		LP2985A-33DBVR		S	SOT-23	5
LP2985AIM5X-5.0	National Semiconductor (NSC)		LP2985A-50DBVR		S	SOT-23	5
LP2985IM5-1.8	National Semiconductor (NSC)		LP2985-18DBVR		S	SOT-23	5
LP2985IM5-2.5	National Semiconductor (NSC)		LP2985-25DBVR		S	SOT-23	5
LP2985IM5-2.8	National Semiconductor (NSC)		LP2985-28DBVR		S	SOT-23	5

LMX324ASD — LP2985IM5-2.8

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
LP2985IM5-3.0	National Semiconductor (NSC)		LP2985-30DBVR		S	SOT-23	5
LP2985IM5-5.0	National Semiconductor (NSC)		LP2985-50DBVR		S	SOT-23	5
LP2985IM5X-1.8	National Semiconductor (NSC)		LP2985-18DBVR		S	SOT-23	5
LP2985IM5X-2.5	National Semiconductor (NSC)		LP2985-25DBVR		S	SOT-23	5
LP2985IM5X-2.8	National Semiconductor (NSC)		LP2985-28DBVR		S	SOT-23	5
LP2985IM5X-3.0	National Semiconductor (NSC)		LP2985-30DBVR		S	SOT-23	5
LP2985IM5X-5.0	National Semiconductor (NSC)		LP2985-50DBVR		S	SOT-23	5
LP311M	National Semiconductor (NSC)	Discontinued 03/10/1998	LP311D		S	SOIC	8
LP311MX	National Semiconductor (NSC)	Discontinued 03/10/1998	LP311DR		S	SOIC	8
LP311N	National Semiconductor (NSC)	Discontinued 03/10/1998	LP311P		S	PDIP	8
LP324M	National Semiconductor (NSC)		LP324D		S	SOIC	14
LP324MT	National Semiconductor (NSC)		LP324PW		S	TSSOP	14
LP324MTX	National Semiconductor (NSC)		LP324PWR		S	TSSOP	14
LP324MX	National Semiconductor (NSC)		LP324DR		S	SOIC	14
LP324N	National Semiconductor (NSC)		LP324N		S	PDIP	14
LP339M	National Semiconductor (NSC)		LP339D		S	SOIC	14
LP339MX	National Semiconductor (NSC)		LP339DR		S	SOIC	14
LP339N	National Semiconductor (NSC)		LP339N		S	PDIP	14
LPV321M5	National Semiconductor (NSC)		LPV321DBVR		S	SOT-23	5
LPV321M5X	National Semiconductor (NSC)		LPV321DBVR		S	SOT-23	5
LPV321M7	National Semiconductor (NSC)		LPV321DCKR		S	SC70	5
LPV321M7X	National Semiconductor (NSC)		LPV321DCKR		S	SC70	5
LPV324M	National Semiconductor (NSC)		LPV324D		S	SOIC	14
LPV324MT	National Semiconductor (NSC)	CMMR, GBW, PSRR, Vs differ	LM324APW		Q	TSSOP	14
LPV324MT	National Semiconductor (NSC)	CMMR, GBW, PSRR, Vs differ	LM324KPW		Q	TSSOP	14
LPV324MT	National Semiconductor (NSC)	CMMR, GBW, PSRR, Vs differ	LM324PW		Q	TSSOP	14
LPV324MT	National Semiconductor (NSC)	GBW differs	LMV324PWR		S	TSSOP	14
LPV324MT	National Semiconductor (NSC)		LPV324PW		S	TSSOP	14
LPV324MTX	National Semiconductor (NSC)	CMMR, GBW, PSRR, Vs differ	LM324APWR		Q	TSSOP	14
LPV324MTX	National Semiconductor (NSC)	CMMR, GBW, PSRR, Vs differ	LM324KPWR		Q	TSSOP	14
LPV324MTX	National Semiconductor (NSC)	CMMR, GBW, PSRR, Vs differ	LM324PWR		Q	TSSOP	14
LPV324MTX	National Semiconductor (NSC)	GBW differs	LMV324PWR		S	TSSOP	14
LPV324MTX	National Semiconductor (NSC)		LPV324PWR		S	TSSOP	14
LPV324MX	National Semiconductor (NSC)		LPV324DR		S	SOIC	14
LPV358M	National Semiconductor (NSC)		LPV358D		S	SOIC	8
LPV358MM	National Semiconductor (NSC)		LPV358DGKR		S	MSOP	8
LPV358MMX	National Semiconductor (NSC)		LPV358DGKR		S	MSOP	8
LPV358MX	National Semiconductor (NSC)		LPV358DR		S	SOIC	8
LT1004IS8-2.5	Linear Technology Corp (LTC)		LT1004ID-2.5		S	SOIC	8
LT1004IS8-2.5#TR	Linear Technology Corp (LTC)		LT1004IDR-2.5		S	SOIC	8
LT1013CN8	Linear Technology Corp (LTC)		LT1013CP		S	PDIP	8
LT1013DN8	Linear Technology Corp (LTC)		LT1013DP		S	PDIP	8
LT1013DS8	Linear Technology Corp (LTC)		LT1013DD		S	SOIC	8
LT1013DS8#TR	Linear Technology Corp (LTC)		LT1013DDR		S	SOIC	8
LT1013IN8	Linear Technology Corp (LTC)		LT1013DIP		S	PDIP	8
LT1013IS8	Linear Technology Corp (LTC)		LT1013DID		S	SOIC	8
LT1013IS8#TR	Linear Technology Corp (LTC)		LT1013DIDR		S	SOIC	8
LT1014ACN	Linear Technology Corp (LTC)		LT1014CN		Q	PDIP	14
LT1014ACN	Linear Technology Corp (LTC)		LT1014CN		Q	PDIP	14
LT1014CN	Linear Technology Corp (LTC)		LT1014CN		S	PDIP	14
LT1014DN	Linear Technology Corp (LTC)		LT1014DN		S	PDIP	14
LT1014DSW	Linear Technology Corp (LTC)		LT1014DDW		S	SOIC	16
LT1014DSW#TR	Linear Technology Corp (LTC)		LT1014DDWR		S	SOIC	16
LT1014DSW/TR	Linear Technology Corp (LTC)		LT1014DDWR		S	SOIC	16
LT1014IN	Linear Technology Corp (LTC)		LT1014CN	I-temp obsolete	Q	PDIP	14
LT1014ISW	Linear Technology Corp (LTC)		LT1014DIDW		S	SOIC	16
LT1014ISW/TR	Linear Technology Corp (LTC)	Av, CMRR differ	LT1014DIDW		S	SOIC	16
LT1054CN8	Linear Technology Corp (LTC)		LT1054CP		S	PDIP	8
LT1054CSW	Linear Technology Corp (LTC)		LT1054CDW		S	SOIC	16
LT1054CSW/TR	Linear Technology Corp (LTC)		LT1054CDWR		S	SOIC	16
LT1054IN8	Linear Technology Corp (LTC)		LT1054IP		S	PDIP	8
LT1054ISW	Linear Technology Corp (LTC)		LT1054IDW		S	SOIC	16
LT1054ISW/TR	Linear Technology Corp (LTC)		LT1054IDWR		S	SOIC	16
LT1081CN	Linear Technology Corp (LTC)	Not IEC61000 ESD compliant	MAX232ECN	IEC61000 ESD compliant	S	PDIP	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
LT1081CN#PBF	Linear Technology Corp (LTC)	Pb-Free, Not IEC61000ESD compliant	MAX232ECN	IEC61000 ESD compliant	S	PDIP	16
LT1081CSW	Linear Technology Corp (LTC)	Not IEC61000 ESD compliant	MAX232ECDW	IEC61000 ESD compliant	S	SOIC	16
LT1081CSW#TR	Linear Technology Corp (LTC)	Not IEC61000 ESD compliant	MAX232ECDWR	IEC61000 ESD compliant	S	SOIC	16
LT1081CSW#TRPBF	Linear Technology Corp (LTC)	Pb-Free, Not IEC61000 ESD compliant	MAX232ECDWR	IEC61000 ESD compliant	S	SOIC	16
LT1081IN	Linear Technology Corp (LTC)	Not IEC61000 ESD compliant	MAX232EIN	IEC61000 ESD compliant	S	PDIP	16
LT1081IN#PBF	Linear Technology Corp (LTC)	Pb-Free, Not IEC61000ESD compliant	MAX232EIN	IEC61000 ESD compliant	S	PDIP	16
LT1081ISW	Linear Technology Corp (LTC)	Not IEC61000 ESD compliant	MAX232EIDW	IEC61000 ESD compliant	S	SOIC	16
LT1081ISW#PBF	Linear Technology Corp (LTC)	Pb-Free, Not IEC61000ESD compliant	MAX232EIDW	IEC61000 ESD compliant	S	SOIC	16
LT1081ISW#TR	Linear Technology Corp (LTC)	Not IEC61000 ESD compliant	MAX232EIDWR	IEC61000 ESD compliant	S	SOIC	16
LT1081ISW#TRPBF	Linear Technology Corp (LTC)	Pb-Free, Not IEC61000ESD compliant	MAX232EIDWR	IEC61000 ESD compliant	S	SOIC	16
LT1117CM	Linear Technology Corp (LTC)		TLV1117CKTTR		S	TO-263/DDPAK	3
LT1117CM#TR	Linear Technology Corp (LTC)		TLV1117CKTTR		S	TO-263/DDPAK	3
LT1117CM#TRPBF	Linear Technology Corp (LTC)	Pb-Free	TLV1117CKTTR		S	TO-263/DDPAK	3
LT1117CST	Linear Technology Corp (LTC)		TLV1117CDCY		S	SOT-223	3
LT1117CST#TR	Linear Technology Corp (LTC)		TLV1117CDCYR		S	SOT-223	3
LT1117CST#TRPBF	Linear Technology Corp (LTC)	Pb-Free	TLV1117CDCYR		S	SOT-223	3
LT1117CST-3.3	Linear Technology Corp (LTC)		TLV1117-33CDCYR		S	SOT-223	3
LT1117CST-3.3#TR	Linear Technology Corp (LTC)		TLV1117-33CDCYR		S	SOT-223	3
LT1117CST-3.3#TRPBF	Linear Technology Corp (LTC)	Pb-Free	TLV1117-33CDCYR		S	SOT-223	3
LT1117CST-5	Linear Technology Corp (LTC)		TLV1117-50CDCY		S	SOT-223	3
LT1117CST-5#TR	Linear Technology Corp (LTC)		TLV1117-50CDCYR		S	SOT-223	3
LT1117CST-5#TRPBF	Linear Technology Corp (LTC)	Pb-Free	TLV1117-50CDCYR		S	SOT-223	3
LT1117IST	Linear Technology Corp (LTC)		TLV1117IDCY		S	SOT-223	3
LT1117IST#TR	Linear Technology Corp (LTC)		TLV1117IDCYR		S	SOT-223	3
LT1117IST#TRPBF	Linear Technology Corp (LTC)	Pb-Free	TLV1117IDCYR		S	SOT-223	3
LT1117IST-3.3	Linear Technology Corp (LTC)		TLV1117-33IDCY		S	SOT-223	3
LT1117IST-3.3#TR	Linear Technology Corp (LTC)		TLV1117-33IDCYR		S	SOT-223	3
LT1117IST-3.3#TRPBF	Linear Technology Corp (LTC)	Pb-Free	TLV1117-33IDCYR		S	SOT-223	3
LT1117IST-5	Linear Technology Corp (LTC)		TLV1117-50IDCY		S	SOT-223	3
LT1117IST-5#TR	Linear Technology Corp (LTC)		TLV1117-50IDCYR		S	SOT-223	3
LT1117IST-5#TRPBF	Linear Technology Corp (LTC)		TLV1117-50IDCYR		S	SOT-223	3
LTC1044CN8	Linear Technology Corp (LTC)		LT1054IP		Q	PDIP	8
LTC1046CN8	Linear Technology Corp (LTC)		LT1054CP		Q	PDIP	8
LTC1485CN8	Linear Technology Corp (LTC)		SN75ALS176AP		Q		8
LTC1485CN8	Linear Technology Corp (LTC)		SN75ALS176BP		Q		8
LTC1485CN8	Linear Technology Corp (LTC)		SN75ALS176P		Q	PDIP	8
LTC1485CS8	Linear Technology Corp (LTC)		SN75ALS176AD		Q	SOIC	8
LTC1485CS8	Linear Technology Corp (LTC)		SN75ALS176BD		Q	SOIC	8
LTC1485CS8	Linear Technology Corp (LTC)		SN75ALS176D		Q	SOIC	8
LTC485CN8	Linear Technology Corp (LTC)		SN65ALS1176P		Q	PDIP	8
LTC485CN8	Linear Technology Corp (LTC)		SN75176BP		Q	PDIP	8
LTC485CS8	Linear Technology Corp (LTC)		SN65ALS1176D		Q	SOIC	8
LTC485CS8	Linear Technology Corp (LTC)		SN75176BD		Q	SOIC	8
LTC485IN8	Linear Technology Corp (LTC)		SN65ALS1176P		Q	PDIP	8
LTC485IS8	Linear Technology Corp (LTC)		SN65ALS1176D		Q	SOIC	8
LTC487CN	Linear Technology Corp (LTC)		SN75ALS174AN		Q	PDIP	16
LTC487CSW	Linear Technology Corp (LTC)		SN75ALS174ADW		Q	SOIC	16
LTC488CSW	Linear Technology Corp (LTC)		SN75173D	Offered in SOIC narrow only	P	SOIC	16
LTC489CSW	Linear Technology Corp (LTC)		SN75175D	Offered in SOIC narrow only	P	SOIC	16
M51848P	Mitsubishi Electronics	Discontinued 12/31/2001	NE555P		S	PDIP	8
M74AC574B	ST Microelectronics (STM)	tpd differs	SN74AC574N		S	PDIP	20
M74AC574M	ST Microelectronics (STM)	tpd differs	CD74AC574ME4		S	SOIC	20
M74AC574M	ST Microelectronics (STM)	tpd differs	SN74AC574DW		S	SOIC	20
M74AC574MTR	ST Microelectronics (STM)	tpd differs	CD74AC574M96E4		S	SOIC	20
M74AC574MTR	ST Microelectronics (STM)	tpd differs	SN74AC574DWR		S	SOIC	20
M74ACT574B	ST Microelectronics (STM)	tpd differs	SN74ACT574N		S	PDIP	20
M74ACT574M	ST Microelectronics (STM)	tpd differs	CD74ACT574ME4		S	SOIC	20
M74ACT574M	ST Microelectronics (STM)	tpd differs	SN74ACT374DW		S	SOIC	20
M74ACT574M	ST Microelectronics (STM)	tpd differs	SN74ACT574DW		S	SOIC	20
M74ACT574MTR	ST Microelectronics (STM)	tpd differs	CD74ACT574M96E4		S	SOIC	20
M74ACT574MTR	ST Microelectronics (STM)	tpd differs	SN74ACT574DWR		S	SOIC	20
M74HC00B1R	ST Microelectronics (STM)		CD74HC00E		S	PDIP	14
M74HC00M1R	ST Microelectronics (STM)		CD74HC00M		S	SOIC	14
M74HC00RM13TR	ST Microelectronics (STM)		CD74HC00M96		S	SOIC	14

LT1081CN#PBF — M74HC004M13TR

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
M74HC00TTR	ST Microelectronics (STM)		SN74HC00PWR		S	TSSOP	14
M74HC02B1R	ST Microelectronics (STM)		CD74HC02E		S	PDIP	14
M74HC02M1R	ST Microelectronics (STM)		CD74HC02M		S	SOIC	14
M74HC02RM13TR	ST Microelectronics (STM)		CD74HC02M96		S	SOIC	14
M74HC03B1R	ST Microelectronics (STM)		CD74HC03E		S	PDIP	14
M74HC03M1R	ST Microelectronics (STM)		CD74HC03M		S	SOIC	14
M74HC03RM13TR	ST Microelectronics (STM)		CD74HC03M96		S	SOIC	14
M74HC03TTR	ST Microelectronics (STM)	tpd differs	SN74HC03PWR		S	TSSOP	14
M74HC04B1R	ST Microelectronics (STM)		CD74HC04E		S	PDIP	14
M74HC04B1R	ST Microelectronics (STM)		SN74HC04N		S	PDIP	14
M74HC04M1R	ST Microelectronics (STM)		CD74HC04M		S	SOIC	14
M74HC04RM13TR	ST Microelectronics (STM)		CD74HC04M96		S	SOIC	14
M74HC04TTR	ST Microelectronics (STM)		SN74HC04PWR		S	TSSOP	14
M74HC05B1R	ST Microelectronics (STM)		SN74HC05N		S	PDIP	14
M74HC05M1R	ST Microelectronics (STM)		SN74HC05D		S	SOIC	14
M74HC05RM13TR	ST Microelectronics (STM)		SN74HC05DR		S	SOIC	14
M74HC08B1R	ST Microelectronics (STM)		CD74HC08E		S	PDIP	14
M74HC08M1R	ST Microelectronics (STM)		CD74HC08M		S	SOIC	14
M74HC08RM13TR	ST Microelectronics (STM)		CD74HC08M96		S	SOIC	14
M74HC08TTR	ST Microelectronics (STM)		CD74HC08PWR		S	TSSOP	14
M74HC107B1R	ST Microelectronics (STM)		CD74HC107E		S	PDIP	14
M74HC107M1R	ST Microelectronics (STM)		CD74HC107M		S	SOIC	14
M74HC107M1R	ST Microelectronics (STM)	tpd differs	CD74HC107M96		S	SOIC	14
M74HC107M1R	ST Microelectronics (STM)	tpd differs	CD74HC107M96E4		S	SOIC	14
M74HC107M1R	ST Microelectronics (STM)	tpd differs	CD74HC107MTE4		S	SOIC	14
M74HC107RM13TR	ST Microelectronics (STM)		CD74HC107M96		S	SOIC	14
M74HC107RM13TR	ST Microelectronics (STM)	tpd differs	CD74HC107M96		S	SOIC	14
M74HC107RM13TR	ST Microelectronics (STM)	tpd differs	CD74HC107MTE4		S	SOIC	14
M74HC109B1R	ST Microelectronics (STM)		CD74HC109E		S	PDIP	16
M74HC109M1R	ST Microelectronics (STM)		CD74HC109M		S	SOIC	16
M74HC109M1R	ST Microelectronics (STM)	tpd differs	CD74HC109M96E4		S	SOIC	16
M74HC109M1R	ST Microelectronics (STM)	tpd differs	CD74HC109MT		S	SOIC	16
M74HC109M1R	ST Microelectronics (STM)	tpd differs	CD74HC109MTE4		S	SOIC	16
M74HC109M1R	ST Microelectronics (STM)	tpd differs	SN74HC109DR		S	SOIC	16
M74HC109M1R	ST Microelectronics (STM)	tpd differs	SN74HC109DT		S	SOIC	16
M74HC109RM13TR	ST Microelectronics (STM)		CD74HC109M96		S	SOIC	16
M74HC109RM13TR	ST Microelectronics (STM)	tpd differs	CD74HC109M96E4		S	SOIC	16
M74HC109RM13TR	ST Microelectronics (STM)	tpd differs	CD74HC109MT		S	SOIC	16
M74HC109RM13TR	ST Microelectronics (STM)	tpd differs	CD74HC109MTE4		S	SOIC	16
M74HC109RM13TR	ST Microelectronics (STM)	tpd differs	SN74HC109DR		S	SOIC	16
M74HC109RM13TR	ST Microelectronics (STM)	tpd differs	SN74HC109DT		S	SOIC	16
M74HC10B1R	ST Microelectronics (STM)		CD74HC10E		S	PDIP	14
M74HC10M1R	ST Microelectronics (STM)		CD74HC10M		S	SOIC	14
M74HC10RM13TR	ST Microelectronics (STM)		CD74HC10M96		S	SOIC	14
M74HC112B1R	ST Microelectronics (STM)		CD74HC112E		S	PDIP	16
M74HC112M1R	ST Microelectronics (STM)	tpd differs	CD74HC112M96E4		S	SOIC	16
M74HC112M1R	ST Microelectronics (STM)	tpd differs	CD74HC112MT		S	SOIC	16
M74HC112M1R	ST Microelectronics (STM)	tpd differs	CD74HC112MTE4		S	SOIC	16
M74HC112M1R	ST Microelectronics (STM)		SN74HC112D		S	SOIC	14
M74HC112M1R	ST Microelectronics (STM)		SN74HC112DR		S	SOIC	16
M74HC112M1R	ST Microelectronics (STM)		SN74HC112DRE4		S	SOIC	16
M74HC112M1R	ST Microelectronics (STM)		SN74HC112DT		S	SOIC	16
M74HC112M1R	ST Microelectronics (STM)		SN74HC112DTE4		S	SOIC	16
M74HC112RM13TR	ST Microelectronics (STM)		CD74HC112M96		S	SOIC	14
M74HC112RM13TR	ST Microelectronics (STM)	tpd differs	CD74HC112M96E4		S	SOIC	16
M74HC112RM13TR	ST Microelectronics (STM)	tpd differs	CD74HC112MTE4		S	SOIC	16
M74HC112RM13TR	ST Microelectronics (STM)		SN74HC112DRE4		S	SOIC	16
M74HC112RM13TR	ST Microelectronics (STM)		SN74HC112DT		S	SOIC	16
M74HC112RM13TR	ST Microelectronics (STM)		SN74HC112DTE4		S	SOIC	16
M74HC11B1R	ST Microelectronics (STM)		CD74HC11E		S	PDIP	14
M74HC11M1R	ST Microelectronics (STM)		CD74HC11M		S	SOIC	14
M74HC11RM13TR	ST Microelectronics (STM)		CD74HC11M96		S	SOIC	14
M74HC11TTR	ST Microelectronics (STM)		SN74HC11PWR		S	TSSOP	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
M74HC123AB1R	ST Microelectronics (STM)		CD74HC123E		S	PDIP	16
M74HC123AM1R	ST Microelectronics (STM)		CD74HC123M		S	SOIC	16
M74HC123ARM13TR	ST Microelectronics (STM)		CD74HC123M96		S	SOIC	16
M74HC123B1R	ST Microelectronics (STM)		CD74HC123E		S	PDIP	16
M74HC123M1R	ST Microelectronics (STM)		CD74HC123M		S	SOIC	16
M74HC123RM13TR	ST Microelectronics (STM)		CD74HC123M96		S	SOIC	16
M74HC123TTR	ST Microelectronics (STM)		CD74HC123PWR		S	TSSOP	16
M74HC125B1R	ST Microelectronics (STM)		CD74HC125E		S	PDIP	14
M74HC125M1R	ST Microelectronics (STM)		CD74HC125M		S	SOIC	14
M74HC125M1R	ST Microelectronics (STM)	tgd differs	CD74HC125MT		S	SOIC	14
M74HC125RM13TR	ST Microelectronics (STM)		CD74HC125M96		S	SOIC	14
M74HC125RM13TR	ST Microelectronics (STM)	tgd differs	CD74HC125MT		S	SOIC	14
M74HC125RM13TR	ST Microelectronics (STM)	tgd differs	SN74HC125D		S	SOIC	14
M74HC125TTR	ST Microelectronics (STM)		SN74HC125PWR		S	TSSOP	14
M74HC126B1R	ST Microelectronics (STM)		CD74HC126E		S	PDIP	14
M74HC126M1R	ST Microelectronics (STM)		CD74HC126M		S	SOIC	14
M74HC126M1R	ST Microelectronics (STM)	tgd differs	SN74HC126D		S	SOIC	14
M74HC126RM13TR	ST Microelectronics (STM)		CD74HC126M96		S	SOIC	14
M74HC126TTR	ST Microelectronics (STM)		SN74HC126PWR		S	TSSOP	14
M74HC132B1R	ST Microelectronics (STM)		CD74HC132E		S	PDIP	14
M74HC132M1R	ST Microelectronics (STM)		CD74HC132M		S	SOIC	14
M74HC132RM13TR	ST Microelectronics (STM)		CD74HC132M96		S	SOIC	14
M74HC132TTR	ST Microelectronics (STM)		SN74HC132PWR		S	TSSOP	14
M74HC137B1R	ST Microelectronics (STM)		CD74HC137E		S	PDIP	16
M74HC138B1R	ST Microelectronics (STM)		CD74HC138E		S	PDIP	16
M74HC138M1R	ST Microelectronics (STM)		CD74HC138M		S	SOIC	16
M74HC138RM13TR	ST Microelectronics (STM)		CD74HC138M96		S	SOIC	16
M74HC138TTR	ST Microelectronics (STM)		SN74HC138PWR		S	TSSOP	16
M74HC139B1R	ST Microelectronics (STM)		CD74HC139E		S	PDIP	16
M74HC139M1R	ST Microelectronics (STM)		CD74HC139M		S	SOIC	16
M74HC139RM13TR	ST Microelectronics (STM)		CD74HC139M96		S	SOIC	16
M74HC147B1R	ST Microelectronics (STM)		CD74HC147E		S	PDIP	16
M74HC147RM13TR	ST Microelectronics (STM)		CD74HC147M96		S	SOIC	16
M74HC148B1R	ST Microelectronics (STM)		SN74HC148N		S	PDIP	16
M74HC148M1R	ST Microelectronics (STM)		SN74HC148D		S	SOIC	16
M74HC148RM13TR	ST Microelectronics (STM)		SN74HC148DR		S	SOIC	16
M74HC14B1R	ST Microelectronics (STM)		CD74HC14E		S	PDIP	14
M74HC14M1R	ST Microelectronics (STM)		CD74HC14M		S	SOIC	14
M74HC14RM13TR	ST Microelectronics (STM)		CD74HC14M96		S	SOIC	14
M74HC14TTR	ST Microelectronics (STM)		CD74HC14PWR		S	TSSOP	14
M74HC151B1R	ST Microelectronics (STM)		CD74HC151E		S	PDIP	16
M74HC151M1R	ST Microelectronics (STM)		CD74HC151M		S	SOIC	16
M74HC151M1R	ST Microelectronics (STM)	tgd differs	SN74HC151D		S	SOIC	16
M74HC151M1R	ST Microelectronics (STM)	tgd differs	SN74HC151DR		S	SOIC	16
M74HC151M1R	ST Microelectronics (STM)	tgd differs	SN74HC151DT		S	SOIC	16
M74HC151RM13TR	ST Microelectronics (STM)		CD74HC151M96		S	SOIC	16
M74HC151RM13TR	ST Microelectronics (STM)	tgd differs	SN74HC151D		S	SOIC	16
M74HC151RM13TR	ST Microelectronics (STM)	tgd differs	SN74HC151DR		S	SOIC	16
M74HC151RM13TR	ST Microelectronics (STM)	tgd differs	SN74HC151DT		S	SOIC	16
M74HC151TTR	ST Microelectronics (STM)	tgd differs	SN74HC151PWR		S	TSSOP	16
M74HC153B1R	ST Microelectronics (STM)		CD74HC153E		S	PDIP	16
M74HC153M1R	ST Microelectronics (STM)		CD74HC153M		S	SOIC	16
M74HC153RM13TR	ST Microelectronics (STM)		CD74HC153M96		S	SOIC	16
M74HC153TTR	ST Microelectronics (STM)		SN74HC153PWR		S	TSSOP	16
M74HC154B1R	ST Microelectronics (STM)	Discontinued	CD74HC154E		S	PDIP	24
M74HC154M1R	ST Microelectronics (STM)	Discontinued	CD74HC154M		S	SOIC	24
M74HC154RM13TR	ST Microelectronics (STM)	Discontinued	CD74HC154M96		S	SOIC	24
M74HC157B1R	ST Microelectronics (STM)		CD74HC157E		S	PDIP	16
M74HC157M1R	ST Microelectronics (STM)		CD74HC157M		S	SOIC	16
M74HC157RM13TR	ST Microelectronics (STM)		CD74HC157M96		S	SOIC	16
M74HC158B1R	ST Microelectronics (STM)		SN74HC158N		S	PDIP	16
M74HC158M1R	ST Microelectronics (STM)		SN74HC158D		S	SOIC	16
M74HC158M1R	ST Microelectronics (STM)	tgd differs	SN74HC158DR		S	SOIC	16
M74HC158M1R	ST Microelectronics (STM)	tgd differs	SN74HC158DT		S	SOIC	16

M74HC123AB1R — M74HC158M1R

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
M74HC158RM13TR	ST Microelectronics (STM)		SN74HC158DR		S	SOIC	16
M74HC158RM13TR	ST Microelectronics (STM)	tpd differs	SN74HC158DT		S	SOIC	16
M74HC158TTR	ST Microelectronics (STM)	tpd differs	SN74HC158PWR		S	TSSOP	16
M74HC161B1R	ST Microelectronics (STM)		CD74HC161E		S	PDIP	16
M74HC161M1R	ST Microelectronics (STM)		CD74HC161M		S	SOIC	16
M74HC161M1R	ST Microelectronics (STM)		SN74HC161DR		S	SOIC	16
M74HC161RM13TR	ST Microelectronics (STM)		CD74HC161M96		S	SOIC	16
M74HC163B1R	ST Microelectronics (STM)		CD74HC163E		S	PDIP	16
M74HC163M1R	ST Microelectronics (STM)		CD74HC163M		S	SOIC	16
M74HC163M1R	ST Microelectronics (STM)		SN74HC163DR		S	SOIC	16
M74HC163RM13TR	ST Microelectronics (STM)		CD74HC163M96		S	SOIC	16
M74HC164B1R	ST Microelectronics (STM)		CD74HC164E		S	PDIP	14
M74HC164M1R	ST Microelectronics (STM)		CD74HC164M		S	SOIC	14
M74HC164RM13TR	ST Microelectronics (STM)		CD74HC164M96		S	SOIC	14
M74HC164TTR	ST Microelectronics (STM)		SN74HC164PWR		S	TSSOP	14
M74HC165B1R	ST Microelectronics (STM)		CD74HC165E		S	PDIP	16
M74HC165M1R	ST Microelectronics (STM)		CD74HC165M		S	SOIC	16
M74HC165M1R	ST Microelectronics (STM)		SN74HC165DR		S	SOIC	16
M74HC165RM13TR	ST Microelectronics (STM)		CD74HC165M96		S	SOIC	16
M74HC165RM13TR	ST Microelectronics (STM)		SN74HC165DR		S	SOIC	16
M74HC165TT	ST Microelectronics (STM)		SN74HC165PW		S	TSSOP	16
M74HC165TTR	ST Microelectronics (STM)		SN74HC165PWR		S	TSSOP	16
M74HC166B1R	ST Microelectronics (STM)		CD74HC166E		S	PDIP	16
M74HC166B1R	ST Microelectronics (STM)		SN74HC166N		S	PDIP	16
M74HC166M1R	ST Microelectronics (STM)		CD74HC166M		S	SOIC	16
M74HC166M1R	ST Microelectronics (STM)		SN74HC166D		S	SOIC	16
M74HC166M1R	ST Microelectronics (STM)		SN74HC166DR		S	SOIC	16
M74HC166M1R	ST Microelectronics (STM)		SN74HC166DT		S	SOIC	16
M74HC166RM13TR	ST Microelectronics (STM)		CD74HC166M96		S	SOIC	16
M74HC166RM13TR	ST Microelectronics (STM)		SN74HC166DR		S	SOIC	16
M74HC166RM13TR	ST Microelectronics (STM)		SN74HC166DT		S	SOIC	16
M74HC166TTR	ST Microelectronics (STM)		SN74HC166PWR		S	TSSOP	16
M74HC173B1R	ST Microelectronics (STM)		CD74HC173E		S	PDIP	16
M74HC173M1R	ST Microelectronics (STM)		CD74HC173M		S	SOIC	16
M74HC173RM13TR	ST Microelectronics (STM)		CD74HC173M96		S	SOIC	16
M74HC174B1R	ST Microelectronics (STM)		CD74HC174E		S	PDIP	16
M74HC174M1R	ST Microelectronics (STM)		CD74HC174M		S	SOIC	16
M74HC174M1R	ST Microelectronics (STM)	tpd differs	CD74HC174MT		S	SOIC	16
M74HC174M1R	ST Microelectronics (STM)	tpd differs	CD74HC174MTE4		S	SOIC	16
M74HC174RM13TR	ST Microelectronics (STM)		CD74HC174M96		S	SOIC	16
M74HC174RM13TR	ST Microelectronics (STM)	tpd differs	CD74HC174MT		S	SOIC	16
M74HC174RM13TR	ST Microelectronics (STM)	tpd differs	CD74HC174MTE4		S	SOIC	16
M74HC175B1R	ST Microelectronics (STM)		CD74HC175E		S	PDIP	16
M74HC175M1R	ST Microelectronics (STM)		CD74HC175M		S	SOIC	16
M74HC175M1R	ST Microelectronics (STM)	tpd differs	CD74HC175MT		S	SOIC	16
M74HC175RM13TR	ST Microelectronics (STM)		CD74HC175M96		S	SOIC	16
M74HC175RM13TR	ST Microelectronics (STM)	tpd differs	CD74HC175MT		S	SOIC	16
M74HC175T	ST Microelectronics (STM)	tpd differs	SN74HC175PWR		S	TSSOP	16
M74HC175TTR	ST Microelectronics (STM)	tpd differs	SN74HC175PWR		S	TSSOP	16
M74HC190B1R	ST Microelectronics (STM)		CD74HC190E		S	PDIP	16
M74HC191B1R	ST Microelectronics (STM)		CD74HC191E		S	PDIP	16
M74HC191M1R	ST Microelectronics (STM)		CD74HC191M		S	SOIC	16
M74HC191RM13TR	ST Microelectronics (STM)		CD74HC191M96		S	SOIC	16
M74HC192B1R	ST Microelectronics (STM)		CD74HC192E		S	PDIP	16
M74HC193B1R	ST Microelectronics (STM)		CD74HC193E		S	PDIP	16
M74HC193M1R	ST Microelectronics (STM)		CD74HC193M		S	SOIC	16
M74HC193RM13TR	ST Microelectronics (STM)		CD74HC193M96		S	SOIC	16
M74HC194B1R	ST Microelectronics (STM)		CD74HC194E		S	PDIP	16
M74HC194M1R	ST Microelectronics (STM)		CD74HC194M		S	SOIC	16
M74HC194RM13TR	ST Microelectronics (STM)		CD74HC194M96		S	SOIC	16
M74HC195M1R	ST Microelectronics (STM)		CD74HC195M		S	SOIC	16
M74HC195RM13TR	ST Microelectronics (STM)		CD74HC195M96		S	SOIC	16
M74HC20B1R	ST Microelectronics (STM)		CD74HC20E		S	PDIP	14
M74HC20M1R	ST Microelectronics (STM)		CD74HC20M		S	SOIC	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
M74HC20RM13TR	ST Microelectronics (STM)		CD74HC20M96		S	SOIC	14
M74HC21B1R	ST Microelectronics (STM)		CD74HC21E		S	PDIP	14
M74HC21M1R	ST Microelectronics (STM)		CD74HC21M		S	SOIC	14
M74HC21RM13TR	ST Microelectronics (STM)		CD74HC21M96		S	SOIC	14
M74HC221B1R	ST Microelectronics (STM)		CD74HC221E		S	PDIP	16
M74HC221M1R	ST Microelectronics (STM)		CD74HC221M		S	SOIC	16
M74HC221RM13TR	ST Microelectronics (STM)		CD74HC221M96		S	SOIC	16
M74HC237B1R	ST Microelectronics (STM)		CD74HC237E		S	PDIP	16
M74HC237M1R	ST Microelectronics (STM)		CD74HC237M		S	SOIC	16
M74HC237RM13TR	ST Microelectronics (STM)		CD74HC237M96		S	SOIC	16
M74HC238B1R	ST Microelectronics (STM)		CD74HC238E		S	PDIP	16
M74HC238M1R	ST Microelectronics (STM)		CD74HC238M		S	SOIC	16
M74HC238RM13TR	ST Microelectronics (STM)		CD74HC238M96		S	SOIC	16
M74HC238TTR	ST Microelectronics (STM)		CD74HC238PWR		S	TSSOP	16
M74HC240B1R	ST Microelectronics (STM)		CD74HC240E		S	PDIP	20
M74HC240HVM1R	ST Microelectronics (STM)	tpd differs	SN74HC240DW		S	SOIC	20
M74HC240HVRM13TR	ST Microelectronics (STM)	tpd differs	SN74HC240DW		S	SOIC	20
M74HC240M1R	ST Microelectronics (STM)		CD74HC240M		S	SOIC	20
M74HC240M1R	ST Microelectronics (STM)	tpd differs	SN74HC240DW		S	SOIC	20
M74HC240RM13TR	ST Microelectronics (STM)		CD74HC240M96		S	SOIC	20
M74HC241B1R	ST Microelectronics (STM)		CD74HC241E		S	PDIP	20
M74HC241HVM1R	ST Microelectronics (STM)	tpd differs	SN74HC241DW		S	SOIC	20
M74HC241HVM1R	ST Microelectronics (STM)	tpd differs	SN74HC241DWR		S	SOIC	20
M74HC241HVRM13TR	ST Microelectronics (STM)	tpd differs	SN74HC241DW		S	SOIC	20
M74HC241HVRM13TR	ST Microelectronics (STM)	tpd differs	SN74HC241DWR		S	SOIC	20
M74HC241M1R	ST Microelectronics (STM)		CD74HC241M		S	SOIC	20
M74HC241M1R	ST Microelectronics (STM)		SN74HC241DW		S	SOIC	20
M74HC241M1R	ST Microelectronics (STM)		SN74HC241DWR		S	SOIC	20
M74HC241RM13TR	ST Microelectronics (STM)		CD74HC241M96		S	SOIC	20
M74HC241RM13TR	ST Microelectronics (STM)		SN74HC241DWR		S	SOIC	20
M74HC243B1R	ST Microelectronics (STM)		CD74HC243E		S	PDIP	14
M74HC243M1R	ST Microelectronics (STM)		CD74HC243M		S	SOIC	14
M74HC243RM13TR	ST Microelectronics (STM)		CD74HC243M96		S	SOIC	14
M74HC244B1R	ST Microelectronics (STM)	tpd differs	CD74HC244E		S	PDIP	20
M74HC244M1R	ST Microelectronics (STM)		CD74HC244M		S	SOIC	20
M74HC244RM13TR	ST Microelectronics (STM)		CD74HC244M96		S	SOIC	20
M74HC244T	ST Microelectronics (STM)		SN74HC244PW		S	TSSOP	20
M74HC244T	ST Microelectronics (STM)		SN74HC244PWR		S	TSSOP	20
M74HC244TTR	ST Microelectronics (STM)		SN74HC244PWR		S	TSSOP	20
M74HC245B1R	ST Microelectronics (STM)		CD74HC245E		S	PDIP	20
M74HC245M1R	ST Microelectronics (STM)		CD74HC245M		S	SOIC	20
M74HC245M1R	ST Microelectronics (STM)	tpd differs	CD74HC245M96		S	SOP	20
M74HC245RM13TR	ST Microelectronics (STM)		CD74HC245M96		S	SOIC	20
M74HC245TTR	ST Microelectronics (STM)		SN74HC245PWR		S	TSSOP	20
M74HC251B1R	ST Microelectronics (STM)		CD74HC251E		S	PDIP	16
M74HC251M1R	ST Microelectronics (STM)		CD74HC251M		S	SOIC	16
M74HC251RM13TR	ST Microelectronics (STM)		CD74HC251M96		S	SOIC	16
M74HC253B1R	ST Microelectronics (STM)		CD74HC253E		S	PDIP	16
M74HC253M1R	ST Microelectronics (STM)		CD74HC253M		S	SOIC	16
M74HC253RM13TR	ST Microelectronics (STM)		SN74HC253DR		S	SOIC	16
M74HC257B1R	ST Microelectronics (STM)		CD74HC257E		S	PDIP	16
M74HC257M1R	ST Microelectronics (STM)		CD74HC257M		S	SOIC	16
M74HC257RM13TR	ST Microelectronics (STM)		CD74HC257M96		S	SOIC	16
M74HC258B1R	ST Microelectronics (STM)		SN74HC258N		S	PDIP	16
M74HC258M1R	ST Microelectronics (STM)		SN74HC258D		S	SOIC	16
M74HC258RM13TR	ST Microelectronics (STM)		SN74HC258DR		S	SOIC	16
M74HC259B1R	ST Microelectronics (STM)		CD74HC259E		S	PDIP	16
M74HC259M1R	ST Microelectronics (STM)		CD74HC259M		S	SOIC	16
M74HC259RM13TR	ST Microelectronics (STM)		CD74HC259M96		S	SOIC	16
M74HC259TTR	ST Microelectronics (STM)		SN74HC259PWR		S	TSSOP	16
M74HC266B1R	ST Microelectronics (STM)		SN74HC266N		S	PDIP	14
M74HC266M1R	ST Microelectronics (STM)		SN74HC266D		S	SOIC	14
M74HC266RM13TR	ST Microelectronics (STM)		SN74HC266DR		S	SOIC	14
M74HC273B1R	ST Microelectronics (STM)		CD74HC273E		S	PDIP	20

M74HC20RM13TR — M74HC273B1R

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
M74HC273M1R	ST Microelectronics (STM)		CD74HC273M		S	SOIC	20
M74HC273M1R	ST Microelectronics (STM)	tpd differs	CD74HC273M96E4		S	SOIC	20
M74HC273RM13TR	ST Microelectronics (STM)		CD74HC273M96		S	SOIC	20
M74HC273RM13TR	ST Microelectronics (STM)	tpd differs	CD74HC273M96E4		S	SOIC	20
M74HC273TTR	ST Microelectronics (STM)		SN74HC273PWR		S	TSSOP	20
M74HC27B1R	ST Microelectronics (STM)		CD74HC27E		S	PDIP	14
M74HC27M1R	ST Microelectronics (STM)		CD74HC27M		S	SOIC	14
M74HC27RM13TR	ST Microelectronics (STM)		CD74HC27M96		S	SOIC	14
M74HC280B1R	ST Microelectronics (STM)		CD74HC280E		S	PDIP	14
M74HC280M1R	ST Microelectronics (STM)		CD74HC280M96		S	SOIC	14
M74HC280RM13TR	ST Microelectronics (STM)		CD74HC280M96		S	SOIC	14
M74HC283B1R	ST Microelectronics (STM)		CD74HC283E		S	PDIP	16
M74HC283M1R	ST Microelectronics (STM)		CD74HC283M		S	SOIC	16
M74HC283RM13TR	ST Microelectronics (STM)		CD74HC283M96		S	SOIC	16
M74HC299B1R	ST Microelectronics (STM)		CD74HC299E		S	PDIP	20
M74HC299M1R	ST Microelectronics (STM)		CD74HC299M		S	SOIC	20
M74HC299RM13TR	ST Microelectronics (STM)		CD74HC299M96		S	SOIC	20
M74HC30B1R	ST Microelectronics (STM)		CD74HC30E		S	PDIP	14
M74HC30M1R	ST Microelectronics (STM)		CD74HC30M		S	SOIC	14
M74HC30RM13TR	ST Microelectronics (STM)		CD74HC30M96		S	SOIC	14
M74HC32B1R	ST Microelectronics (STM)		CD74HC32E		S	PDIP	14
M74HC32M1R	ST Microelectronics (STM)		CD74HC32M		S	SOIC	14
M74HC32RM13TR	ST Microelectronics (STM)		CD74HC32M96		S	SOIC	14
M74HC32TTR	ST Microelectronics (STM)		SN74HC32PWR		S	TSSOP	14
M74HC354B1R	ST Microelectronics (STM)		CD74HC354E		S	PDIP	20
M74HC365B1R	ST Microelectronics (STM)		CD74HC365E		S	PDIP	16
M74HC365M1R	ST Microelectronics (STM)		CD74HC365M		S	SOIC	16
M74HC365M1R	ST Microelectronics (STM)	tpd differs	CD74HC365MT		S	SOIC	16
M74HC365M1R	ST Microelectronics (STM)	tpd differs	SN74HC365DR		S	SOIC	16
M74HC365M1R	ST Microelectronics (STM)	tpd differs	SN74HC365DT		S	SOIC	16
M74HC365RM13TR	ST Microelectronics (STM)		CD74HC365M96		S	SOIC	16
M74HC365RM13TR	ST Microelectronics (STM)	tpd differs	CD74HC365MT		S	SOIC	16
M74HC365RM13TR	ST Microelectronics (STM)	tpd differs	SN74HC365DR		S	SOIC	16
M74HC365RM13TR	ST Microelectronics (STM)	tpd differs	SN74HC365DT		S	SOIC	16
M74HC365TTR	ST Microelectronics (STM)		SN74HC365PWR		S	TSSOP	16
M74HC366B1R	ST Microelectronics (STM)		CD74HC366E		S	PDIP	16
M74HC366M1R	ST Microelectronics (STM)		CD74HC366M		S	SOIC	16
M74HC366RM13TR	ST Microelectronics (STM)		CD74HC366M96		S	SOIC	16
M74HC367B1R	ST Microelectronics (STM)		CD74HC367E		S	PDIP	16
M74HC367M1R	ST Microelectronics (STM)		CD74HC367M		S	SOIC	16
M74HC367M1R	ST Microelectronics (STM)	tpd differs	CD74HC367MT		S	SOIC	16
M74HC367M1R	ST Microelectronics (STM)	tpd differs	SN74HC367D		S	SOIC	16
M74HC367M1R	ST Microelectronics (STM)	tpd differs	SN74HC367DT		S	SOIC	16
M74HC367RM13TR	ST Microelectronics (STM)		CD74HC367M96		S	SOIC	16
M74HC367RM13TR	ST Microelectronics (STM)	tpd differs	CD74HC367MT		S	SOIC	16
M74HC367RM13TR	ST Microelectronics (STM)	tpd differs	SN74HC367D		S	SOIC	16
M74HC367RM13TR	ST Microelectronics (STM)	tpd differs	SN74HC367DT		S	SOIC	16
M74HC367TTR	ST Microelectronics (STM)		SN74HC367PWR		S	TSSOP	16
M74HC368B1R	ST Microelectronics (STM)		CD74HC368E		S	PDIP	16
M74HC368B1R	ST Microelectronics (STM)	tpd differs	SN74HC368N		S	PDIP	16
M74HC368M1R	ST Microelectronics (STM)		CD74HC368M		S	SOIC	16
M74HC368M1R	ST Microelectronics (STM)	tpd differs	CD74HC368MT		S	SOIC	16
M74HC368M1R	ST Microelectronics (STM)	tpd differs	SN74HC368DR		S	SOIC	16
M74HC368M1R	ST Microelectronics (STM)	tpd differs	SN74HC368DT		S	SOIC	16
M74HC368RM13TR	ST Microelectronics (STM)		CD74HC368M96		S	SOIC	16
M74HC368RM13TR	ST Microelectronics (STM)	tpd differs	CD74HC368MT		S	SOIC	16
M74HC368RM13TR	ST Microelectronics (STM)	tpd differs	SN74HC368DR		S	SOIC	16
M74HC368RM13TR	ST Microelectronics (STM)	tpd differs	SN74HC368DT		S	SOIC	16
M74HC373B1R	ST Microelectronics (STM)		CD74HC373E		S	PDIP	20
M74HC373M1R	ST Microelectronics (STM)		CD74HC373M		S	SOIC	20
M74HC373RM13TR	ST Microelectronics (STM)		CD74HC373M96		S	SOIC	20
M74HC373TTR	ST Microelectronics (STM)		SN74HC373PWR		S	TSSOP	20
M74HC374B1R	ST Microelectronics (STM)		CD74HC374E		S	PDIP	20
M74HC374M1R	ST Microelectronics (STM)		CD74HC374M		S	SOIC	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
M74HC374M1R	ST Microelectronics (STM)	tpd differs	CD74HC374M96E4		S	SOIC	20
M74HC374RM13TR	ST Microelectronics (STM)		CD74HC374M96		S	SOIC	20
M74HC374RM13TR	ST Microelectronics (STM)	tpd differs	CD74HC374M96E4		S	SOIC	20
M74HC377B1R	ST Microelectronics (STM)		CD74HC377E		S	PDIP	20
M74HC377M1R	ST Microelectronics (STM)		CD74HC377M		S	SOIC	20
M74HC377M1R	ST Microelectronics (STM)	tpd differs	SN74HC377DWR		S	SOIC	20
M74HC377M1R	ST Microelectronics (STM)	tpd differs	SN74HC377DWRE4		S	SOIC	20
M74HC377RM13TR	ST Microelectronics (STM)		CD74HC377M96		S	SOIC	20
M74HC377RM13TR	ST Microelectronics (STM)	tpd differs	SN74HC377DWR		S	SOIC	20
M74HC377RM13TR	ST Microelectronics (STM)	tpd differs	SN74HC377DWRE4		S	SOIC	20
M74HC377TTR	ST Microelectronics (STM)		CD74HC377PWR		S	TSSOP	20
M74HC390B1R	ST Microelectronics (STM)		CD74HC390E		S	PDIP	20
M74HC390M1R	ST Microelectronics (STM)		CD74HC390M		S	SOIC	20
M74HC390RM13TR	ST Microelectronics (STM)		CD74HC390M96		S	SOIC	20
M74HC393B1R	ST Microelectronics (STM)		CD74HC393E		S	PDIP	14
M74HC393M1R	ST Microelectronics (STM)		CD74HC393M		S	SOIC	14
M74HC393M1R	ST Microelectronics (STM)		SN74HC393D		S	SOIC	14
M74HC393M1R	ST Microelectronics (STM)		SN74HC393DR		S	SOIC	14
M74HC393M1R	ST Microelectronics (STM)		SN74HC393DT		S	SOIC	14
M74HC393RM13TR	ST Microelectronics (STM)		CD74HC393M96		S	SOIC	14
M74HC4002B1R	ST Microelectronics (STM)		CD74HC4002E		S	PDIP	14
M74HC4002M1R	ST Microelectronics (STM)		CD74HC4002M		S	SOIC	14
M74HC4002RM13TR	ST Microelectronics (STM)		CD74HC4002M96		S	SOIC	14
M74HC40103B1R	ST Microelectronics (STM)		CD74HC40103E		S	PDIP	16
M74HC40103M1R	ST Microelectronics (STM)		CD74HC40103M		S	SOIC	16
M74HC40103RM13TR	ST Microelectronics (STM)		CD74HC40103M96		S	SOIC	16
M74HC4016B1R	ST Microelectronics (STM)		CD74HC4016E		S	PDIP	14
M74HC4016M1R	ST Microelectronics (STM)	Vs differs	CD74HC4016M96		S	SOP	14
M74HC4016RM13TR	ST Microelectronics (STM)		CD74HC4016M96		S	SOIC	14
M74HC4017B1R	ST Microelectronics (STM)		CD74HC4017E		S	PDIP	16
M74HC4017M1R	ST Microelectronics (STM)		CD74HC4017M		S	SOIC	16
M74HC4017M1R	ST Microelectronics (STM)	tpd differs	CD74HC4017MT		S	SOIC	16
M74HC4017RM13TR	ST Microelectronics (STM)		CD74HC4017M96		S	SOIC	16
M74HC4020B1R	ST Microelectronics (STM)		CD74HC4020E		S	PDIP	16
M74HC4020B1R	ST Microelectronics (STM)	tpd differs	SN74HC4020N		S	PDIP	16
M74HC4020M1R	ST Microelectronics (STM)		CD74HC4020M		S	SOIC	16
M74HC4020M1R	ST Microelectronics (STM)		SN74HC4020D		S	SOIC	16
M74HC4020M1R	ST Microelectronics (STM)		SN74HC4020DT		S	SOIC	16
M74HC4020RM13TR	ST Microelectronics (STM)		CD74HC4020M96		S	SOIC	16
M74HC4024B1R	ST Microelectronics (STM)		CD74HC4024E		S	PDIP	14
M74HC4024M1R	ST Microelectronics (STM)		CD74HC4024M		S	SOIC	14
M74HC4024RM13TR	ST Microelectronics (STM)		CD74HC4024M96		S	SOIC	14
M74HC4040B1R	ST Microelectronics (STM)		CD74HC4040E		S	PDIP	16
M74HC4040M1R	ST Microelectronics (STM)		CD74HC4040M		S	SOIC	16
M74HC4040RM13TR	ST Microelectronics (STM)		CD74HC4040M96		S	SOIC	16
M74HC4040TTR	ST Microelectronics (STM)		SN74HC4040PWR		S	TSSOP	16
M74HC4049B1R	ST Microelectronics (STM)		CD74HC4049E		S	PDIP	16
M74HC4049M1R	ST Microelectronics (STM)		CD74HC4049M		S	SOIC	16
M74HC4049M1R	ST Microelectronics (STM)	tpd differs	CD74HC4049MT		S	SOIC	16
M74HC4049RM13TR	ST Microelectronics (STM)		CD74HC4049M96		S	SOIC	16
M74HC4049RM13TR	ST Microelectronics (STM)	tpd differs	CD74HC4049MT		S	SOIC	16
M74HC4050B1R	ST Microelectronics (STM)		CD74HC4050E		S	PDIP	16
M74HC4050M1R	ST Microelectronics (STM)		CD74HC4050M		S	SOIC	16
M74HC4050M1R	ST Microelectronics (STM)	tpd differs	CD74HC4050MT		S	SOIC	16
M74HC4050RM13TR	ST Microelectronics (STM)		CD74HC4050M96		S	SOIC	16
M74HC4050RM13TR	ST Microelectronics (STM)	tpd differs	CD74HC4050MT		S	SOIC	16
M74HC4050TTR	ST Microelectronics (STM)		CD74HC4050PWR		S	TSSOP	16
M74HC4051B1R	ST Microelectronics (STM)		CD74HC4051E		S	PDIP	16
M74HC4051M1R	ST Microelectronics (STM)		CD74HC4051M		S	SOIC	16
M74HC4051RM13TR	ST Microelectronics (STM)		CD74HC4051M96		S	SOIC	16
M74HC4051TTR	ST Microelectronics (STM)		CD74HC4051PWR		S	TSSOP	16
M74HC4052B1R	ST Microelectronics (STM)		CD74HC4052E		S	PDIP	16
M74HC4052M1R	ST Microelectronics (STM)		CD74HC4052M		S	SOIC	16
M74HC4052TTR	ST Microelectronics (STM)		CD74HC4052PWR		S	TSSOP	16

M74HC374M1R — M74HC4052TTR

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
M74HC4053B1R	ST Microelectronics (STM)		CD74HC4053E		S	PDIP	16
M74HC4053M1R	ST Microelectronics (STM)		CD74HC4053M		S	SOIC	16
M74HC4053RM13TR	ST Microelectronics (STM)		CD74HC4053M96		S	SOIC	16
M74HC4053TTR	ST Microelectronics (STM)		CD74HC4053PWR		S	TSSOP	16
M74HC4060B1R	ST Microelectronics (STM)		CD74HC4060E		S	PDIP	16
M74HC4060M1R	ST Microelectronics (STM)		CD74HC4060M		S	SOIC	16
M74HC4060M1R	ST Microelectronics (STM)	tpd differs	SN74HC4060D		S	SOP	16
M74HC4060M1R	ST Microelectronics (STM)	tpd differs	SN74HC4060DR		S	SOIC	16
M74HC4060RM13TR	ST Microelectronics (STM)		CD74HC4060M96		S	SOIC	16
M74HC4060TTR	ST Microelectronics (STM)		CD74HC4060PWR		S	TSSOP	16
M74HC4066B1R	ST Microelectronics (STM)		CD74HC4066E		S	PDIP	14
M74HC4066M1R	ST Microelectronics (STM)		CD74HC4066M		S	SOIC	14
M74HC4066RM13TR	ST Microelectronics (STM)		CD74HC4066M96		S	SOIC	14
M74HC4066TTR	ST Microelectronics (STM)		CD74HC4066PWR		S	TSSOP	14
M74HC4075B1R	ST Microelectronics (STM)		CD74HC4075E		S	PDIP	14
M74HC4075M1R	ST Microelectronics (STM)		CD74HC4075M		S	SOIC	14
M74HC4075RM13TR	ST Microelectronics (STM)		CD74HC4075M96		S	SOIC	14
M74HC4094B1R	ST Microelectronics (STM)		CD74HC4094E		S	PDIP	16
M74HC4094M1R	ST Microelectronics (STM)		CD74HC4094M		S	SOIC	16
M74HC4094RM13TR	ST Microelectronics (STM)		CD74HC4094M96		S	SOIC	16
M74HC4094TTR	ST Microelectronics (STM)		CD74HC4094PWR		S	TSSOP	16
M74HC423B1R	ST Microelectronics (STM)		CD74HC423E		S	PDIP	16
M74HC423M1R	ST Microelectronics (STM)		CD74HC423M		S	SOIC	16
M74HC423RM13TR	ST Microelectronics (STM)		CD74HC423M96		S	SOIC	16
M74HC42B1R	ST Microelectronics (STM)		CD74HC42E		S	PDIP	16
M74HC42M1R	ST Microelectronics (STM)		CD74HC42M		S	SOIC	16
M74HC42RM13TR	ST Microelectronics (STM)		SN74HC42DR		S	SOIC	16
M74HC4316B1R	ST Microelectronics (STM)		CD74HC4316E		S	PDIP	16
M74HC4316M1R	ST Microelectronics (STM)		CD74HC4316M		S	SOIC	16
M74HC4316RM13TR	ST Microelectronics (STM)		CD74HC4316M96		S	SOIC	16
M74HC4316TTR	ST Microelectronics (STM)		CD74HC4316PWR		S	TSSOP	16
M74HC4351B1R	ST Microelectronics (STM)		CD74HC4351E		S	PDIP	20
M74HC4351M1R	ST Microelectronics (STM)		CD74HC4351M		S	SOIC	20
M74HC4351RM13TR	ST Microelectronics (STM)		CD74HC4351M96		S	SOIC	20
M74HC4352B1R	ST Microelectronics (STM)		CD74HC4352E		S	PDIP	20
M74HC4511M1R	ST Microelectronics (STM)		CD74HC4511M		S	SOIC	16
M74HC4511RM13TR	ST Microelectronics (STM)		CD74HC4511M96		S	SOIC	16
M74HC4514B1R	ST Microelectronics (STM)		CD74HC4514EN		S	PDIP	24
M74HC4514M1R	ST Microelectronics (STM)		CD74HC4514M		S	SOIC	24
M74HC4514RM13TR	ST Microelectronics (STM)		CD74HC4514M96		S	SOIC	24
M74HC4515B1R	ST Microelectronics (STM)		CD74HC4515EN		S	PDIP	24
M74HC4515M1R	ST Microelectronics (STM)		CD74HC4515M		S	SOIC	24
M74HC4515RM13TR	ST Microelectronics (STM)		CD74HC4515M96		S	SOIC	24
M74HC4518B1R	ST Microelectronics (STM)		CD74HC4518E		S	PDIP	16
M74HC4520B1R	ST Microelectronics (STM)		CD74HC4520E		S	PDIP	16
M74HC4520M1R	ST Microelectronics (STM)		CD74HC4520M		S	SOIC	16
M74HC4520M1R	ST Microelectronics (STM)	tpd differs	CD74HC4520MT		S	SOIC	16
M74HC4520RM13TR	ST Microelectronics (STM)		CD74HC4520M96		S	SOIC	16
M74HC4538B1R	ST Microelectronics (STM)		CD74HC4538E		S	PDIP	16
M74HC4538M1R	ST Microelectronics (STM)		CD74HC4538M		S	SOIC	16
M74HC4538RM13TR	ST Microelectronics (STM)		CD74HC4538M96		S	SOIC	16
M74HC4538TTR	ST Microelectronics (STM)		CD74HC4538PWR		S	TSSOP	16
M74HC4543B1R	ST Microelectronics (STM)		CD74HC4543E		S	PDIP	16
M74HC4852MW	ST Microelectronics (STM)	Wide SOIC	SN74HC4852D	Offered in SOIC narrow only	P	SOIC	16
M74HC4858B1R	ST Microelectronics (STM)		SN74HC4852N		S	PDIP	16
M74HC4858M1R	ST Microelectronics (STM)		SN74HC4852D		S	SOIC	16
M74HC4858RM13TR	ST Microelectronics (STM)		SN74HC4852DR		S	SOIC	16
M74HC4858TTR	ST Microelectronics (STM)		SN74HC4852PWR		S	TSSOP	16
M74HC533B1R	ST Microelectronics (STM)		CD74HC533E		S	PDIP	20
M74HC534B1R	ST Microelectronics (STM)		CD74HC534E		S	PDIP	20
M74HC540B1R	ST Microelectronics (STM)		CD74HC540E		S	PDIP	20
M74HC540M1R	ST Microelectronics (STM)		CD74HC540M		S	SOIC	20
M74HC540M1R	ST Microelectronics (STM)	tpd differs	SN74HC540DWR		S	SOIC	20
M74HC540RM13TR	ST Microelectronics (STM)		CD74HC540M96		S	SOIC	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
M74HC540RM13TR	ST Microelectronics (STM)	tpd differs	SN74HC540DW		S	SOIC	20
M74HC540RM13TR	ST Microelectronics (STM)	tpd differs	SN74HC540DWR		S	SOIC	20
M74HC541B1R	ST Microelectronics (STM)		CD74HC541E		S	PDIP	20
M74HC541M1R	ST Microelectronics (STM)		CD74HC541M		S	SOIC	20
M74HC541RM13TR	ST Microelectronics (STM)		CD74HC541M96		S	SOIC	20
M74HC541RM13TR	ST Microelectronics (STM)	tpd differs	SN74HC541DW		S	SOIC	20
M74HC563B1R	ST Microelectronics (STM)		CD74HC563E		S	PDIP	20
M74HC563B1R	ST Microelectronics (STM)		SN74HC563N		S	PDIP	20
M74HC563M1R	ST Microelectronics (STM)		CD74HC563M		S	SOIC	20
M74HC563M1R	ST Microelectronics (STM)		SN74HC563DWR		S	SOP	20
M74HC563RM13TR	ST Microelectronics (STM)		SN74HC563DWR		S	SOIC	20
M74HC564B1R	ST Microelectronics (STM)		CD74HC564E		S	PDIP	20
M74HC564M1R	ST Microelectronics (STM)		CD74HC564M		S	SOIC	20
M74HC564M1R	ST Microelectronics (STM)	tpd differs	CD74HC564M96E4		S	SOIC	20
M74HC564RM13TR	ST Microelectronics (STM)		CD74HC564M96		S	SOIC	20
M74HC564RM13TR	ST Microelectronics (STM)	tpd differs	CD74HC564M96E4		S	SOIC	20
M74HC573B1R	ST Microelectronics (STM)		CD74HC573E		S	PDIP	20
M74HC573M1R	ST Microelectronics (STM)		CD74HC573M		S	SOIC	20
M74HC573RM13TR	ST Microelectronics (STM)		CD74HC573M96		S	SOIC	20
M74HC574B1R	ST Microelectronics (STM)		CD74HC574E		S	PDIP	20
M74HC574M1R	ST Microelectronics (STM)		CD74HC574M		S	SOIC	20
M74HC574M1R	ST Microelectronics (STM)	tpd differs	CD74HC574M96E4		S	SOIC	20
M74HC574M1R	ST Microelectronics (STM)	tpd differs	SN74HC574DWR		S	SOIC	20
M74HC574RM13TR	ST Microelectronics (STM)		CD74HC574M96		S	SOIC	20
M74HC574RM13TR	ST Microelectronics (STM)	tpd differs	CD74HC574M96E4		S	SOIC	20
M74HC574RM13TR	ST Microelectronics (STM)	tpd differs	SN74HC574DWR		S	SOIC	20
M74HC574TTR	ST Microelectronics (STM)		SN74HC574PWV		S	TSSOP	20
M74HC590B1R	ST Microelectronics (STM)		SN74HC590AN		S	PDIP	16
M74HC590M1R	ST Microelectronics (STM)		SN74HC590AD		S	SOIC	16
M74HC590RM13TR	ST Microelectronics (STM)		SN74HC590ADR		S	SOIC	16
M74HC595B1R	ST Microelectronics (STM)		CD74HC595E		S	PDIP	16
M74HC595B1R	ST Microelectronics (STM)	tpd differs	SN74HC595N		S	PDIP	16
M74HC595M1R	ST Microelectronics (STM)		CD74HC595M		S	SOIC	16
M74HC595M1R	ST Microelectronics (STM)	tpd differs	SN74HC595DR		S	SOIC	16
M74HC595M1R	ST Microelectronics (STM)	tpd differs	SN74HC595DT		S	SOIC	16
M74HC595M1R	ST Microelectronics (STM)	tpd differs	SN74HC595DWR		S	SOIC	16
M74HC595RM13TR	ST Microelectronics (STM)		CD74HC595M96		S	SOIC	16
M74HC595TTR	ST Microelectronics (STM)		SN74HC595PWV		S	TSSOP	16
M74HC597B1R	ST Microelectronics (STM)		CD74HC597E		S	PDIP	16
M74HC597M1R	ST Microelectronics (STM)		CD74HC597M		S	SOIC	16
M74HC597RM13TR	ST Microelectronics (STM)		CD74HC597M96		S	SOIC	16
M74HC623B1R	ST Microelectronics (STM)		SN74HC623N		S	PDIP	20
M74HC623M1R	ST Microelectronics (STM)		SN74HC623DW		S	SOIC	20
M74HC623M1R	ST Microelectronics (STM)	tpd differs	SN74HC623DWR		S	SOIC	20
M74HC623RM13TR	ST Microelectronics (STM)		SN74HC623DWR		S	SOIC	20
M74HC640B1R	ST Microelectronics (STM)		CD74HC640E		S	PDIP	20
M74HC640B1R	ST Microelectronics (STM)	tpd differs	SN74HC640N		S	PDIP	20
M74HC640M1R	ST Microelectronics (STM)		CD74HC640M		S	SOIC	20
M74HC640M1R	ST Microelectronics (STM)	tpd differs	SN74HC640DWR		S	SOIC	20
M74HC640RM13TR	ST Microelectronics (STM)		SN74HC640DWR		S	SOIC	20
M74HC646B1R	ST Microelectronics (STM)		SN74HC646NT		S	PDIP	24
M74HC646M1R	ST Microelectronics (STM)		SN74HC646DW		S	SOIC	24
M74HC646M1R	ST Microelectronics (STM)		SN74HC646DWR		S	SOIC	24
M74HC646RM13TR	ST Microelectronics (STM)		SN74HC646DWR		S	SOIC	24
M74HC652B1R	ST Microelectronics (STM)		CD74HC652EN		S	PDIP	24
M74HC652M1R	ST Microelectronics (STM)		SN74HC652DW		S	SOIC	24
M74HC652RM13TR	ST Microelectronics (STM)		SN74HC652DWR		S	SOIC	24
M74HC670B1R	ST Microelectronics (STM)		CD74HC670E		S	PDIP	16
M74HC670M1R	ST Microelectronics (STM)		CD74HC670M		S	SOIC	16
M74HC670RM13TR	ST Microelectronics (STM)		CD74HC670M96		S	SOIC	16
M74HC688B1R	ST Microelectronics (STM)		CD74HC688E		S	PDIP	20
M74HC688M1R	ST Microelectronics (STM)		CD74HC688M		S	SOIC	20
M74HC688RM13TR	ST Microelectronics (STM)		CD74HC688M96		S	SOIC	20
M74HC7266B1R	ST Microelectronics (STM)		CD74HC7266E		S	PDIP	16

M74HC540RM13TR — M74HC7266B1R

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
M74HC7266M1R	ST Microelectronics (STM)		CD74HC7266M		S	SOIC	16
M74HC7266RM13TR	ST Microelectronics (STM)		CD74HC7266M96		S	SOIC	16
M74HC73B1R	ST Microelectronics (STM)		CD74HC73E		S	PDIP	14
M74HC73M1R	ST Microelectronics (STM)		CD74HC73M		S	SOIC	14
M74HC73M1R	ST Microelectronics (STM)	tpd differs	CD74HC73M96E4		S	SOIC	14
M74HC73M1R	ST Microelectronics (STM)	tpd differs	CD74HC73MT		S	SOIC	14
M74HC73M1R	ST Microelectronics (STM)	tpd differs	CD74HC73MTE4		S	SOIC	14
M74HC73RM13TR	ST Microelectronics (STM)		CD74HC73M96		S	SOIC	14
M74HC73RM13TR	ST Microelectronics (STM)	tpd differs	CD74HC73M96E4		S	SOIC	14
M74HC73RM13TR	ST Microelectronics (STM)	tpd differs	CD74HC73MT		S	SOIC	14
M74HC73RM13TR	ST Microelectronics (STM)	tpd differs	CD74HC73MTE4		S	SOIC	14
M74HC74B1R	ST Microelectronics (STM)		CD74HC74E		S	PDIP	14
M74HC74M1R	ST Microelectronics (STM)		CD74HC74M		S	SOIC	14
M74HC74M1R	ST Microelectronics (STM)		CD74HC74M96E4		S	SOIC	14
M74HC74M1R	ST Microelectronics (STM)		CD74HC74MT		S	SOIC	14
M74HC74M1R	ST Microelectronics (STM)		CD74HC74MTE4		S	SOIC	14
M74HC74RM13TR	ST Microelectronics (STM)		CD74HC74M96		S	SOIC	14
M74HC74RM13TR	ST Microelectronics (STM)		CD74HC74M96E4		S	SOIC	14
M74HC74RM13TR	ST Microelectronics (STM)		CD74HC74MT		S	SOIC	14
M74HC74RM13TR	ST Microelectronics (STM)		CD74HC74MTE4		S	SOIC	14
M74HC74TTR	ST Microelectronics (STM)		SN74HC74PWR		S	TSSOP	14
M74HC75B1R	ST Microelectronics (STM)		CD74HC75E		S	PDIP	16
M74HC75M1R	ST Microelectronics (STM)		CD74HC75M		S	SOIC	16
M74HC75RM13TR	ST Microelectronics (STM)		CD74HC75M96		S	SOIC	16
M74HC75TTR	ST Microelectronics (STM)		CD74HC75PWR		S	TSSOP	16
M74HC85B1R	ST Microelectronics (STM)		CD74HC85E		S	PDIP	16
M74HC85M1R	ST Microelectronics (STM)		CD74HC85M		S	SOIC	16
M74HC85RM13TR	ST Microelectronics (STM)		CD74HC85M96		S	SOIC	16
M74HC86B1R	ST Microelectronics (STM)		CD74HC86E		S	PDIP	14
M74HC86M1R	ST Microelectronics (STM)		CD74HC86M		S	SOIC	14
M74HC86RM13TR	ST Microelectronics (STM)		CD74HC86M96		S	SOIC	14
M74HCT00B1R	ST Microelectronics (STM)		CD74HCT00E		S	PDIP	14
M74HCT00M1R	ST Microelectronics (STM)		CD74HCT00M		S	SOIC	14
M74HCT00RM13TR	ST Microelectronics (STM)		CD74HCT00M96		S	SOIC	14
M74HCT00TTR	ST Microelectronics (STM)		SN74HCT00PWR		S	TSSOP	14
M74HCT02B1R	ST Microelectronics (STM)		CD74HCT02E		S	PDIP	14
M74HCT02M1R	ST Microelectronics (STM)		CD74HCT02M		S	SOIC	14
M74HCT02RM13TR	ST Microelectronics (STM)		CD74HCT02M96		S	SOIC	14
M74HCT04B1R	ST Microelectronics (STM)		CD74HCT04E		S	PDIP	14
M74HCT04M1R	ST Microelectronics (STM)		CD74HCT04M		S	SOIC	14
M74HCT04M1R	ST Microelectronics (STM)		SN74HCT04D		S	SOIC	14
M74HCT04RM13TR	ST Microelectronics (STM)		CD74HCT04M96		S	SOIC	14
M74HCT08B1R	ST Microelectronics (STM)		CD74HCT08E		S	PDIP	14
M74HCT08M1R	ST Microelectronics (STM)		CD74HCT08M		S	SOIC	14
M74HCT08RM13TR	ST Microelectronics (STM)		CD74HCT08M96		S	SOIC	14
M74HCT10B1R	ST Microelectronics (STM)		CD74HCT10E		S	PDIP	14
M74HCT10M1R	ST Microelectronics (STM)		CD74HCT10M		S	SOIC	14
M74HCT10RM13TR	ST Microelectronics (STM)		CD74HCT10M96		S	SOIC	14
M74HCT125B1R	ST Microelectronics (STM)		CD74HCT125E		S	PDIP	14
M74HCT125B1R	ST Microelectronics (STM)		SN74HCT125N		S	PDIP	14
M74HCT125M1R	ST Microelectronics (STM)		CD74HCT125M		S	SOIC	14
M74HCT125M1R	ST Microelectronics (STM)	tpd differs	CD74HCT125MT		S	SOIC	14
M74HCT125M1R	ST Microelectronics (STM)	tpd differs	SN74HCT125DR		S	SOIC	14
M74HCT125RM13TR	ST Microelectronics (STM)		CD74HCT125M96		S	SOIC	14
M74HCT125RM13TR	ST Microelectronics (STM)	tpd differs	CD74HCT125MT		S	SOIC	14
M74HCT125RM13TR	ST Microelectronics (STM)	tpd differs	SN74HCT125DR		S	SOIC	14
M74HCT126B1R	ST Microelectronics (STM)		CD74HCT126E		S	PDIP	14
M74HCT126M1R	ST Microelectronics (STM)		CD74HCT126M		S	SOIC	14
M74HCT126RM13TR	ST Microelectronics (STM)		CD74HCT126M96		S	SOIC	14
M74HCT132B1R	ST Microelectronics (STM)		CD74HCT132E		S	PDIP	14
M74HCT132M1R	ST Microelectronics (STM)		CD74HCT132M		S	SOIC	14
M74HCT132RM13TR	ST Microelectronics (STM)		CD74HCT132M96		S	SOIC	14
M74HCT137M1R	ST Microelectronics (STM)		CD74HCT137M96		S	SOP	16
M74HCT137RM13TR	ST Microelectronics (STM)		CD74HCT137M96		S	SOIC	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
M74HCT138B1R	ST Microelectronics (STM)		CD74HCT138E		S	PDIP	16
M74HCT138M1R	ST Microelectronics (STM)		CD74HCT138M		S	SOIC	16
M74HCT138RM13TR	ST Microelectronics (STM)		CD74HCT138M96		S	SOIC	16
M74HCT14B1R	ST Microelectronics (STM)		CD74HCT14E		S	PDIP	14
M74HCT14M1R	ST Microelectronics (STM)		CD74HCT14M		S	SOIC	14
M74HCT14RM13TR	ST Microelectronics (STM)		CD74HCT14M96		S	SOIC	14
M74HCT14TTR	ST Microelectronics (STM)		CD74HCT14PWR		S	TSSOP	14
M74HCT157B1R	ST Microelectronics (STM)		CD74HCT157E		S	PDIP	16
M74HCT157M1R	ST Microelectronics (STM)		CD74HCT157M		S	SOIC	16
M74HCT157RM13TR	ST Microelectronics (STM)		CD74HCT157M96		S	SOIC	16
M74HCT158B1R	ST Microelectronics (STM)		CD74HCT158E		S	PDIP	16
M74HCT161M1R	ST Microelectronics (STM)		CD74HCT161M		S	SOIC	16
M74HCT161RM13TR	ST Microelectronics (STM)		CD74HCT161M96		S	SOIC	16
M74HCT163B1R	ST Microelectronics (STM)		CD74HCT163E		S	PDIP	16
M74HCT163M1R	ST Microelectronics (STM)		CD74HCT163M		S	SOIC	16
M74HCT163RM13TR	ST Microelectronics (STM)		CD74HCT163M96		S	SOIC	16
M74HCT164B1R	ST Microelectronics (STM)		CD74HCT164E		S	PDIP	14
M74HCT164M1R	ST Microelectronics (STM)		CD74HCT164M		S	SOIC	14
M74HCT164RM13TR	ST Microelectronics (STM)		CD74HCT164M		S	SOIC	14
M74HCT164RM13TR	ST Microelectronics (STM)		CD74HCT164M96		S	SOIC	14
M74HCT165B1R	ST Microelectronics (STM)		CD74HCT165E		S	PDIP	16
M74HCT165M1R	ST Microelectronics (STM)		CD74HCT165M		S	SOIC	16
M74HCT165RM13TR	ST Microelectronics (STM)		CD74HCT165M96		S	SOIC	16
M74HCT165RM13TR	ST Microelectronics (STM)	tpd differs	CD74HCT165MT		S	SOIC	16
M74HCT174B1R	ST Microelectronics (STM)		CD74HCT174E		S	PDIP	16
M74HCT174M1R	ST Microelectronics (STM)		CD74HCT174M		S	SOIC	16
M74HCT174M1R	ST Microelectronics (STM)	tpd differs	CD74HCT174M96E4		S	SOIC	16
M74HCT174M1R	ST Microelectronics (STM)	tpd differs	CD74HCT174MT		S	SOIC	16
M74HCT174M1R	ST Microelectronics (STM)	tpd differs	CD74HCT174MTE4		S	SOIC	16
M74HCT174RM13TR	ST Microelectronics (STM)		CD74HCT174M96		S	SOIC	16
M74HCT174RM13TR	ST Microelectronics (STM)	tpd differs	CD74HCT174M96E4		S	SOIC	16
M74HCT174RM13TR	ST Microelectronics (STM)	tpd differs	CD74HCT174MTE4		S	SOIC	16
M74HCT240B1R	ST Microelectronics (STM)		CD74HCT240E		S	PDIP	20
M74HCT240M1R	ST Microelectronics (STM)		CD74HCT240M		S	SOIC	20
M74HCT240M1R	ST Microelectronics (STM)	tpd differs	SN74HCT240DW		S	SOIC	20
M74HCT240RM13TR	ST Microelectronics (STM)		CD74HCT240M96		S	SOIC	20
M74HCT240RM13TR	ST Microelectronics (STM)	tpd differs	SN74HCT240DW		S	SOIC	20
M74HCT240RM13TR	ST Microelectronics (STM)	tpd differs	SN74HCT240DWR		S	SOIC	20
M74HCT240TTR	ST Microelectronics (STM)		CD74HCT240PWT		S	TSSOP	20
M74HCT241B1R	ST Microelectronics (STM)	Obsolete	CD74HCT241E		S	PDIP	20
M74HCT241M1R	ST Microelectronics (STM)	Obsolete	CD74HCT241M		S	SOIC	20
M74HCT241RM13TR	ST Microelectronics (STM)	Obsolete	CD74HCT241M96		S	SOIC	20
M74HCT244B1R	ST Microelectronics (STM)		CD74HCT241E		S	PDIP	20
M74HCT244B1R	ST Microelectronics (STM)		CD74HCT244E		S	PDIP	20
M74HCT244M1R	ST Microelectronics (STM)		CD74HCT244M		S	SOIC	20
M74HCT244RM13TR	ST Microelectronics (STM)		CD74HCT244M96		S	SOIC	20
M74HCT244TTR	ST Microelectronics (STM)		SN74HCT244PWR		S	TSSOP	20
M74HCT245B1R	ST Microelectronics (STM)		CD74HCT245E		S	PDIP	20
M74HCT245M1R	ST Microelectronics (STM)		CD74HCT245M		S	SOIC	20
M74HCT245RM13TR	ST Microelectronics (STM)		CD74HCT245M96		S	SOIC	20
M74HCT257B1R	ST Microelectronics (STM)		CD74HCT257E		S	PDIP	16
M74HCT257M1R	ST Microelectronics (STM)		CD74HCT257M		S	SOIC	16
M74HCT257RM13TR	ST Microelectronics (STM)		CD74HCT257M96		S	SOIC	16
M74HCT258B1R	ST Microelectronics (STM)		CD74HCT258E		S	PDIP	16
M74HCT273B1R	ST Microelectronics (STM)		CD74HCT273E		S	PDIP	20
M74HCT273M1R	ST Microelectronics (STM)		CD74HCT273M		S	SOIC	20
M74HCT273M1R	ST Microelectronics (STM)	tpd differs	CD74HCT273M96E4		S	SOIC	20
M74HCT273M1R	ST Microelectronics (STM)	tpd differs	SN74HCT273DWR		S	SOIC	20
M74HCT273RM13TR	ST Microelectronics (STM)		CD74HCT273M96		S	SOIC	20
M74HCT273RM13TR	ST Microelectronics (STM)	tpd differs	CD74HCT273M96E4		S	SOIC	20
M74HCT27B1R	ST Microelectronics (STM)		CD74HCT27E		S	PDIP	14
M74HCT30B1R	ST Microelectronics (STM)		CD74HCT30E		S	PDIP	14
M74HCT30M1R	ST Microelectronics (STM)		CD74HCT30M		S	SOIC	14
M74HCT30RM13TR	ST Microelectronics (STM)		CD74HCT30M96		S	SOIC	14

M74HCT138B1R — M74HCT30RM13TR

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
M74HCT32B1R	ST Microelectronics (STM)		CD74HCT32E		S	PDIP	14
M74HCT32M1R	ST Microelectronics (STM)		CD74HCT32M		S	SOIC	14
M74HCT32RM13TR	ST Microelectronics (STM)		CD74HCT32M96		S	SOIC	14
M74HCT367B1R	ST Microelectronics (STM)		CD74HCT367E		S	PDIP	16
M74HCT367M1R	ST Microelectronics (STM)		CD74HCT367M		S	SOIC	16
M74HCT367M1R	ST Microelectronics (STM)	tpd differs	CD74HCT367MT		S	SOIC	16
M74HCT367RM13TR	ST Microelectronics (STM)		CD74HCT367M96		S	SOIC	16
M74HCT367RM13TR	ST Microelectronics (STM)	tpd differs	CD74HCT367MT		S	SOIC	16
M74HCT368B1R	ST Microelectronics (STM)		CD74HCT368E		S	PDIP	16
M74HCT368M1R	ST Microelectronics (STM)		CD74HCT368M		S	SOIC	16
M74HCT368M1R	ST Microelectronics (STM)	tpd differs	CD74HCT368MT		S	SOIC	16
M74HCT368RM13TR	ST Microelectronics (STM)		CD74HCT368M96		S	SOIC	16
M74HCT368RM13TR	ST Microelectronics (STM)	tpd differs	CD74HCT368MT		S	SOIC	16
M74HCT373B1R	ST Microelectronics (STM)		CD74HCT373E		S	PDIP	20
M74HCT373B1R	ST Microelectronics (STM)	tpd differs	SN74HCT373N		S	PDIP	20
M74HCT373M1R	ST Microelectronics (STM)		CD74HCT373M		S	SOIC	20
M74HCT373RM13TR	ST Microelectronics (STM)		CD74HCT373M96		S	SOIC	20
M74HCT373TTR	ST Microelectronics (STM)		SN74HCT373PWR		S	TSSOP	20
M74HCT374B1R	ST Microelectronics (STM)		CD74HCT374E		S	PDIP	20
M74HCT374M1R	ST Microelectronics (STM)		CD74HCT374M		S	SOIC	20
M74HCT374M1R	ST Microelectronics (STM)	tpd differs	CD74HCT374M96E4		S	SOIC	20
M74HCT374RM13TR	ST Microelectronics (STM)		CD74HCT374M96		S	SOIC	20
M74HCT374RM13TR	ST Microelectronics (STM)	tpd differs	CD74HCT374M96E4		S	SOIC	20
M74HCT4053B1R	ST Microelectronics (STM)		CD74HCT4053E		S	PDIP	16
M74HCT533B1R	ST Microelectronics (STM)		CD74HCT533E		S	PDIP	20
M74HCT534B1R	ST Microelectronics (STM)		CD74HCT534E		S	PDIP	20
M74HCT540B1R	ST Microelectronics (STM)		CD74HCT540E		S	PDIP	20
M74HCT540B1R	ST Microelectronics (STM)		SN74HCT540N		S	PDIP	20
M74HCT540M1R	ST Microelectronics (STM)		CD74HCT540M		S	SOIC	20
M74HCT540RM13TR	ST Microelectronics (STM)		CD74HCT540M96		S	SOIC	20
M74HCT541B1R	ST Microelectronics (STM)		CD74HCT541E		S	PDIP	20
M74HCT541M1R	ST Microelectronics (STM)		CD74HCT541M		S	SOIC	20
M74HCT541RM13TR	ST Microelectronics (STM)		CD74HCT541M96		S	SOIC	20
M74HCT563B1R	ST Microelectronics (STM)		CD74HCT563E		S	PDIP	20
M74HCT563M1R	ST Microelectronics (STM)		CD74HCT563M		S	SOIC	20
M74HCT563RM13TR	ST Microelectronics (STM)		CD74HCT563M	Not available reeled, use tubed	S	SOIC	20
M74HCT564M1R	ST Microelectronics (STM)		CD74HCT564M		S	SOIC	20
M74HCT564RM13TR	ST Microelectronics (STM)		CD74HCT564M	Not available reeled, use tubed	S	SOIC	20
M74HCT573B1R	ST Microelectronics (STM)		CD74HCT573E		S	PDIP	20
M74HCT573B1R	ST Microelectronics (STM)		SN74HCT573N		S	PDIP	20
M74HCT573M1R	ST Microelectronics (STM)		CD74HCT573M		S	SOIC	20
M74HCT573RM13TR	ST Microelectronics (STM)		CD74HCT573M96		S	SOIC	20
M74HCT573RM13TR	ST Microelectronics (STM)		CD74HCT573M96E4		S	SOP	20
M74HCT573TTR	ST Microelectronics (STM)		SN74HCT573PWR		S	TSSOP	20
M74HCT574B1R	ST Microelectronics (STM)		CD74HCT574E		S	PDIP	20
M74HCT574M1R	ST Microelectronics (STM)		CD74HCT574M		S	SOIC	20
M74HCT574M1R	ST Microelectronics (STM)	tpd differs	CD74HCT574M96E4		S	SOIC	20
M74HCT574M1R	ST Microelectronics (STM)	tpd differs	CD74HCT574QM96EP		S	SOIC	20
M74HCT574RM13TR	ST Microelectronics (STM)		CD74HCT574M96		S	SOIC	20
M74HCT574RM13TR	ST Microelectronics (STM)	tpd differs	CD74HCT574M96E4		S	SOIC	20
M74HCT574RM13TR	ST Microelectronics (STM)	tpd differs	CD74HCT574QM96EP		S	SOIC	20
M74HCT574T	ST Microelectronics (STM)	tpd differs	CD74HCT574QPWREP		S	TSSOP	20
M74HCT574TTR	ST Microelectronics (STM)		CD74HCT574PWR		S	TSSOP	20
M74HCT574TTR	ST Microelectronics (STM)	tpd differs	CD74HCT574QPWREP		S	TSSOP	20
M74HCT640B1R	ST Microelectronics (STM)		CD74HCT640E		S	PDIP	20
M74HCT640M1R	ST Microelectronics (STM)		CD74HCT640M		S	SOIC	20
M74HCT640RM13TR	ST Microelectronics (STM)		CD74HCT640M		S	SOP	20
M74HCT646B1R	ST Microelectronics (STM)		SN74HCT646NT		S	PDIP	24
M74HCT646M1R	ST Microelectronics (STM)		CD74HCT646M96		S	SOIC	24
M74HCT646RM13TR	ST Microelectronics (STM)		CD74HCT646M96		S	SOIC	24
M74HCT652B1R	ST Microelectronics (STM)		SN74HCT652NT		S	PDIP	24
M74HCT652M1R	ST Microelectronics (STM)		CD74HCT652M		S	SOIC	24
M74HCT652RM13TR	ST Microelectronics (STM)		CD74HCT652M96		S	SOIC	24
M74HCT688B1R	ST Microelectronics (STM)		CD74HCT688E		S	PDIP	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
M74HCT688M1R	ST Microelectronics (STM)		CD74HCT688M		S	SOIC	20
M74HCT688RM13TR	ST Microelectronics (STM)		CD74HCT688M96		S	SOIC	20
M74HCT74B1R	ST Microelectronics (STM)		CD74HCT74E		S	PDIP	14
M74HCT74M1R	ST Microelectronics (STM)		CD74HCT74M		S	SOIC	14
M74HCT74M1R	ST Microelectronics (STM)	tpd differs	CD74HCT74M96E4		S	SOIC	14
M74HCT74M1R	ST Microelectronics (STM)	tpd differs	CD74HCT74MT		S	SOIC	14
M74HCT74M1R	ST Microelectronics (STM)	tpd differs	CD74HCT74MTE4		S	SOIC	14
M74HCT74RM13TR	ST Microelectronics (STM)		CD74HCT74M96		S	SOIC	14
M74HCT74RM13TR	ST Microelectronics (STM)	tpd differs	CD74HCT74M96E4		S	SOIC	14
M74HCT74RM13TR	ST Microelectronics (STM)	tpd differs	CD74HCT74MT		S	SOIC	14
M74HCT74RM13TR	ST Microelectronics (STM)	tpd differs	CD74HCT74MTE4		S	SOIC	14
M74HCT75B1R	ST Microelectronics (STM)		CD74HCT75E		S	PDIP	16
M74HCT86B1R	ST Microelectronics (STM)		CD74HCT86E		S	PDIP	14
M74HCT86M1R	ST Microelectronics (STM)		CD74HCT86M		S	SOIC	14
M74HCT86RM13TR	ST Microelectronics (STM)		CD74HCT86M96		S	SOIC	14
M74HCU04B1R	ST Microelectronics (STM)		CD74HCU04E		S	PDIP	14
M74HCU04M1R	ST Microelectronics (STM)		CD74HCU04M		S	SOIC	14
M74HCU04RM13TR	ST Microelectronics (STM)		CD74HCU04M96		S	SOIC	14
M74HCU04TTR	ST Microelectronics (STM)		CD74HCU04PWR		S	TSSOP	14
MAX1044CPA	Maxim	Boost function	LT1054CP	Shutdown, Feedback, no Boost function capability	Q	PDIP	8
MAX1044EPA	Maxim	Boost function	LT1054IP	Shutdown, Feedback, no boost function capability	Q	PDIP	8
MAX1488ECPD	Maxim		SN75C188N	Not IEC61000 ESD compliant	Q	PDIP	14
MAX1488ECSD	Maxim		SN75C188D	Not IEC61000 ESD compliant	Q	SOIC	14
MAX1488ECSD-T	Maxim		SN75C188DR	Not IEC61000 ESD compliant	Q	SOIC	14
MAX1488ECPD	Maxim		SN75C188N	Not IEC61000 ESD compliant	Q	PDIP	14
MAX1488EESD	Maxim		SN75C188D	Not IEC61000 ESD compliant	Q	SOIC	14
MAX1488EESD-T	Maxim		SN75C188DR	Not IEC61000 ESD compliant	Q	SOIC	14
MAX202ECSE+	Maxim	Pb-Free	MAX202CD	Not IEC6000 compliant, E grade planned	S	SOIC	16
MAX202ECSE+T	Maxim	Pb-Free	MAX202CDR	Not IEC6000 compliant, E grade planned	S	SOIC	16
MAX202ECSE-T	Maxim		MAX202CDR	Not IEC61000 ESD compliant, E grade planned	S	SOIC	16
MAX202ECUE	Maxim		MAX202CPW	Not IEC61000 ESD compliant, E grade planned	S	TSSOP	16
MAX202ECUE+	Maxim	Pb-Free	MAX202CPW	Not IEC6000 compliant, E grade planned	S	TSSOP	16
MAX202ECUE+T	Maxim	Pb-Free	MAX202CPWR	Not IEC6000 compliant, E grade planned	S	TSSOP	16
MAX202ECUE-T	Maxim		MAX202CPWR	Not IEC61000 ESD compliant, E grade planned	S	TSSOP	16
MAX202ECWE+	Maxim	Pb-Free	MAX202CDW	Not IEC6000 compliant, E grade planned	S	SOIC	16
MAX202ECWE+T	Maxim	Pb-Free	MAX202CDWR	Not IEC6000 compliant, E grade planned	S	SOIC	16
MAX202ECWE-T	Maxim		MAX202CDWR	Not IEC61000 ESD compliant, E grade planned	S	SOIC	16
MAX202EESE+	Maxim	Pb-Free	MAX202ID	Not IEC6000 compliant, E grade planned	S	SOIC	16
MAX202EESE+T	Maxim	Pb-Free	MAX202IDR	Not IEC6000 compliant, E grade planned	S	SOIC	16
MAX202EESE-T	Maxim		MAX202IDR	Not IEC61000 ESD compliant, E grade planned	S	SOIC	16
MAX202EEUE+	Maxim	Pb-Free	MAX202IPW	Not IEC6000 compliant, E grade planned	S	TSSOP	16
MAX202EEUE+T	Maxim	Pb-Free	MAX202IPWR	Not IEC6000 compliant, E grade planned	S	TSSOP	16
MAX202EEUE-T	Maxim		MAX202IPWR	Not IEC61000 ESD compliant, E grade planned	S	TSSOP	16
MAX202EEWE+	Maxim	Pb-Free	MAX202IDW	Not IEC6000 compliant, E grade planned	S	SOIC	16
MAX202EEWE+T	Maxim	Pb-Free	MAX202IDWR	Not IEC6000 compliant, E grade planned	S	SOIC	16
MAX202EEWE-T	Maxim		MAX202IDWR	Not IEC61000 ESD compliant, E grade planned	S	SOIC	16
MAX207CAG	Maxim		MAX207CDB		S	SSOP	24
MAX207CAG-T	Maxim		MAX207CDBR		S	SSOP	24
MAX207CWG	Maxim		MAX207CDW		S	SOIC	24
MAX207CWG-T	Maxim		MAX207CDWR		S	SOIC	24
MAX207EAG	Maxim		MAX207IDB		S	SSOP	24
MAX207EAG-T	Maxim		MAX207IDBR		S	SSOP	24
MAX207ECAG	Maxim		MAX207CDB	Not IEC61000 ESD compliant, E grade planned	S	SSOP	24
MAX207ECAG-T	Maxim		MAX207CDBR	Not IEC61000 ESD compliant, E grade planned	S	SSOP	24
MAX207ECWG	Maxim		MAX207CDW	Not IEC61000 ESD compliant, E grade planned	S	SOIC	24
MAX207ECWG-T	Maxim		MAX207CDWR	Not IEC61000 ESD compliant, E grade planned	S	SOIC	24
MAX207EEAG	Maxim		MAX207CDB	Not IEC6000 compliant, E grade planned	S	SSOP	24
MAX207EEAG	Maxim		MAX207IDB	Not IEC61000 ESD compliant, E grade planned	S	SSOP	24
MAX207EEAG-T	Maxim		MAX207IDBR	Not IEC61000 ESD compliant, E grade planned	S	SSOP	24
MAX207EEWG	Maxim		MAX207CDW	Not IEC6000 compliant, E grade planned	S	SOIC	24
MAX207EEWG	Maxim		MAX207IDW	Not IEC61000 ESD compliant, E grade planned	S	SOIC	24
MAX207EEWG-T	Maxim		MAX207IDWR	Not IEC61000 ESD compliant, E grade planned	S	SOIC	24

M74HCT688M1R — MAX207EEWG-T

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MAX207EWG	Maxim		MAX207IDW		S	SOIC	24
MAX207EWG-T	Maxim		MAX207IDWR		S	SOIC	24
MAX208CAG	Maxim		MAX208CDB		S	SSOP	24
MAX208CAG-T	Maxim		MAX208CDBR		S	SSOP	24
MAX208CNG	Maxim		MAX208CNT	Planned	S	PDIP	24
MAX208CWG	Maxim		MAX208CDW		S	SOIC	24
MAX208CWG-T	Maxim		MAX208CDWR		S	SOIC	24
MAX208EAG	Maxim		MAX208IDB		S	SSOP	24
MAX208EAG-T	Maxim		MAX208IDBR		S	SSOP	24
MAX208ECAG	Maxim		MAX208CDB	Not IEC61000 ESD compliant, E grade planned	S	SSOP	24
MAX208ECAG-T	Maxim		MAX208CDBR	Not IEC61000 ESD compliant, E grade planned	S	SSOP	24
MAX208ECNG	Maxim		MAX208CNT	Not IEC61000 ESD compliant, E grade planned	S	PDIP	24
MAX208ECWG	Maxim		MAX208CDW	Not IEC61000 ESD compliant, E grade planned	S	SOIC	24
MAX208ECWG-T	Maxim		MAX208CDWR	Not IEC61000 ESD compliant, E grade planned	S	SOIC	24
MAX208EEAG	Maxim		MAX208IDB	Not IEC61000 ESD compliant, E grade planned	S	SSOP	24
MAX208EEAG-T	Maxim		MAX208IDBR	Not IEC61000 ESD compliant, E grade planned	S	SSOP	24
MAX208EEAG	Maxim		MAX208INT	Not IEC61000 ESD compliant, E grade planned	S	PDIP	24
MAX208EEWG	Maxim		MAX208IDW	Not IEC61000 ESD compliant, E grade planned	S	SOIC	24
MAX208EEWG-T	Maxim		MAX208IDWR	Not IEC61000 ESD compliant, E grade planned	S	SOIC	24
MAX208ENG	Maxim		MAX208INT	Planned	S	PDIP	24
MAX208EWG	Maxim		MAX208IDW		S	SOIC	24
MAX208EWG-T	Maxim		MAX208IDWR		S	SOIC	24
MAX211CAI	Maxim		MAX211CDB		S	SSOP	28
MAX211CAI+	Maxim	Pb-Free	MAX211CDB		S	SSOP	28
MAX211CAI+T	Maxim	Pb-Free	MAX211CDBR		S	SSOP	28
MAX211CAI+T	Maxim	Pb-Free	MAX211IDBR		S	SSOP	28
MAX211CAI-T	Maxim		MAX211CDBR		S	SSOP	28
MAX211CAI-T	Maxim		MAX211IDBR		S	SSOP	28
MAX211CWI	Maxim		MAX211CDW		S	SOIC	28
MAX211CWI+	Maxim	Pb-Free	MAX211CDW		S	SOIC	28
MAX211CWI+T	Maxim	Pb-Free	MAX211CDWR		S	SOIC	28
MAX211CWI-T	Maxim		MAX211CDWR		S	SOIC	28
MAX211EAI	Maxim		MAX211IDB		S	SSOP	28
MAX211EAI+	Maxim	Pb-Free	MAX211IDB		S	SSOP	28
MAX211EAI+T	Maxim	Pb-Free	MAX211IDBR		S	SSOP	28
MAX211EAI-T	Maxim		MAX211IDBR		S	SSOP	28
MAX211ECAI	Maxim		MAX211CDB	Not IEC61000 ESD Compliant, E grade planned	S	SSOP	28
MAX211ECAI+	Maxim	Pb-Free	MAX211CDB	Not IEC61000 ESD Compliant, E grade planned	S	SSOP	28
MAX211ECAI+T	Maxim	Pb-Free	MAX211CDBR	Not IEC61000 ESD Compliant, E grade planned	S	SSOP	28
MAX211ECAI-T	Maxim		MAX211CDBR	Not IEC61000 ESD Compliant, E grade planned	S	SSOP	28
MAX211ECWI	Maxim		MAX211CDW	Not IEC61000 ESD Compliant, E grade planned	S	SOIC	28
MAX211ECWI+	Maxim	Pb-Free	MAX211CDW	Not IEC61000 ESD Compliant, E grade planned	S	SOIC	28
MAX211ECWI+T	Maxim	Pb-Free	MAX211CDWR	Not IEC61000 ESD Compliant, E grade planned	S	SOIC	28
MAX211ECWI-T	Maxim		MAX211CDWR	Not IEC61000 ESD Compliant, E grade planned	S	SOIC	28
MAX211EEAI	Maxim		MAX211IDB	Not IEC61000 ESD Compliant, E grade planned	S	SSOP	28
MAX211EEAI+	Maxim	Pb-Free	MAX211IDB	Not IEC61000 ESD Compliant, E grade planned	S	SSOP	28
MAX211EEAI+T	Maxim	Pb-Free	MAX211IDBR	Not IEC61000 ESD Compliant, E grade planned	S	SSOP	28
MAX211EEAI-T	Maxim		MAX211IDBR	Not IEC61000 ESD Compliant, E grade planned	S	SSOP	28
MAX211EEWI	Maxim		MAX211IDW	Not IEC61000 ESD Compliant, E grade planned	S	SOIC	28
MAX211EEWI+	Maxim	Pb-Free	MAX211IDW	Not IEC61000 ESD Compliant, E grade planned	S	SOIC	28

#### Replacement Codes

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MAX211EEWI+T	Maxim	Pb-Free	MAX211IDWR	Not IEC61000 ESD Compliant, E grade planned	S	SOIC	28
MAX211EEWI-T	Maxim		MAX211IDWR	Not IEC61000 ESD Compliant, E grade planned	S	SOIC	28
MAX211EWI	Maxim		MAX211IDW		S	SOIC	28
MAX211EWI+	Maxim	Pb-Free	MAX211IDW		S	SOIC	28
MAX211EWI+T	Maxim	Pb-Free	MAX211IDWR		S	SOIC	28
MAX211EWI-T	Maxim		MAX211IDWR		S	SOIC	28
MAX222CPN	Maxim		MAX222CN		S	PDIP	18
MAX222CWN	Maxim		MAX222CDW		S	SOIC	18
MAX222CWN-T	Maxim		MAX222CDWR		S	SOIC	18
MAX222EPN	Maxim		MAX222IN		S	PDIP	18
MAX222EWN	Maxim		MAX222IDW		S	SOIC	18
MAX222EWN-T	Maxim		MAX222IDWR		S	SOIC	18
MAX232ACPE	Maxim	200 kbps, 0.1uF capacitors	MAX232ECN	120 kpbs, 1.0uF capacitors	Q	PDIP	16
MAX232ACPE+	Maxim	Pb-Free, 200 kbps, 0.1uF capacitors	MAX232ECN	120 kpbs, 1.0uF capacitors	Q	PDIP	16
MAX232ACSE	Maxim	200 kbps	MAX202CD	120 kpbs	Q	SOIC	16
MAX232ACSE	Maxim	200 kb/s, 0.1 uF Capacitors	MAX232ECD	120 kbs, 1.0 uF Capacitors, IEC61000 ESD	Q	SOIC	16
MAX232ACSE+	Maxim	Pb-Free, 200 kbps	MAX202CD	120 kpbs	Q	SOIC	16
MAX232ACSE+	Maxim	200 kb/s, 0.1 uF Capacitors, Pb-Free	MAX232ECD	120 kbs, 1.0 uF Capacitors, IEC61000 ESD	Q	SOIC	16
MAX232ACSE+T	Maxim	Pb-Free, 200 kbps	MAX202CDR	120 kpbs	Q	SOIC	16
MAX232ACSE+T	Maxim	200 kb/s, 0.1 uF Capacitors, Pb-Free	MAX232ECDR	120 kbs, 1.0 uF Capacitors, IEC61000 ESD	Q	SOIC	16
MAX232ACSE-T	Maxim	200 kbps	MAX202CDR	120 kpbs	Q	SOIC	16
MAX232ACSE-T	Maxim	200 kb/s, 0.1 uF Capacitors	MAX232ECDR	120 kbs, 1.0 uF Capacitors, IEC61000 ESD	Q	SOIC	16
MAX232ACWE	Maxim	200 kbps	MAX202CDW	120 kpbs	Q	SOIC	16
MAX232ACWE	Maxim	200 kb/s, 0.1 uF Capacitors	MAX232ECDW	120 kbs, 1.0 uF Capacitors, IEC61000 ESD	Q	SOIC	16
MAX232ACWE+	Maxim	Pb-Free, 200 kbps	MAX202CDW	120 kpbs	Q	SOIC	16
MAX232ACWE+	Maxim	200 kb/s, 0.1 uF Capacitors, Pb-Free	MAX232ECDW	120 kbs, 1.0 uF Capacitors, IEC61000 ESD	Q	SOIC	16
MAX232ACWE+T	Maxim	Pb-Free, 200 kbps	MAX202CDWR	120 kpbs	Q	SOIC	16
MAX232ACWE+T	Maxim	200 kb/s, 0.1 uF Capacitors, Pb-Free	MAX232ECDWR	120 kbs, 1.0 uF Capacitors, IEC61000 ESD	Q	SOIC	16
MAX232ACWE-T	Maxim	200 kbps	MAX202CDWR	120 kpbs	Q	SOIC	16
MAX232ACWE-T	Maxim	200 kb/s, 0.1 uF Capacitors	MAX232ECDWR	120 kbs, 1.0 uF Capacitors, IEC61000 ESD	Q	SOIC	16
MAX232AEPE	Maxim	200 kbps, 0.1uF capacitors	MAX232EIN	120 kpbs, 1.0uF capacitors	Q	PDIP	16
MAX232AEPE+	Maxim	Pb-Free, 200 kbps, 0.1uF capacitors	MAX232EIN	120 kpbs, 1.0uF capacitors	Q	PDIP	16
MAX232AESE	Maxim	200 kbps	MAX202ID	120 kpbs	Q	SOIC	16
MAX232AESE	Maxim	200 kb/s, 0.1 uF Capacitors	MAX232EID	120 kbs, 1.0 uF Capacitors, IEC61000 ESD	Q	SOIC	16
MAX232AESE+	Maxim	Pb-Free, 200 kbps	MAX202ID	120 kpbs	Q	SOIC	16
MAX232AESE+	Maxim	200 kb/s, 0.1 uF Capacitors, Pb-Free	MAX232EID	120 kbs, 1.0 uF Capacitors, IEC61000 ESD	Q	SOIC	16
MAX232AESE+T	Maxim	Pb-Free, 200 kbps	MAX202IDR	120 kpbs	Q	SOIC	16
MAX232AESE+T	Maxim	200 kb/s, 0.1 uF Capacitors, Pb-Free	MAX232EIDR	120 kbs, 1.0 uF Capacitors, IEC61000 ESD	Q	SOIC	16
MAX232AESE-T	Maxim	200 kbps	MAX202IDR	120 kpbs	Q	SOIC	16
MAX232AESE-T	Maxim	200 kb/s, 0.1 uF Capacitors	MAX232EIDR	120 kbs, 1.0 uF Capacitors, IEC61000 ESD	Q	SOIC	16
MAX232AEWE	Maxim	200 kbps	MAX202IDW	120 kpbs	Q	SOIC	16
MAX232AEWE	Maxim	200 kb/s, 0.1 uF Capacitors	MAX232EIDW	120 kbs, 1.0 uF Capacitors, IEC61000 ESD	Q	SOIC	16
MAX232AEWE+	Maxim	Pb-Free, 200 kbps	MAX202IDW	120 kpbs	Q	SOIC	16
MAX232AEWE+	Maxim	200 kb/s, 0.1 uF Capacitors, Pb-Free	MAX232EIDW	120 kbs, 1.0 uF Capacitors, IEC61000 ESD	Q	SOIC	16
MAX232AEWE+T	Maxim	Pb-Free, 200 kbps	MAX202IDWR	120 kpbs	Q	SOIC	16
MAX232AEWE+T	Maxim	200 kb/s, 0.1 uF Capacitors, Pb-Free	MAX232EIDWR	120 kbs, 1.0 uF Capacitors, IEC61000 ESD	Q	SOIC	16
MAX232AEWE-T	Maxim	200 kbps	MAX202IDWR	120 kpbs	Q	SOIC	16
MAX232AEWE-T	Maxim	200 kb/s, 0.1 uF Capacitors	MAX232EIDWR	120 kbs, 1.0 uF Capacitors, IEC61000 ESD	Q	SOIC	16
MAX232CPE	Maxim		MAX232ECN		S	PDIP	16
MAX232CPE+	Maxim	Pb-Free, Not IEC61000 ESD compliant	MAX232ECN	IEC61000 ESD compliant	S	PDIP	16
MAX232CSE	Maxim	Not IEC61000 ESD compliant	MAX232ECD	IEC61000 ESD compliant	S	SOIC	16
MAX232CSE+	Maxim	Pb-Free, Not IEC61000 ESD compliant	MAX232ECD	IEC61000 ESD compliant	S	SOIC	16
MAX232CSE+T	Maxim	Pb-Free, Not IEC61000 ESD compliant	MAX232ECDR	IEC61000 ESD compliant	S	SOIC	16
MAX232CSE-T	Maxim	Not IEC61000 ESD compliant	MAX232ECDR	IEC61000 ESD compliant	S	SOIC	16
MAX232CWE	Maxim	Not IEC61000 ESD compliant	MAX232ECDW	IEC61000 ESD compliant	S	SOIC	16
MAX232CWE+	Maxim	Pb-Free, Not IEC61000 ESD compliant	MAX232ECDW	IEC61000 ESD compliant	S	SOIC	16
MAX232CWE+T	Maxim	Pb-Free, Not IEC61000 ESD compliant	MAX232ECDWR	IEC61000 ESD compliant	S	SOIC	16
MAX232CWE-T	Maxim	Not IEC61000 ESD compliant	MAX232ECDWR	IEC61000 ESD compliant	S	SOIC	16
MAX232ECPE	Maxim		MAX232ECN		S	PDIP	16
MAX232ECPE+	Maxim	Pb-Free	MAX232ECN		S	PDIP	16
MAX232ECSE	Maxim		MAX232ECD		S	SOIC	16
MAX232ECSE+	Maxim	Pb-Free	MAX232ECD		S	SOIC	16

MAX211EEWI+T — MAX232ECSE+

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MAX232ECSE+T	Maxim	Pb-Free	MAX232ECDR		S	SOIC	16
MAX232ECSE-T	Maxim		MAX232ECDR		S	SOIC	16
MAX232ECWE	Maxim		MAX232CDW		S	SOIC	16
MAX232ECWE+	Maxim	Pb-Free	MAX232CDW		S	SOIC	16
MAX232ECWE+T	Maxim	Pb-Free	MAX232CDWR		S	SOIC	16
MAX232ECWE-T	Maxim		MAX232CDWR		S	SOIC	16
MAX232EEPE	Maxim		MAX232EIN		S	PDIP	16
MAX232EEPE+	Maxim	Pb-Free	MAX232EIN		S	PDIP	16
MAX232EESE	Maxim		MAX232EID		S	SOIC	16
MAX232EESE+	Maxim	Pb-Free	MAX232EID		S	SOIC	16
MAX232EESE+T	Maxim	Pb-Free	MAX232EIDR		S	SOIC	16
MAX232EESE-T	Maxim		MAX232EIDR		S	SOIC	16
MAX232EEWE	Maxim		MAX232EIDW		S	SOIC	16
MAX232EEWE+	Maxim	Pb-Free	MAX232EIDW		S	SOIC	16
MAX232EEWE+T	Maxim	Pb-Free	MAX232EIDWR		S	SOIC	16
MAX232EEWE-T	Maxim		MAX232EIDWR		S	SOIC	16
MAX232EPE	Maxim	Not IEC61000 ESD compliant	MAX232EIN	IEC61000 ESD compliant	S	PDIP	16
MAX232EPE	Maxim		MAX232EIN		S	PDIP	16
MAX232EPE+	Maxim	Pb-Free, Not IEC61000 ESD compliant	MAX232EIN	IEC61000 ESD compliant	S	PDIP	16
MAX232EPE+	Maxim	Pb-Free	MAX232EIN		S	PDIP	16
MAX232ESE	Maxim	Not IEC61000 ESD compliant	MAX232EID	IEC61000 ESD compliant	S	SOIC	16
MAX232ESE	Maxim		MAX232EID		S	SOIC	16
MAX232ESE+	Maxim	Pb-Free, Not IEC61000 ESD compliant	MAX232EID	IEC61000 ESD compliant	S	SOIC	16
MAX232ESE+	Maxim	Pb-Free	MAX232EID		S	SOIC	16
MAX232ESE+T	Maxim	Pb-Free, Not IEC61000 ESD compliant	MAX232EIDR	IEC61000 ESD compliant	S	SOIC	16
MAX232ESE+T	Maxim	Pb-Free	MAX232EIDR		S	SOIC	16
MAX232ESE-T	Maxim	Not IEC61000 ESD compliant	MAX232EIDR	IEC61000 ESD compliant	S	SOIC	16
MAX232ESE-T	Maxim		MAX232EIDR		S	SOIC	16
MAX232EWE	Maxim	Not IEC61000 ESD compliant	MAX232EIDW	IEC61000 ESD compliant	S	SOIC	16
MAX232EWE	Maxim		MAX232EIDW		S	SOIC	16
MAX232EWE+	Maxim	Pb-Free, Not IEC61000 ESD compliant	MAX232EIDW	IEC61000 ESD compliant	S	SOIC	16
MAX232EWE+	Maxim	Pb-Free	MAX232EIDW		S	SOIC	16
MAX232EWE+T	Maxim	Pb-Free, Not IEC61000 ESD compliant	MAX232EIDWR	IEC61000 ESD compliant	S	SOIC	16
MAX232EWE+T	Maxim	Pb-Free	MAX232EIDWR		S	SOIC	16
MAX232EWE-T	Maxim	Not IEC61000 ESD compliant	MAX232EIDWR	IEC61000 ESD compliant	S	SOIC	16
MAX232EWE-T	Maxim		MAX232EIDWR		S	SOIC	16
MAX241CWI	Maxim		SN75LBC241DW		S	SOIC	28
MAX241CWI-T	Maxim		SN75LBC241DWR		S	SOIC	28
MAX241ECWI	Maxim		SN75LBC241DW	Not IEC61000 ESD compliant	S	SOIC	28
MAX241ECWI-T	Maxim		SN75LBC241DWR	Not IEC61000 ESD compliant	S	SOIC	28
MAX241EWI	Maxim	Meets IEC 61000-4-2 ESD	SN75LBC241DW	Not IEC61000 ESD compliant	S	SOIC	28
MAX241EWI-T	Maxim	Meets IEC 61000-4-2 ESD	SN75LBC241DWR	Not IEC61000 ESD compliant	S	SOIC	28
MAX241EWI	Maxim		SN75LBC241DW		S	SOIC	28
MAX241EWI-T	Maxim		SN75LBC241DWR		S	SOIC	28
MAX3041CSE	Maxim		AM26LS31CD		Q	SOIC	16
MAX3041CSE-T	Maxim		AM26LS31CDR		Q	SOIC	16
MAX3221CAE	Maxim	Lower data rate	MAX3221ECDB		S	SSOP	16
MAX3221CAE+	Maxim	Lower data rate, Pb-Free	MAX3221ECDB		S	SSOP	16
MAX3221CAE+T	Maxim	Lower data rate, Pb-Free	MAX3221ECDBR		S	SSOP	16
MAX3221CAE-T	Maxim	Lower data rate	MAX3221ECDBR		S	SSOP	16
MAX3221CUE	Maxim	Lower data rate	MAX3221ECPW		S	TSSOP	16
MAX3221CUE+	Maxim	Lower data rate, Pb-Free	MAX3221ECPW		S	TSSOP	16
MAX3221CUE+T	Maxim	Lower data rate, Pb-Free	MAX3221ECPWR		S	TSSOP	16
MAX3221CUE-T	Maxim	Lower data rate	MAX3221ECPWR		S	TSSOP	16
MAX3221EAE	Maxim	Lower data rate	MAX3221EIDB		S	SSOP	16
MAX3221EAE+	Maxim	Lower data rate, Pb-Free	MAX3221EIDB		S	SSOP	16
MAX3221EAE+T	Maxim	Lower data rate, Pb-Free	MAX3221EIDBR		S	SSOP	16
MAX3221EAE-T	Maxim	Lower data rate	MAX3221EIDBR		S	SSOP	16
MAX3221ECAE	Maxim	Lower data rate	MAX3221ECDB	Higher data rate	S	SSOP	16
MAX3221ECAE+	Maxim	Lower data rate, Pb-Free	MAX3221ECDB	Higher data rate	S	SSOP	16
MAX3221ECAE+T	Maxim	Lower data rate, Pb-Free	MAX3221ECDBR	Higher data rate	S	SSOP	16
MAX3221ECAE-T	Maxim	Lower data rate	MAX3221ECDBR	Higher data rate	S	SSOP	16
MAX3221ECUE	Maxim	Lower data rate	MAX3221ECPW	Higher data rate	S	TSSOP	16
MAX3221ECUE+	Maxim	Lower data rate, Pb-Free	MAX3221ECPW	Higher data rate	S	TSSOP	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MAX3221ECUE+T	Maxim	Lower data rate, Pb-Free	MAX3221ECPWR	Higher data rate	S	TSSOP	16
MAX3221ECUE-T	Maxim	Lower data rate	MAX3221ECPWR	Higher data rate	S	TSSOP	16
MAX3221EEAE	Maxim	Lower data rate	MAX3221EIDB	Higher data rate	S	SSOP	16
MAX3221EEAE+	Maxim	Lower data rate, Pb-Free	MAX3221EIDB	Higher data rate	S	SSOP	16
MAX3221EEAE+T	Maxim	Lower data rate, Pb-Free	MAX3221EIDBR	Higher data rate	S	SSOP	16
MAX3221EEAE-T	Maxim	Lower data rate	MAX3221EIDBR	Higher data rate	S	SSOP	16
MAX3221EEUE	Maxim	Lower data rate	MAX3221EIPW	Higher data rate	S	TSSOP	16
MAX3221EEUE+	Maxim	Lower data rate, Pb-Free	MAX3221EIPW	Higher data rate	S	TSSOP	16
MAX3221EEUE+T	Maxim	Lower data rate, Pb-Free	MAX3221EIPWR	Higher data rate	S	TSSOP	16
MAX3221EEUE-T	Maxim	Lower data rate	MAX3221EIPWR	Higher data rate	S	TSSOP	16
MAX3221EUE	Maxim	Lower data rate	MAX3221EIPW		S	TSSOP	16
MAX3221EUE+	Maxim	Lower data rate, Pb-Free	MAX3221EIPW		S	TSSOP	16
MAX3221EUE+T	Maxim	Lower data rate, Pb-Free	MAX3221EIPWR		S	TSSOP	16
MAX3221EUE-T	Maxim	Lower data rate, Pb-Free	MAX3221EIPWR		S	TSSOP	16
MAX3222CAP	Maxim	120 kbps	MAX3222ECDB	250 kbps, IEC61000 ESD compliant	S	SSOP	20
MAX3222CAP+	Maxim	Pb-Free, 120 kbps	MAX3222ECDB	250 kbps, IEC61000 ESD compliant	S	SSOP	20
MAX3222CAP+T	Maxim	Pb-Free, 120 kbps	MAX3222ECDBR	250 kbps, IEC61000 ESD compliant	S	SSOP	20
MAX3222CAP-T	Maxim	120 kbps	MAX3222ECDBR	250 kbps, IEC61000 ESD compliant	S	SSOP	20
MAX3222CUP	Maxim	120 kbps	MAX3222ECPW	250 kbps, IEC61000 ESD compliant	S	TSSOP	20
MAX3222CUP+	Maxim	Pb-Free, 120 kbps	MAX3222ECPW	250 kbps, IEC61000 ESD compliant	S	TSSOP	20
MAX3222CUP+T	Maxim	Pb-Free, 120 kbps	MAX3222ECPWR	250 kbps, IEC61000 ESD compliant	S	TSSOP	20
MAX3222CUP-T	Maxim	120 kbps	MAX3222ECPWR	250 kbps, IEC61000 ESD compliant	S	TSSOP	20
MAX3222CWN	Maxim	120 kbps	MAX3222ECDW	250 kbps, IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
MAX3222CWN+	Maxim	Pb-Free, 120 kbps	MAX3222ECDW	250 kbps, IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
MAX3222CWN+T	Maxim	Pb-Free, 120 kbps	MAX3222ECDWR	250 kbps, IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
MAX3222CWN-T	Maxim	120 kbps	MAX3222ECDWR	250 kbps, IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
MAX3222EAP	Maxim	120 kbps	MAX3222EIDB	250 kbps, IEC61000 ESD compliant	S	SSOP	20
MAX3222EAP+	Maxim	Pb-Free, 120 kbps	MAX3222EIDB	250 kbps, IEC61000 ESD compliant	S	SSOP	20
MAX3222EAP+T	Maxim	Pb-Free, 120 kbps	MAX3222EIDBR	250 kbps, IEC61000 ESD compliant	S	SSOP	20
MAX3222EAP-T	Maxim	120 kbps	MAX3222EIDBR	250 kbps, IEC61000 ESD compliant	S	SSOP	20
MAX3222ECAP	Maxim	120 kbps	MAX3222ECDB	250 kbps	S	SSOP	20
MAX3222ECAP+	Maxim	Pb-Free, 120 kbps	MAX3222ECDB	250 kbps	S	SSOP	20
MAX3222ECAP+T	Maxim	Pb-Free, 120 kbps	MAX3222ECDBR	250 kbps	S	SSOP	20
MAX3222ECAP-T	Maxim	120 kbps	MAX3222ECDBR	250 kbps	S	SSOP	20
MAX3222ECUP	Maxim	120 kbps	MAX3222ECPW	250 kbps	S	TSSOP	20
MAX3222ECUP+	Maxim	Pb-Free, 120 kbps	MAX3222ECPW	250 kbps	S	TSSOP	20
MAX3222ECUP+T	Maxim	Pb-Free, 120 kbps	MAX3222ECPWR	250 kbps	S	TSSOP	20
MAX3222ECUP-T	Maxim	120 kbps	MAX3222ECPWR	250 kbps	S	TSSOP	20
MAX3222ECWN	Maxim	120 kbps	MAX3222ECDW	250 kbps, 20 pin not 18 pin package	P	SOIC	18
MAX3222ECWN+	Maxim	Pb-Free, 120 kbps	MAX3222ECDW	250 kbps, 20 pin not 18 pin package	P	SOIC	18
MAX3222ECWN+T	Maxim	Pb-Free, 120 kbps	MAX3222ECDWR	250 kbps, 20 pin not 18 pin package	P	SOIC	18
MAX3222ECWN-T	Maxim	120 kbps	MAX3222ECDWR	250 kbps, 20 pin not 18 pin package	P	SOIC	18
MAX3222EEAP	Maxim	120 kbps	MAX3222EIDB	250 kbps	S	SSOP	20
MAX3222EEAP+	Maxim	Pb-Free, 120 kbps	MAX3222EIDB	250 kbps	S	SSOP	20
MAX3222EEAP+T	Maxim	Pb-Free, 120 kbps	MAX3222EIDBR	250 kbps	S	SSOP	20
MAX3222EEAP-T	Maxim	120 kbps	MAX3222EIDBR	250 kbps	S	SSOP	20
MAX3222EEUP	Maxim	120 kbps	MAX3222EIPW	250 kbps	S	TSSOP	20
MAX3222EEUP+	Maxim	Pb-Free, 120 kbps	MAX3222EIPW	250 kbps	S	TSSOP	20
MAX3222EEUP+T	Maxim	Pb-Free, 120 kbps	MAX3222EIPWR	250 kbps	S	TSSOP	20
MAX3222EEUP-T	Maxim	120 kbps	MAX3222EIPWR	250 kbps	S	TSSOP	20
MAX3222EEWN	Maxim	120 kbps	MAX3222EIDW	250 kbps, 20 pin not 18 pin package	P	SOIC	18
MAX3222EEWN+	Maxim	Pb-Free, 120 kbps	MAX3222EIDW	250 kbps, 20 pin not 18 pin package	P	SOIC	18
MAX3222EEWN+T	Maxim	Pb-Free, 120 kbps	MAX3222EIDWR	250 kbps, 20 pin not 18 pin package	P	SOIC	18
MAX3222EEWN-T	Maxim	Lower data rate	MAX3222EIDWR	250 kbps, 20 pin not 18 pin package	P	SOIC	18
MAX3222EUP	Maxim	120 kbps	MAX3222EIPW	250 kbps, IEC61000 ESD compliant	S	TSSOP	20
MAX3222EUP+	Maxim	Pb-Free, 120 kbps	MAX3222EIPW	250 kbps, IEC61000 ESD compliant	S	TSSOP	20
MAX3222EUP+T	Maxim	Pb-Free, 120 kbps	MAX3222EIPWR	250 kbps, IEC61000 ESD compliant	S	TSSOP	20
MAX3222EUP-T	Maxim	120 kbps	MAX3222EIPWR	250 kbps, IEC61000 ESD compliant	S	TSSOP	20
MAX3222EWN	Maxim	120 kbps	MAX3222EIDW	250 kbps, IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18

MAX3221ECUE+T — MAX3222EWN

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MAX3222EWN+	Maxim	Pb-Free, 120 kbps	MAX3222EIDW	250 kbps, IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
MAX3222EWN+T	Maxim	Pb-Free, 120 kbps	MAX3222EIDWR	250 kbps, IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
MAX3222EWN-T	Maxim	120 kbps	MAX3222EIDWR	250 kbps, IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
MAX3223CAP	Maxim	Not IEC 61000 ESD compliant	MAX3223ECDB	IEC61000 ESD compliant	S	SSOP	20
MAX3223CAP+	Maxim	Pb-Free, Not IEC 61000 ESD compliant	MAX3223ECDB	IEC61000 ESD compliant	S	SSOP	20
MAX3223CAP+T	Maxim	Pb-Free, Not IEC 61000 ESD compliant	MAX3223ECDBR	IEC61000 ESD compliant	S	SSOP	20
MAX3223CAP-T	Maxim	Not IEC 61000 ESD compliant	MAX3223ECDBR	IEC61000 ESD compliant	S	SSOP	20
MAX3223CUP	Maxim	Not IEC 61000 ESD compliant	MAX3223ECPW	IEC61000 ESD compliant	S	TSSOP	20
MAX3223CUP+	Maxim	Pb-Free, Not IEC 61000 ESD compliant	MAX3223ECPW	IEC61000 ESD compliant	S	TSSOP	20
MAX3223CUP+T	Maxim	Pb-Free, Not IEC 61000 ESD compliant	MAX3223ECPWR	IEC61000 ESD compliant	S	TSSOP	20
MAX3223CUP-T	Maxim	Not IEC 61000 ESD compliant	MAX3223ECPWR	IEC61000 ESD compliant	S	TSSOP	20
MAX3223EAP	Maxim	Not IEC 61000 ESD compliant	MAX3223EIDB	IEC61000 ESD compliant	S	SSOP	20
MAX3223EAP+	Maxim	Pb-Free, Not IEC 61000 ESD compliant	MAX3223EIDB	IEC61000 ESD compliant	S	SSOP	20
MAX3223EAP+T	Maxim	Pb-Free, Not IEC 61000 ESD compliant	MAX3223EIDBR	IEC61000 ESD compliant	S	SSOP	20
MAX3223EAP-T	Maxim	Not IEC 61000 ESD compliant	MAX3223EIDBR	IEC61000 ESD compliant	S	SSOP	20
MAX3223ECAP	Maxim	Lower data rate	MAX3223ECDB	Higher data rate	S	SSOP	20
MAX3223ECAP+	Maxim	Pb-Free, Lower data rate	MAX3223ECDB	Higher data rate	S	SSOP	20
MAX3223ECAP+T	Maxim	Pb-Free, Lower data rate	MAX3223ECDBR	Higher data rate	S	SSOP	20
MAX3223ECAP-T	Maxim	Lower data rate	MAX3223ECDBR	Higher data rate	S	SSOP	20
MAX3223ECUP	Maxim	Lower data rate	MAX3223ECPW	Higher data rate	S	TSSOP	20
MAX3223ECUP+	Maxim	Pb-Free, Lower data rate	MAX3223ECPW	Higher data rate	S	TSSOP	20
MAX3223ECUP+T	Maxim	Pb-Free, Lower data rate	MAX3223ECPWR	Higher data rate	S	TSSOP	20
MAX3223ECUP-T	Maxim	Lower data rate	MAX3223ECPWR	Higher data rate	S	TSSOP	20
MAX3223EEAP	Maxim	Lower data rate	MAX3223EIDB	Higher data rate	S	SSOP	20
MAX3223EEAP+	Maxim	Pb-Free, Lower data rate	MAX3223EIDB	Higher data rate	S	SSOP	20
MAX3223EEAP+T	Maxim	Pb-Free, Lower data rate	MAX3223EIDBR	Higher data rate	S	SSOP	20
MAX3223EEAP-T	Maxim	Lower data rate	MAX3223EIDBR	Higher data rate	S	SSOP	20
MAX3223EEUP	Maxim	Lower data rate	MAX3223EIPW	Higher data rate	S	TSSOP	20
MAX3223EEUP+	Maxim	Pb-Free, Lower data rate	MAX3223EIPW	Higher data rate	S	TSSOP	20
MAX3223EEUP+T	Maxim	Pb-Free, Lower data rate	MAX3223EIPWR	Higher data rate	S	TSSOP	20
MAX3223EEUP-T	Maxim	Lower data rate	MAX3223EIPWR	Higher data rate	S	TSSOP	20
MAX3223EUP	Maxim	Not IEC 61000 ESD compliant	MAX3223EIPW	IEC61000 ESD compliant	S	TSSOP	20
MAX3223EUP+	Maxim	Pb-Free, Not IEC 61000 ESD compliant	MAX3223EIPW	IEC61000 ESD compliant	S	TSSOP	20
MAX3223EUP+T	Maxim	Pb-Free, Not IEC 61000 ESD compliant	MAX3223EIPWR	IEC61000 ESD compliant	S	TSSOP	20
MAX3223EUP-T	Maxim	Not IEC 61000 ESD compliant	MAX3223EIPWR	IEC61000 ESD compliant	S	TSSOP	20
MAX3224CAP	Maxim	Not IEC61000 compliant, 250Kbps, AutoShutdown Plus	SN75C3223EDB	IEC61000 ESD compliant, 1Mbps	S	SSOP	20
MAX3224CAP+	Maxim	Pb-Free, Not IEC61000 compliant, 250Kbps, AutoShutdown Plus	SN75C3223EDB	IEC61000 ESD compliant, 1Mbps, Auto-powerdown (not plus)	S	SSOP	20
MAX3224CAP+T	Maxim	Pb-Free, Not IEC61000 compliant, 250Kbps, AutoShutdown Plus	SN75C3223EDBR	IEC61000 ESD compliant, 1Mbps, Auto-powerdown (not plus)	S	SSOP	20
MAX3224CAP-T	Maxim	Not IEC61000 compliant, 250Kbps, AutoShutdown Plus	SN75C3223EDBR	IEC61000 ESD compliant, 1Mbps, Auto-powerdown (not plus)	S	SSOP	20
MAX3224CUP	Maxim	Not IEC61000 compliant, 250Kbps, AutoShutdown Plus	SN75C3223EPW	IEC61000 ESD compliant, 1Mbps, Auto-powerdown (not plus)	S	TSSOP	20
MAX3224CUP+	Maxim	Pb-Free, Not IEC61000 compliant, 250Kbps, AutoShutdown Plus	SN75C3223EPW	IEC61000 ESD compliant, 1Mbps, Auto-powerdown (not plus)	S	TSSOP	20
MAX3224CUP+T	Maxim	Pb-Free, Not IEC61000 compliant, 250Kbps, AutoShutdown Plus	SN75C3223EPWR	IEC61000 ESD compliant, 1Mbps, Auto-powerdown (not plus)	S	TSSOP	20
MAX3224CUP-T	Maxim	Not IEC61000 compliant, 250Kbps, AutoShutdown Plus	SN75C3223EPWR	IEC61000 ESD compliant, 1Mbps, Auto-powerdown (not plus)	S	TSSOP	20
MAX3224EAAP	Maxim	250 Kbps, AutoShutdown Plus, Automotive temp range	SN65C3223EDB	1Mbps, Auto-powerdown (not plus), Temp range differs	S	SSOP	20
MAX3224EAAP+	Maxim	Pb-Free, 250 Kbps, AutoShutdown Plus, Automotive temp range	SN65C3223EDB	1Mbps, Auto-powerdown (not plus), Temp range differs	S	SSOP	20
MAX3224EAAP+T	Maxim	250 Kbps, AutoShutdown Plus, Automotive temp range	SN65C3223EDBR	1Mbps, Auto-powerdown (not plus), Temp range differs	S	SSOP	20
MAX3224EAAP-T	Maxim	250 Kbps, AutoShutdown Plus, Automotive temp range	SN65C3223EDBR	1Mbps, Auto-powerdown (not plus), Temp range differs	S	SSOP	20
MAX3224EAP	Maxim	Not IEC61000 compliant, 250Kbps, AutoShutdown Plus	SN65C3223EDB	IEC61000 ESD compliant, 1Mbps, Auto-powerdown (not plus)	S	SSOP	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MAX3224EAP+	Maxim	Pb-Free, Not IEC61000 compliant, 250Kbps, AutoShutdown Plus	SN65C3223EDB	IEC61000 ESD compliant, 1Mbps, Auto-powerdown (not plus)	S	SSOP	20
MAX3224EAP+T	Maxim	Pb-Free, Not IEC61000 compliant, 250Kbps, AutoShutdown Plus	SN65C3223EDBR	IEC61000 ESD compliant, 1Mbps, Auto-powerdown (not plus)	S	SSOP	20
MAX3224EAP-T	Maxim	Not IEC61000 compliant, 250Kbps, AutoShutdown Plus	SN65C3223EDBR	IEC61000 ESD compliant, 1Mbps, Auto-powerdown (not plus)	S	SSOP	20
MAX3224ECAP	Maxim	250 Kbps, AutoShutdown Plus	SN75C3223EDB	1Mbps, Auto-powerdown (not plus)	S	SSOP	20
MAX3224ECAP+	Maxim	Pb-Free, 250 Kbps, AutoShutdown Plus	SN75C3223EDB	1Mbps, Auto-powerdown (not plus)	S	SSOP	20
MAX3224ECAP+T	Maxim	250 Kbps, AutoShutdown Plus	SN75C3223EDBR	1Mbps, Auto-powerdown (not plus)	S	SSOP	20
MAX3224ECAP-T	Maxim	250 Kbps, AutoShutdown Plus	SN75C3223EDBR	1Mbps, Auto-powerdown (not plus)	S	SSOP	20
MAX3224ECUP	Maxim	250 Kbps, AutoShutdown Plus	SN75C3223EPW	IEC61000 ESD compliant, Auto-powerdown (not plus)	S	TSSOP	20
MAX3224ECUP+	Maxim	Pb-Free, 250 Kbps, AutoShutdown Plus	SN75C3223EPW	IEC61000 ESD compliant, Auto-powerdown (not plus)	S	TSSOP	20
MAX3224ECUP+T	Maxim	250 Kbps, AutoShutdown Plus	SN75C3223EPWR	IEC61000 ESD compliant, Auto-powerdown (not plus)	S	TSSOP	20
MAX3224ECUP-T	Maxim	250 Kbps, AutoShutdown Plus	SN75C3223EPWR	IEC61000 ESD compliant, Auto-powerdown (not plus)	S	TSSOP	20
MAX3224EEAP	Maxim	250 Kbps, AutoShutdown Plus	SN65C3223EDB	1Mbps, Auto-powerdown (not plus)	S	SSOP	20
MAX3224EEAP+	Maxim	Pb-Free, 250 Kbps, AutoShutdown Plus	SN65C3223EDB	1Mbps, Auto-powerdown (not plus)	S	SSOP	20
MAX3224EEAP+T	Maxim	250 Kbps, AutoShutdown Plus	SN65C3223EDBR	1Mbps, Auto-powerdown (not plus)	S	SSOP	20
MAX3224EEAP-T	Maxim	250 Kbps, AutoShutdown Plus	SN65C3223EDBR	1Mbps, Auto-powerdown (not plus)	S	SSOP	20
MAX3224EEUP	Maxim	250 Kbps, AutoShutdown Plus	SN65C3223EPW	IEC61000 ESD compliant, Auto-powerdown (not plus)	S	TSSOP	20
MAX3224EEUP+	Maxim	Pb-Free, 250 Kbps, AutoShutdown Plus	SN65C3223EPW	IEC61000 ESD compliant, Auto-powerdown (not plus)	S	TSSOP	20
MAX3224EEUP+T	Maxim	250 Kbps, AutoShutdown Plus	SN65C3223EPWR	IEC61000 ESD compliant, Auto-powerdown (not plus)	S	TSSOP	20
MAX3224EEUP-T	Maxim	250 Kbps, AutoShutdown Plus	SN65C3223EPWR	IEC61000 ESD compliant, Auto-powerdown (not plus)	S	TSSOP	20
MAX3224EUP	Maxim	Not IEC61000 compliant, 250Kbps, AutoShutdown Plus	SN65C3223EPW	IEC61000 ESD compliant, 1Mbps, Auto-powerdown (not plus)	S	TSSOP	20
MAX3224EUP+	Maxim	Pb-Free, Not IEC61000 compliant, 250Kbps, AutoShutdown Plus	SN65C3223EPW	IEC61000 ESD compliant, 1Mbps, Auto-powerdown (not plus)	S	TSSOP	20
MAX3224EUP+T	Maxim	Pb-Free, Not IEC61000 compliant, 250Kbps, AutoShutdown Plus	SN65C3223EPWR	IEC61000 ESD compliant, 1Mbps, Auto-powerdown (not plus)	S	TSSOP	20
MAX3224EUP-T	Maxim	Not IEC61000 compliant, 250Kbps, AutoShutdown Plus	SN65C3223EPWR	IEC61000 ESD compliant, 1Mbps, Auto-powerdown (not plus)	S	TSSOP	20
MAX3225CAP	Maxim		SN75C3223DBR		Q	SSOP	20
MAX3225CAP	Maxim	Not IEC61000 compliant, AutoShutdown Plus	SN75C3223EDB	IEC61000 ESD compliant, Auto-powerdown (not plus)	S	SSOP	20
MAX3225CAP+	Maxim	Pb-Free, Not IEC61000 compliant, AutoShutdown Plus	SN75C3223EDB	IEC61000 ESD compliant, Auto-powerdown (not plus)	S	SSOP	20
MAX3225CAP+T	Maxim	Pb-Free, Not IEC61000 compliant, AutoShutdown Plus	SN75C3223EDBR	IEC61000 ESD compliant, Auto-powerdown (not plus)	S	SSOP	20
MAX3225CAP-T	Maxim		SN75C3223DBR		Q	SSOP	20
MAX3225CAP-T	Maxim	Not IEC61000 compliant, AutoShutdown Plus	SN75C3223EDBR	IEC61000 ESD compliant, Auto-powerdown (not plus)	S	SSOP	20
MAX3225CUP	Maxim	Not IEC61000 compliant, AutoShutdown Plus	SN75C3223EPW	IEC61000 ESD compliant, Auto-powerdown (not plus)	S	TSSOP	20
MAX3225CUP+	Maxim	Pb-Free, Not IEC61000 compliant, AutoShutdown Plus	SN75C3223EPW	IEC61000 ESD compliant, Auto-powerdown (not plus)	S	TSSOP	20
MAX3225CUP+T	Maxim	Pb-Free, Not IEC61000 compliant, AutoShutdown Plus	SN75C3223EPWR	IEC61000 ESD compliant, Auto-powerdown (not plus)	S	TSSOP	20
MAX3225CUP-T	Maxim	Not IEC61000 compliant, AutoShutdown Plus	SN75C3223EPWR	IEC61000 ESD compliant, Auto-powerdown (not plus)	S	TSSOP	20
MAX3225EAAP	Maxim	AutoShutdown Plus	SN65C3223EDB	Auto-powerdown (not plus), Temp range differs	S	SSOP	20
MAX3225EAAP+	Maxim	Pb-Free, AutoShutdown Plus	SN65C3223EDB	Auto-powerdown (not plus), Temp range differs	S	SSOP	20
MAX3225EAAP+T	Maxim	Pb-Free, AutoShutdown Plus	SN65C3223EDBR	Auto-powerdown (not plus), Temp range differs	S	SSOP	20
MAX3225EAAP-T	Maxim	AutoShutdown Plus	SN65C3223EDBR	Auto-powerdown (not plus), Temp range differs	S	SSOP	20
MAX3225EAP	Maxim	Not IEC61000 compliant, AutoShutdown Plus	SN65C3223EDB	IEC61000 ESD compliant, Auto-powerdown (not plus)	S	SSOP	20
MAX3225EAP+	Maxim	Pb-Free, Not IEC61000 compliant, AutoShutdown Plus	SN65C3223EDB	IEC61000 ESD compliant, Auto-powerdown (not plus)	S	SSOP	20

MAX3224EAP+ — MAX3225EAP+

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MAX3225EAP+T	Maxim	Pb-Free, Not IEC61000 compliant, AutoShutdown Plus	SN65C3223EDBR	IEC61000 ESD compliant, Auto-powerdown (not plus)	S	SSOP	20
MAX3225EAP-T	Maxim	Not IEC61000 compliant, AutoShutdown Plus	SN65C3223EDB	IEC61000 ESD compliant, Auto-powerdown (not plus)	S	SSOP	20
MAX3225ECAP	Maxim		SN75C3223DBR	Not IEC61000 ESD compliant, available reeled only	Q	SSOP	20
MAX3225ECAP	Maxim	AutoShutdown Plus	SN75C3223EDB	Auto-powerdown (not plus)	S	SSOP	20
MAX3225ECAP	Maxim		SN75C3223EDB		S	SSOP	20
MAX3225ECAP+	Maxim	Pb-Free, AutoShutdown Plus	SN75C3223EDB	Auto-powerdown (not plus)	S	SSOP	20
MAX3225ECAP+	Maxim		SN75C3223EDBG4		S	SSOP	20
MAX3225ECAP+T	Maxim	Pb-Free, AutoShutdown Plus	SN75C3223EDBR	Auto-powerdown (not plus)	S	SSOP	20
MAX3225ECAP+T	Maxim		SN75C3223EDBRG4		S	SSOP	20
MAX3225ECAP-T	Maxim		SN75C3223DBR	Not IEC61000 ESD compliant	Q	SSOP	20
MAX3225ECAP-T	Maxim	AutoShutdown Plus	SN75C3223EDBR	Auto-powerdown (not plus)	S	SSOP	20
MAX3225ECAP-T	Maxim		SN75C3223EDBR		S	SSOP	20
MAX3225ECUP	Maxim	AutoShutdown Plus	SN75C3223EPW	Auto-Powerdown (not plus)	S	TSSOP	20
MAX3225ECUP	Maxim		SN75C3223EPW		S	TSSOP	20
MAX3225ECUP+	Maxim	Pb-Free, AutoShutdown Plus	SN75C3223EPW	Auto-Powerdown (not plus)	S	TSSOP	20
MAX3225ECUP+	Maxim		SN75C3223EPWG4		S	TSSOP	20
MAX3225ECUP+T	Maxim	Pb-Free, AutoShutdown Plus	SN75C3223EPWR	Auto-Powerdown (not plus)	S	TSSOP	20
MAX3225ECUP+T	Maxim		SN75C3223EPWRG4		S	TSSOP	20
MAX3225ECUP-T	Maxim	AutoShutdown Plus	SN75C3223EPWR	Auto-Powerdown (not plus)	S	TSSOP	20
MAX3225ECUP-T	Maxim		SN75C3223EPWR		S	TSSOP	20
MAX3225EEAP	Maxim		SN65C3223DBR	Not IEC61000 ESD compliant, available reeled only	Q	SSOP	20
MAX3225EEAP	Maxim	AutoShutdown Plus	SN65C3223EDB	Auto-Powerdown (not plus)	S	SSOP	20
MAX3225EEAP	Maxim		SN65C3223EDB		S	SSOP	20
MAX3225EEAP+	Maxim	Pb-Free, AutoShutdown Plus	SN65C3223EDB	Auto-Powerdown (not plus)	S	SSOP	20
MAX3225EEAP+	Maxim		SN65C3223EDBG4		S	SSOP	20
MAX3225EEAP+T	Maxim	Pb-Free, AutoShutdown Plus	SN65C3223EDBR	Auto-Powerdown (not plus)	S	SSOP	20
MAX3225EEAP+T	Maxim		SN65C3223EDBRG4		S	SSOP	20
MAX3225EEAP-T	Maxim		SN65C3223DBR	Not IEC61000 ESD compliant	Q	SSOP	20
MAX3225EEAP-T	Maxim	AutoShutdown Plus	SN65C3223EDBR	Auto-Powerdown (not plus)	S	SSOP	20
MAX3225EEAP-T	Maxim		SN65C3223EDBR		S	SSOP	20
MAX3225EEUP	Maxim	AutoShutdown Plus	SN65C3223EPW	Auto-Powerdown (not plus)	S	TSSOP	20
MAX3225EEUP	Maxim		SN65C3223EPW		S	TSSOP	20
MAX3225EEUP+	Maxim	Pb-Free, AutoShutdown Plus	SN65C3223EPW	Auto-Powerdown (not plus)	S	TSSOP	20
MAX3225EEUP+	Maxim		SN65C3223EPWG4		S	TSSOP	20
MAX3225EEUP+T	Maxim	Pb-Free, AutoShutdown Plus	SN65C3223EPWR	Auto-Powerdown (not plus)	S	TSSOP	20
MAX3225EEUP+T	Maxim		SN65C3223EPWRG4		S	TSSOP	20
MAX3225EEUP-T	Maxim	AutoShutdown Plus	SN65C3223EPWR	Auto-Powerdown (not plus)	S	TSSOP	20
MAX3225EEUP-T	Maxim		SN65C3223EPWR		S	TSSOP	20
MAX3225EUP	Maxim	Not IEC61000 compliant, AutoShutdown Plus	SN65C3223EPW	IEC61000 ESD compliant, Auto-powerdown (not plus)	S	TSSOP	20
MAX3225EUP+	Maxim	Pb-Free, Not IEC61000 compliant, AutoShutdown Plus	SN65C3223EPW	IEC61000 ESD compliant, Auto-powerdown (not plus)	S	TSSOP	20
MAX3225EUP+T	Maxim	Pb-Free, Not IEC61000 compliant, AutoShutdown Plus	SN65C3223EPWR	IEC61000 ESD compliant, Auto-powerdown (not plus)	S	TSSOP	20
MAX3225EUP-T	Maxim	Not IEC61000 compliant, AutoShutdown Plus	SN65C3223EPWR	IEC61000 ESD compliant, Auto-powerdown (not plus)	S	TSSOP	20
MAX3227CAE	Maxim	Not IEC61000 ESD Compliant	MAX3227ECDB	IEC61000 ESD compliant	S	SSOP	16
MAX3227CAE+	Maxim	Pb-Free, Not IEC61000 ESD Compliant	MAX3227ECDB	IEC61000 ESD compliant	S	SSOP	16
MAX3227CAE+T	Maxim	Pb-Free, Not IEC61000 ESD Compliant	MAX3227ECDBR	IEC61000 ESD compliant	S	SSOP	16
MAX3227CAE-T	Maxim	Not IEC61000 ESD Compliant	MAX3227ECDBR	IEC61000 ESD compliant	S	SSOP	16
MAX3227EAE	Maxim	Not IEC61000 ESD Compliant	MAX3227EIDB	IEC61000 ESD compliant	S	SSOP	16
MAX3227EAE-T	Maxim	Not IEC61000 ESD Compliant	MAX3227EIDBR	IEC61000 ESD compliant	S	SSOP	16
MAX3227ECAE	Maxim		MAX3227ECDB		S	SSOP	16
MAX3227ECAE-T	Maxim		MAX3227ECDBR		S	SSOP	16
MAX3227EEAE	Maxim		MAX3227EIDB		S	SSOP	16
MAX3227EEAE-T	Maxim		MAX3227EIDBR		S	SSOP	16
MAX3232CAE	Maxim	Lower data rate, not IEC61000 ESD Compliant	MAX3232ECDB	Higher data rate, IEC61000 ESD compliant	S	SSOP	16
MAX3232CAE+	Maxim	Pb-Free, Lower data rate, not IEC61000 ESD Compliant	MAX3232ECDB	Higher data rate, IEC61000 ESD compliant	S	SSOP	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MAX3232CAE+T	Maxim	Pb-Free, Lower data rate, not IEC61000 ESD Compliant	MAX3232ECDBR	Higher data rate, IEC61000 ESD compliant	S	SSOP	16
MAX3232CAE-T	Maxim	Lower data rate, not IEC61000 ESD Compliant	MAX3232ECDBR	Higher data rate, IEC61000 ESD compliant	S	SSOP	16
MAX3232CSE	Maxim	Lower data rate, not IEC61000 ESD Compliant	MAX3232ECDR	Higher data rate, IEC61000 ESD compliant	S	SOIC	16
MAX3232CSE+	Maxim	Pb-Free, Lower data rate, not IEC61000 ESD Compliant	MAX3232ECD	Higher data rate, IEC61000 ESD compliant	S	SOIC	16
MAX3232CSE+T	Maxim	Pb-Free, Lower data rate, not IEC61000 ESD Compliant	MAX3232ECDR	Higher data rate, IEC61000 ESD compliant	S	SOIC	16
MAX3232CSE-T	Maxim	Lower data rate, not IEC61000 ESD Compliant	MAX3232ECD	Higher data rate, IEC61000 ESD compliant	S	SOIC	16
MAX3232CUE	Maxim	Lower data rate, not IEC61000 ESD Compliant	MAX3232ECPW	Higher data rate, IEC61000 ESD compliant	S	TSSOP	16
MAX3232CUE+	Maxim	Pb-Free, Lower data rate, not IEC61000 ESD Compliant	MAX3232ECPWR	Higher data rate, IEC61000 ESD compliant	S	TSSOP	16
MAX3232CUE+T	Maxim	Pb-Free, Lower data rate, not IEC61000 ESD Compliant	MAX3232ECPWR	Higher data rate, IEC61000 ESD compliant	S	TSSOP	16
MAX3232CUE-T	Maxim	Lower data rate, not IEC61000 ESD Compliant	MAX3232ECPWR	Higher data rate, IEC61000 ESD compliant	S	TSSOP	16
MAX3232CWE	Maxim	Lower data rate, not IEC61000 ESD Compliant	MAX3232ECDW	Higher data rate, IEC61000 ESD compliant	S	SOIC	16
MAX3232CWE+	Maxim	Pb-Free, Lower data rate, not IEC61000 ESD Compliant	MAX3232ECDW	Higher data rate, IEC61000 ESD compliant	S	SOIC	16
MAX3232CWE+T	Maxim	Pb-Free, Lower data rate, not IEC61000 ESD Compliant	MAX3232ECDWR	Higher data rate, IEC61000 ESD compliant	S	SOIC	16
MAX3232CWE-T	Maxim	Lower data rate, not IEC61000 ESD Compliant	MAX3232ECDWR	Higher data rate, IEC61000 ESD compliant	S	SOIC	16
MAX3232ECAE	Maxim	Lower data rate	MAX3232ECDB	Higher data rate	S	SSOP	16
MAX3232ECAE+	Maxim	Lower data rate, Pb-Free	MAX3232ECDB	Higher data rate	S	SSOP	16
MAX3232ECAE+T	Maxim	Lower data rate, Pb-Free	MAX3232ECDBR	Higher data rate	S	SSOP	16
MAX3232ECAE-T	Maxim	Lower data rate	MAX3232ECDBR	Higher data rate	S	SSOP	16
MAX3232ECSE	Maxim	Lower data rate	MAX3232ECD	Higher data rate	S	SOIC	16
MAX3232ECSE+	Maxim	Lower data rate, Pb-Free	MAX3232ECD	Higher data rate	S	SOIC	16
MAX3232ECSE+T	Maxim	Lower data rate, Pb-Free	MAX3232ECDR	Higher data rate	S	SOIC	16
MAX3232ECSE-T	Maxim	Lower data rate	MAX3232ECDR	Higher data rate	S	SOIC	16
MAX3232ECUP	Maxim	20 pin	MAX3232ECPW	Offered in 16 pin not 20 pin package	P	TSSOP	20
MAX3232ECUP-T	Maxim	20 pin	MAX3232ECPWR	Offered in 16 pin not 20 pin package	P	TSSOP	20
MAX3232ECWE	Maxim	Lower data rate	MAX3232ECDW	Higher data rate	S	SOIC	16
MAX3232ECWE+	Maxim	Lower data rate, Pb-Free	MAX3232ECDW	Higher data rate	S	SOIC	16
MAX3232ECWE+T	Maxim	Lower data rate, Pb-Free	MAX3232ECDWR	Higher data rate	S	SOIC	16
MAX3232ECWE-T	Maxim	Lower data rate	MAX3232ECDWR	Higher data rate	S	SOIC	16
MAX3232EEAE	Maxim	Lower data rate	MAX3232EIDB	Higher data rate	S	SSOP	16
MAX3232EEAE+	Maxim	Lower data rate, Pb-Free	MAX3232EIDB	Higher data rate	S	SSOP	16
MAX3232EEAE+T	Maxim	Lower data rate, Pb-Free	MAX3232EIDBR	Higher data rate	S	SSOP	16
MAX3232EEAE-T	Maxim	Lower data rate	MAX3232EIDBR	Higher data rate	S	SSOP	16
MAX3232EESE	Maxim	Lower data rate	MAX3232EID	Higher data rate	S	SOIC	16
MAX3232EESE+	Maxim	Lower data rate, Pb-Free	MAX3232EID	Higher data rate	S	SOIC	16
MAX3232EESE+T	Maxim	Lower data rate, Pb-Free	MAX3232EIDR	Higher data rate	S	SOIC	16
MAX3232EESE-T	Maxim	Lower data rate	MAX3232EIDR	Higher data rate	S	SOIC	16
MAX3232EEWE	Maxim	Lower data rate	MAX3232EIDW	Higher data rate	S	SOIC	16
MAX3232EEWE+	Maxim	Lower data rate, Pb-Free	MAX3232EIDW	Higher data rate	S	SOIC	16
MAX3232EEWE+T	Maxim	Lower data rate, Pb-Free	MAX3232EIDWR	Higher data rate	S	SOIC	16
MAX3232EEWE-T	Maxim	Lower data rate	MAX3232EIDWR	Higher data rate	S	SOIC	16
MAX3232ICAE	Maxim	Lower data rate, not IEC61000 ESD Compliant	MAX3232ECDB	Higher data rate, IEC61000 ESD compliant	S	SSOP	16
MAX3232ICAE-T	Maxim	Lower data rate, not IEC61000 ESD Compliant	MAX3232ECDBR	Higher data rate, IEC61000 ESD compliant	S	SSOP	16
MAX3237CAI	Maxim	Not IEC61000 ESD compliant	MAX3237ECDB	IEC61000 ESD compliant	S	SSOP	28
MAX3237CAI+	Maxim	Pb-Free, Not IEC61000 ESD compliant	MAX3237ECDB	IEC61000 ESD compliant	S	SSOP	28
MAX3237CAI+T	Maxim	Pb-Free, Not IEC61000 ESD compliant	MAX3237ECDBR	IEC61000 ESD compliant	S	SSOP	28
MAX3237CAI-T	Maxim	Not IEC61000 ESD compliant	MAX3237ECDBR	IEC61000 ESD compliant	S	SSOP	28
MAX3237EAI	Maxim	Not IEC61000 ESD compliant	MAX3237EIDB	IEC61000 ESD compliant	S	SSOP	28
MAX3237EAI+	Maxim	Pb-Free, Not IEC61000 ESD compliant	MAX3237EIDB	IEC61000 ESD compliant	S	SSOP	28
MAX3237EAI+T	Maxim	Pb-Free, Not IEC61000 ESD compliant	MAX3237EIDBR	IEC61000 ESD compliant	S	SSOP	28
MAX3237EAI-T	Maxim	Not IEC61000 ESD compliant	MAX3237EIDBR	IEC61000 ESD compliant	S	SSOP	28
MAX3238CAI	Maxim	Not IEC61000 ESD compliant	MAX3238ECDB	IEC61000 ESD compliant	S	SSOP	28
MAX3238CAI+	Maxim	Pb-Free, Not IEC61000 ESD compliant	MAX3238ECDB	IEC61000 ESD compliant	S	SSOP	28
MAX3238CAI+T	Maxim	Pb-Free, Not IEC61000 ESD compliant	MAX3238ECDBR	IEC61000 ESD compliant	S	SSOP	28
MAX3238CAI-T	Maxim	Not IEC61000 ESD compliant	MAX3238ECDBR	IEC61000 ESD compliant	S	SSOP	28
MAX3238EAI	Maxim	Not IEC61000 ESD compliant	MAX3238EIDBR	IEC61000 ESD compliant	S	SSOP	28
MAX3238EAI+	Maxim	Pb-Free, Not IEC61000 ESD compliant	MAX3238EIDB	IEC61000 ESD compliant	S	SSOP	28
MAX3238EAI+T	Maxim	Pb-Free, Not IEC61000 ESD compliant	MAX3238EIDBR	IEC61000 ESD compliant	S	SSOP	28

MAX3232CAE+T — MAX3238EAI+T

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MAX3238EAI-T	Maxim	Not IEC61000 ESD compliant	MAX3238EIDBR	IEC61000 ESD compliant	S	SSOP	28
MAX3238ECAI	Maxim		MAX3238ECDB		S	SSOP	28
MAX3238ECAI+	Maxim	Pb-Free	MAX3238EIDB		S	SSOP	28
MAX3238ECAI+T	Maxim	Pb-Free	MAX3238EIDBR		S	SSOP	28
MAX3238ECAI-T	Maxim		MAX3238ECDBR		S	SSOP	28
MAX3238EEAI	Maxim		MAX3238EIDB		S	SSOP	28
MAX3238EEAI+	Maxim	Pb-Free	MAX3238EIDB		S	SSOP	28
MAX3238EEAI+T	Maxim	Pb-Free	MAX3238EIDBR		S	SSOP	28
MAX3238EEAI-T	Maxim		MAX3238EIDBR		S	SSOP	28
MAX3243CAI	Maxim	Not IEC61000 ESD Compliant	MAX3243ECDB	IEC61000 ESD compliant	S	SSOP	28
MAX3243CAI+	Maxim	Pb-Free, Not IEC61000 ESD Compliant	MAX3243ECDB	IEC61000 ESD compliant	S	SSOP	28
MAX3243CAI+T	Maxim	Pb-Free, Not IEC61000 ESD Compliant	MAX3243ECDBR	IEC61000 ESD compliant	S	SSOP	28
MAX3243CAI-T	Maxim	Not IEC61000 ESD Compliant	MAX3243ECDBR	IEC61000 ESD compliant	S	SSOP	28
MAX3243CUI	Maxim	Not IEC61000 ESD Compliant	MAX3243ECPW	IEC61000 ESD compliant	S	TSSOP	28
MAX3243CUI+	Maxim	Pb-Free, Not IEC61000 ESD Compliant	MAX3243ECPW	IEC61000 ESD compliant	S	TSSOP	28
MAX3243CUI+T	Maxim	Pb-Free, Not IEC61000 ESD Compliant	MAX3243ECPWR	IEC61000 ESD compliant	S	TSSOP	28
MAX3243CUI-T	Maxim	Not IEC61000 ESD Compliant	MAX3243ECPWR	IEC61000 ESD compliant	S	TSSOP	28
MAX3243CWI	Maxim	Not IEC61000 ESD Compliant	MAX3243ECDW	IEC61000 ESD compliant	S	SOIC	28
MAX3243CWI+	Maxim	Pb-Free, Not IEC61000 ESD Compliant	MAX3243ECDW	IEC61000 ESD compliant	S	SOIC	28
MAX3243CWI+T	Maxim	Pb-Free, Not IEC61000 ESD Compliant	MAX3243ECDWR	IEC61000 ESD compliant	S	SOIC	28
MAX3243CWI-T	Maxim	Not IEC61000 ESD Compliant	MAX3243ECDWR	IEC61000 ESD compliant	S	SOIC	28
MAX3243EAI	Maxim	Not IEC61000 ESD Compliant	MAX3243EIDB	IEC61000 ESD compliant	S	SSOP	28
MAX3243EAI+	Maxim	Pb-Free, Not IEC61000 ESD Compliant	MAX3243EIDB	IEC61000 ESD compliant	S	SSOP	28
MAX3243EAI+T	Maxim	Pb-Free, Not IEC61000 ESD Compliant	MAX3243EIDBR	IEC61000 ESD compliant	S	SSOP	28
MAX3243EAI-T	Maxim	Not IEC61000 ESD Compliant	MAX3243EIDBR	IEC61000 ESD compliant	S	SSOP	28
MAX3243ECAI	Maxim		MAX3243ECDB		S	SSOP	28
MAX3243ECAI+	Maxim	Pb-Free	MAX3243ECDB		S	SSOP	28
MAX3243ECAI+T	Maxim	Pb-Free	MAX3243ECDBR		S	SSOP	28
MAX3243ECAI-T	Maxim		MAX3243ECDBR		S	SSOP	28
MAX3243ECUI	Maxim		MAX3243ECPW		S	TSSOP	28
MAX3243ECUI+	Maxim	Pb-Free	MAX3243ECPW		S	TSSOP	28
MAX3243ECUI+T	Maxim	Pb-Free	MAX3243ECPWR		S	TSSOP	28
MAX3243ECUI-T	Maxim		MAX3243ECPWR		S	TSSOP	28
MAX3243ECWI	Maxim		MAX3243ECDW		S	SOIC	28
MAX3243ECWI+	Maxim	Pb-Free	MAX3243ECDW		S	SOIC	28
MAX3243ECWI+T	Maxim	Pb-Free	MAX3243ECDWR		S	SOIC	28
MAX3243ECWI-T	Maxim		MAX3243ECDWR		S	SOIC	28
MAX3243EEAI	Maxim		MAX3243EIDB		S	SSOP	28
MAX3243EEAI+	Maxim	Pb-Free	MAX3243EIDB		S	SSOP	28
MAX3243EEAI+T	Maxim	Pb-Free	MAX3243EIDBR		S	SSOP	28
MAX3243EEAI-T	Maxim		MAX3243EIDBR		S	SSOP	28
MAX3243EEUI	Maxim		MAX3243EIPW		S	TSSOP	28
MAX3243EEUI+	Maxim	Pb-Free	MAX3243EIPW		S	TSSOP	28
MAX3243EEUI+T	Maxim	Pb-Free	MAX3243EIPWR		S	TSSOP	28
MAX3243EEUI-T	Maxim		MAX3243EIPWR		S	TSSOP	28
MAX3243EEWI	Maxim		MAX3243EIDW		S	SOIC	28
MAX3243EEWI+	Maxim	Pb-Free	MAX3243EIDW		S	SOIC	28
MAX3243EEWI+T	Maxim	Pb-Free	MAX3243EIDWR		S	SOIC	28
MAX3243EEWI-T	Maxim		MAX3243EIDWR		S	SOIC	28
MAX3243EUI	Maxim		MAX3243EIPW		S	TSSOP	28
MAX3243EUI+	Maxim	Pb-Free	MAX3243EIPW		S	TSSOP	28
MAX3243EUI+T	Maxim	Pb-Free	MAX3243EIPWR		S	TSSOP	28
MAX3243EUI-T	Maxim		MAX3243EIPWR		S	TSSOP	28
MAX3243EWI	Maxim		MAX3243EIDW		S	SOIC	28
MAX3243EWI+	Maxim	Pb-Free	MAX3243EIDW		S	SOIC	28
MAX3243EWI+T	Maxim	Pb-Free	MAX3243EIDWR		S	SOIC	28
MAX3243EWI-T	Maxim		MAX3243EIDWR		S	SOIC	28
MAX3243ICAI	Maxim	Not IEC61000 ESD Compliant	MAX3243ECDB	IEC61000 ESD compliant	S	SSOP	28
MAX3243ICAI+	Maxim	Pb-Free, Not IEC61000 ESD Compliant	MAX3243ECDB	IEC61000 ESD compliant	S	SSOP	28
MAX3243ICAI+T	Maxim	Pb-Free, Not IEC61000 ESD Compliant	MAX3243ECDBR	IEC61000 ESD compliant	S	SSOP	28
MAX3243ICAI-T	Maxim	Not IEC61000 ESD Compliant	MAX3243ECDBR	IEC61000 ESD compliant	S	SSOP	28
MAX3243ICUI	Maxim	Not IEC61000 ESD Compliant	MAX3243ECPW	IEC61000 ESD compliant	S	TSSOP	28
MAX3243ICUI+	Maxim	Pb-Free, Not IEC61000 ESD Compliant	MAX3243ECPW	IEC61000 ESD compliant	S	TSSOP	28
MAX3243ICUI+T	Maxim	Pb-Free, Not IEC61000 ESD Compliant	MAX3243ECPWR	IEC61000 ESD compliant	S	TSSOP	28

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MAX3243CUI-T	Maxim	Not IEC61000 ESD Compliant	MAX3243ECPWR	IEC61000 ESD compliant	S	TSSOP	28
MAX3318CAP	Maxim	Not IEC61000 ESD Compliant	MAX3318ECDB	IEC61000 ESD compliant	S	SSOP	20
MAX3318CAP+	Maxim	Pb-Free, Not IEC61000 ESD Compliant	MAX3318ECDB	IEC61000 ESD compliant	S	SSOP	20
MAX3318CAP+T	Maxim	Pb-Free, Not IEC61000 ESD Compliant	MAX3318ECDBR	IEC61000 ESD compliant	S	SSOP	20
MAX3318CAP-T	Maxim	Not IEC61000 ESD Compliant	MAX3318ECDBR	IEC61000 ESD compliant	S	SSOP	20
MAX3318CUP	Maxim	Not IEC61000 ESD Compliant	MAX3318ECPW	IEC61000 ESD compliant	S	TSSOP	20
MAX3318CUP+	Maxim	Pb-Free, Not IEC61000 ESD Compliant	MAX3318ECPW	IEC61000 ESD compliant	S	TSSOP	20
MAX3318CUP+T	Maxim	Pb-Free, Not IEC61000 ESD Compliant	MAX3318ECPWR	IEC61000 ESD compliant	S	TSSOP	20
MAX3318CUP-T	Maxim	Not IEC61000 ESD Compliant	MAX3318ECPWR	IEC61000 ESD compliant	S	TSSOP	20
MAX3318EAP	Maxim	Not IEC61000 ESD Compliant	MAX3318EIDB	IEC61000 ESD compliant	S	SSOP	20
MAX3318EAP+	Maxim	Pb-Free, Not IEC61000 ESD Compliant	MAX3318EIDB	IEC61000 ESD compliant	S	SSOP	20
MAX3318EAP+T	Maxim	Pb-Free, Not IEC61000 ESD Compliant	MAX3318EIDBR	IEC61000 ESD compliant	S	SSOP	20
MAX3318EAP-T	Maxim	Not IEC61000 ESD Compliant	MAX3318EIDBR	IEC61000 ESD compliant	S	SSOP	20
MAX3318ECAP	Maxim	+/- 15KV IEC61000 air gap discharge	MAX3318CDB	+/- 8KV IEC61000 air gap discharge	S	SSOP	20
MAX3318ECAP	Maxim		MAX3318ECDB		S	SSOP	20
MAX3318ECAP+	Maxim	Pb-Free	MAX3318ECDB		S	SSOP	20
MAX3318ECAP+T	Maxim	Pb-Free	MAX3318ECDBR		S	SSOP	20
MAX3318ECAP-T	Maxim	+/- 15KV IEC61000 air gap discharge	MAX3318CDBR	+/- 8KV IEC61000 air gap discharge	S	SSOP	20
MAX3318ECAP-T	Maxim		MAX3318ECDBR		S	SSOP	20
MAX3318ECUP	Maxim	+/- 15KV IEC61000 air gap discharge	MAX3318CPW	+/- 8KV IEC61000 air gap discharge	S	TSSOP	20
MAX3318ECUP	Maxim		MAX3318ECPW		S	TSSOP	20
MAX3318ECUP+	Maxim	Pb-Free	MAX3318ECPW		S	TSSOP	20
MAX3318ECUP+T	Maxim	Pb-Free	MAX3318ECPWR		S	TSSOP	20
MAX3318ECUP-T	Maxim	+/- 15KV IEC61000 air gap discharge	MAX3318CPWR	+/- 8KV IEC61000 air gap discharge	S	TSSOP	20
MAX3318EEAP	Maxim		MAX3318EIDB		S	SSOP	20
MAX3318EEAP	Maxim	+/- 15KV IEC61000 air gap discharge	MAX3318IDB	+/- 8KV IEC61000 air gap discharge	S	SSOP	20
MAX3318EEAP+	Maxim	Pb-Free	MAX3318EIDB		S	SSOP	20
MAX3318EEAP+T	Maxim	Pb-Free	MAX3318EIDBR		S	SSOP	20
MAX3318EEAP-T	Maxim		MAX3318EIDBR		S	SSOP	20
MAX3318EEAP-T	Maxim	+/- 15KV IEC61000 air gap discharge	MAX3318IDBR	+/- 8KV IEC61000 air gap discharge	S	SSOP	20
MAX3318EEUP	Maxim		MAX3318EIPW		S	TSSOP	20
MAX3318EEUP	Maxim	+/- 15KV IEC61000 air gap discharge	MAX3318IPW	+/- 8KV IEC61000 air gap discharge	S	TSSOP	20
MAX3318EEUP+	Maxim	Pb-Free	MAX3318EIPW		S	TSSOP	20
MAX3318EEUP+T	Maxim	Pb-Free	MAX3318EIPWR		S	TSSOP	20
MAX3318EEUP-T	Maxim		MAX3318EIPWR		S	TSSOP	20
MAX3318EEUP-T	Maxim	+/- 15KV IEC61000 air gap discharge	MAX3318IPWR	+/- 8KV IEC61000 air gap discharge	S	TSSOP	20
MAX3318EUP	Maxim	Not IEC61000 ESD Compliant	MAX3318EIPW	IEC61000 ESD compliant	S	TSSOP	20
MAX3318EUP+	Maxim	Pb-Free, Not IEC61000 ESD Compliant	MAX3318EIPW	IEC61000 ESD compliant	S	TSSOP	20
MAX3318EUP+T	Maxim	Pb-Free, Not IEC61000 ESD Compliant	MAX3318EIPWR	IEC61000 ESD compliant	S	TSSOP	20
MAX3318EUP-T	Maxim	Not IEC61000 ESD Compliant	MAX3318EIPWR	IEC61000 ESD compliant	S	TSSOP	20
MAX3386ECUP	Maxim		MAX3386ECPW		S	TSSOP	20
MAX3386ECUP+	Maxim	Pb-Free	MAX3386ECPW		S	TSSOP	20
MAX3386ECUP+T	Maxim	Pb-Free	MAX3386ECPWR		S	TSSOP	20
MAX3386ECUP-T	Maxim		MAX3386ECPWR		S	TSSOP	20
MAX3386EEUP	Maxim		MAX3386EIPW		S	TSSOP	20
MAX3386EEUP+	Maxim	Pb-Free	MAX3386EIPW		S	TSSOP	20
MAX3386EEUP+T	Maxim	Pb-Free	MAX3386EIPWR		S	TSSOP	20
MAX3386EEUP-T	Maxim		MAX3386EIPWR		S	TSSOP	20
MAX4051ACPE	Maxim		CD74HC4051E		Q	PDIP	16
MAX4051ACSE	Maxim		CD74HC4051M		Q	SOIC	16
MAX4051ACSE-T	Maxim		CD74HC4051M96		Q	SOIC	16
MAX4051AEPE	Maxim		CD74HC4051E		Q	PDIP	16
MAX4051AESE	Maxim		CD74HC4051M		Q	SOIC	16
MAX4051CPE	Maxim		CD74HC4051E		Q	PDIP	16
MAX4051CSE	Maxim		CD74HC4051M		Q	SOIC	16
MAX4051CSE-T	Maxim		CD74HC4051M96		Q	SOIC	16
MAX4051EPE	Maxim		CD74HC4051E		Q	PDIP	16
MAX4051ESE	Maxim		CD74HC4051M		Q	SOIC	16
MAX4051ESE-T	Maxim		CD74HC4051M96		Q	SOIC	16
MAX4052ACPE	Maxim		CD74HC4052E		Q	PDIP	16
MAX4052ACSE	Maxim		CD74HC4052M		Q	SOIC	16
MAX4052ACSE-T	Maxim		CD74HC4052M96		Q	SOIC	16
MAX4052AEPE	Maxim		CD74HC4052E		Q	PDIP	16

MAX3243CUI-T — MAX4052AEPE

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MAX4052AESE	Maxim		CD74HC4052M		Q	SOIC	16
MAX4052AESE-T	Maxim		CD74HC4052M96		Q	SOIC	16
MAX4052CPE	Maxim		CD74HC4052E		Q	PDIP	16
MAX4052CSE	Maxim		CD74HC4052M		Q	SOIC	16
MAX4052CSE-T	Maxim		CD74HC4052M96		Q	SOIC	16
MAX4052EPE	Maxim		CD74HC4052E		Q	PDIP	16
MAX4052ESE	Maxim		CD74HC4052M		Q	SOIC	16
MAX4052ESE-T	Maxim		CD74HC4052M96		Q	SOIC	16
MAX4053ACPE	Maxim		CD74HC4053E		Q	PDIP	16
MAX4053ACSE	Maxim		CD74HC4053M		Q	SOIC	16
MAX4053ACSE-T	Maxim		CD74HC4053M96		Q	SOIC	16
MAX4053AEPE	Maxim		CD74HC4053E		Q	PDIP	16
MAX4053AESE	Maxim		CD74HC4053M		Q	SOIC	16
MAX4053AESE-T	Maxim		CD74HC4053M96		Q	SOIC	16
MAX4053CPE	Maxim		CD74HC4053E		Q	PDIP	16
MAX4053CSE	Maxim		CD74HC4053M		Q	SOIC	16
MAX4053CSE-T	Maxim		CD74HC4053M96		Q	SOIC	16
MAX4053EPE	Maxim		CD74HC4053E		Q	PDIP	16
MAX4053ESE	Maxim		CD74HC4053M		Q	SOIC	16
MAX4053ESE-T	Maxim		CD74HC4053M96		Q	SOIC	16
MAX4066ACPD	Maxim		CD74HC4066E		Q	PDIP	14
MAX4066ACSD	Maxim		CD74HC4066M		Q	SOIC	14
MAX4066ACSD-T	Maxim		CD74HC4066M96		Q	SOIC	14
MAX4066AEPD	Maxim		CD74HC4066E		Q	PDIP	14
MAX4066AESD	Maxim		CD74HC4066M		Q	SOIC	14
MAX4066AESD-T	Maxim		CD74HC4066M96		Q	SOIC	14
MAX4066CPD	Maxim		CD74HC4066E		Q	PDIP	14
MAX4066CSD	Maxim		CD74HC4066M		Q	SOIC	14
MAX4066CSD-T	Maxim		CD74HC4066M96		Q	SOIC	14
MAX4066EPD	Maxim		CD74HC4066E		Q	PDIP	14
MAX4066ESD	Maxim		CD74HC4066M		Q	SOIC	14
MAX4066ESD-T	Maxim		CD74HC4066M96		Q	SOIC	14
MAX4401AXT	Maxim		LMV341IDCKR	Tape and reel	Q	SC70	6
MAX4401AXT+	Maxim		LMV341IDCKRG4	Tape and reel	Q	SC70	6
MAX4401AXT+T	Maxim		LMV341IDCKRG4		Q	SC70	6
MAX4401AXT-T	Maxim		LMV341IDCKR		Q	SC70	6
MAX4402ASA	Maxim		LMV342ID		Q	SOIC	8
MAX4402ASA+	Maxim		LMV342IDE4		Q	SOIC	8
MAX4402ASA+T	Maxim		LMV342IDRE4		Q	SOIC	8
MAX4402ASA-T	Maxim		LMV342IDR		Q	SOIC	8
MAX4402AUA	Maxim		LMV342IDGKR	Tape and reel	Q	MMAX	8
MAX4402AUA+	Maxim		LMV342IDGKRG4	Tape and reel	Q	MMAX	8
MAX4402AUA+T	Maxim		LMV342IDGKRG4		Q	MMAX	8
MAX4402AUA-T	Maxim		LMV342IDGKR		Q	MMAX	8
MAX4403ASD	Maxim		LMV344ID		Q	SOIC	14
MAX4403ASD+	Maxim		LMV344IDE4		Q	SOIC	14
MAX4403ASD+T	Maxim		LMV344IDRE4		Q	SOIC	14
MAX4403ASD-T	Maxim		LMV344IDR		Q	SOIC	14
MAX4403AUD	Maxim		LMV344IPW		Q	TSSOP	14
MAX4403AUD+	Maxim		LMV344IPWE4		Q	TSSOP	14
MAX4403AUD+T	Maxim		LMV344IPWRE4		Q	TSSOP	14
MAX4403AUD-T	Maxim		LMV344IPWR		Q	TSSOP	14
MAX4594EXK-T	Maxim	Vs differs	MAX4594DCKR		S	SC70	5
MAX4594EXK-T	Maxim		TSSA4594DCKR	Improved specifications	S	SC70	5
MAX4595EXK-T	Maxim	toff, ton, tpd differ	MAX4595DCKR		S	SC70	5
MAX4595EXK-T	Maxim		TSSA4595DCKR	Improved specifications	S	SC70	5
MAX4596EXK-T	Maxim	Vs differs	MAX4596DCKR		S	SC70	5
MAX4596EXK-T	Maxim		TSSA4596DCKR	Improved specifications	S	SC70	5
MAX4597EXK-T	Maxim	Vs differs	MAX4597DCKR		S	SC70	5
MAX4597EXK-T	Maxim		TSSA4597DCKR	Improved specifications	S	SC70	5
MAX7310AEE	Maxim		PCA9557DBR		S	QSOP	16
MAX7310AT	Maxim	Automotive temperature range	PCA9557RGVR		S	TQFN	16
MAX7310ATE	Maxim		PCA9557RGVR		S	QFN	16
MAX7310AT-T	Maxim	Automotive temperature range	PCA9557RGVR		S	TQFN	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MAX7310AUE	Maxim	Automotive temperature range	PCA9557PW		S	TSSOP	16
MAX7310AUE	Maxim		PCA9557PWR		S	TSSOP	16
MAX7310AUE-T	Maxim	Automotive temperature range	PCA9557PWR		S	TSSOP	16
MAX7311AAG	Maxim		PCA9555DBR		S	SSOP	24
MAX7311AAG-T	Maxim	Automotive temperature range	PCA9555DBR		S	SSOP	24
MAX7311ATG	Maxim		PCA9555RGER		S	QFN	24
MAX7311ATG-T	Maxim	Automotive temperature range	PCA9555RGER		S	TQFN	24
MAX7311AUG	Maxim		PCA9555PWR		S	TSSOP	24
MAX7311AUG-T	Maxim	Automotive temperature range	PCA9555PWR		S	TSSOP	24
MAX7311AWG	Maxim		PCA9555DWR		S	SOIC	24
MAX7311AWG-T	Maxim	Automotive temperature range	PCA9555DWR		S	SOIC	24
MAX7312AAG	Maxim		PCA9535DBR		S	SSOP	24
MAX7312ATG	Maxim		PCA9535RGER		S	QFN	24
MAX7312ATG-T	Maxim	Automotive temperature range	PCA9535RGER		S	TQFN	24
MAX7312AUG	Maxim		PCA9535PWR		S	TSSOP	24
MAX7312AUG	Maxim	Automotive temperature range	PCA9535PWR		S	TSSOP	24
MAX7312AUG-T	Maxim	Automotive temperature range	PCA9535PWR		S	TSSOP	24
MAX7312AWG	Maxim		PCA9535DWR		S	SOIC	24
MAX7312AWG	Maxim	Automotive temperature range	PCA9535DWR		S	SOIC	24
MAX7312AWG-T	Maxim	Automotive temperature range	PCA9535DWR		S	SOIC	24
MAX7367EUP+	Maxim	RoHS	PCA9544APWR		S	TSSOP	20
MAX7367EUP+T	Maxim	RoHS	PCA9544APW		S	TSSOP	20
MAX7368EUE+	Maxim	RoHS	PCA9545APWR		S	TSSOP	16
MAX7368EUE+T	Maxim	RoHS	PCA9545APW		S	TSSOP	16
MAX7369EUP+	Maxim	RoHS	PCA9546APWR		S	TSSOP	20
MAX7369EUP+T	Maxim	RoHS	PCA9546APW		S	TSSOP	20
MC14001BCP	On Semiconductor		CD4001BE		S	PDIP	14
MC14001BCPG	On Semiconductor	Pb-Free	CD4001BE		S	PDIP	14
MC14001BD	On Semiconductor		CD4001BM		S	SOIC	14
MC14001BDG	On Semiconductor	Pb-Free	CD4001BM		S	SOIC	14
MC14001BDR2	On Semiconductor		CD4001BM96		S	SOIC	14
MC14001BDR2G	On Semiconductor	Pb-Free	CD4001BM96		S	SOIC	14
MC14001BDT	On Semiconductor		CD4001BPW		S	TSSOP	14
MC14001BDTG	On Semiconductor	Pb-Free	CD4001BPW		S	TSSOP	14
MC14001BDTR2	On Semiconductor		CD4001BPWR		S	TSSOP	14
MC14001BDTR2G	On Semiconductor	Pb-Free	CD4001BPWR		S	TSSOP	14
MC14001BF	On Semiconductor		CD4001BNSR		S	SOP-EIAJ-II	14
MC14001BFEL	On Semiconductor		CD4001BNSR		S	SOP-EIAJ-II	14
MC14001BFELG	On Semiconductor	Pb-Free	CD4001BNSR		S	SOP-EIAJ-II	14
MC14001BFG	On Semiconductor	Pb-Free	CD4001BNSR		S	SOP-EIAJ-II	14
MC14001UBCP	On Semiconductor		CD4001UBE		S	PDIP	14
MC14001UBCPG	On Semiconductor	Pb-Free	CD4001UBE		S	PDIP	14
MC14001UBD	On Semiconductor		CD4001UBM		S	SOIC	14
MC14001UBDG	On Semiconductor	Pb-Free	CD4001UBM		S	SOIC	14
MC14001UBDR2	On Semiconductor		CD4001UBM96		S	SOIC	14
MC14001UBDR2G	On Semiconductor	Pb-Free	CD4001UBM96		S	SOIC	14
MC14007UBCP	On Semiconductor		CD4007UBE		S	PDIP	14
MC14007UBCPG	On Semiconductor	Pb-Free	CD4007UBE		S	PDIP	14
MC14007UBD	On Semiconductor		CD4007UBM		S	SOIC	14
MC14007UBDG	On Semiconductor	Pb-Free	CD4007UBM		S	SOIC	14
MC14007UBDR2	On Semiconductor		CD4007UBM96		S	SOIC	14
MC14007UBDR2G	On Semiconductor	Pb-Free	CD4007UBM96		S	SOIC	14
MC14007UBDT	On Semiconductor		CD4007UBPW		S	TSSOP	14
MC14007UBDTG	On Semiconductor	Pb-Free	CD4007UBPW		S	TSSOP	14
MC14007UBF	On Semiconductor		CD4007UBNSR		S	SOP-EIAJ-II	14
MC14007UBFEL	On Semiconductor		CD4007UBNSR		S	SOP-EIAJ-II	14
MC14007UBFELG	On Semiconductor	Pb-Free	CD4007UBNSR		S	SOP-EIAJ-II	14
MC14007UBFG	On Semiconductor	Pb-Free	CD4007UBNSR		S	SOP-EIAJ-II	14
MC14011BCP	On Semiconductor		CD4011BE		S	PDIP	14
MC14011BCPG	On Semiconductor	Pb-Free	CD4011BE		S	PDIP	14
MC14011BD	On Semiconductor		CD4011BM		S	SOIC	14
MC14011BDG	On Semiconductor	Pb-Free	CD4011BM		S	SOIC	14
MC14011BDR2	On Semiconductor		CD4011BM96		S	SOIC	14
MC14011BDR2G	On Semiconductor	Pb-Free	CD4011BM96		S	SOIC	14

MAX7310AUE — MC14011BDR2G

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC14011BDT	On Semiconductor		CD4011BPW		S	TSSOP	14
MC14011BDTEL	On Semiconductor	Discontinued 10/02/2001	CD4011BPWR		S	TSSOP	14
MC14011BDTG	On Semiconductor	Pb-Free	CD4011BPW		S	TSSOP	14
MC14011BDTR2	On Semiconductor		CD4011BPWR		S	TSSOP	14
MC14011BDTR2G	On Semiconductor	Pb-Free	CD4011BPWR		S	TSSOP	14
MC14011BF	On Semiconductor		CD4011BNSR		S	SOP-EIAJ-II	14
MC14011BFEL	On Semiconductor		CD4011BNSR		S	SOP-EIAJ-II	14
MC14011BFELG	On Semiconductor	Pb-Free	CD4011BNSR		S	SOP-EIAJ-II	14
MC14011BFG	On Semiconductor	Pb-Free	CD4011BNSR		S	SOP-EIAJ-II	14
MC14011UBCP	On Semiconductor		CD4011UBE		S	PDIP	
MC14011UBCPG	On Semiconductor	Pb-Free	CD4011UBE		S	PDIP	14
MC14011UBD	On Semiconductor		CD4011UBM		S	SOIC	14
MC14011UBDG	On Semiconductor	Pb-Free	CD4011UBM		S	SOIC	14
MC14011UBDR2	On Semiconductor		CD4011UBM96		S	SOIC	14
MC14011UBDR2G	On Semiconductor	Pb-Free	CD4011UBM96		S	SOIC	14
MC14012BCP	On Semiconductor		CD4012BE		S	PDIP	
MC14012BCPG	On Semiconductor	Pb-Free	CD4012BE		S	PDIP	14
MC14012BD	On Semiconductor		CD4012BM		S	SOIC	14
MC14012BDG	On Semiconductor	Pb-Free	CD4012BM		S	SOIC	14
MC14012BDR2	On Semiconductor		CD4012BM96		S	SOIC	14
MC14012BDR2G	On Semiconductor	Pb-Free	CD4012BM96		S	SOIC	14
MC14012BF	On Semiconductor		CD4012BNSR		S	SOP-EIAJ-II	14
MC14012BFEL	On Semiconductor		CD4012BNSR		S	SOP-EIAJ-II	14
MC14012BFELG	On Semiconductor	Pb-Free	CD4012BNSR		S	SOP-EIAJ-II	14
MC14012BFG	On Semiconductor	Pb-Free	CD4012BNSR		S	SOP-EIAJ-II	14
MC14013BCP	On Semiconductor		CD4013BE		S	PDIP	
MC14013BCPG	On Semiconductor	Pb-Free	CD4013BE		S	PDIP	14
MC14013BD	On Semiconductor		CD4013BM		S	SOIC	
MC14013BD	On Semiconductor		CD4013BM96		S	SOIC	
MC14013BDG	On Semiconductor	Pb-Free	CD4013BM		S	SOIC	14
MC14013BDR2	On Semiconductor		CD4013BM		S	SOIC	
MC14013BDR2	On Semiconductor		CD4013BM96		S	SOIC	
MC14013BDR2G	On Semiconductor	Pb-Free	CD4013BM96		S	SOIC	14
MC14013BDT	On Semiconductor		CD4013BPW		S	TSSOP	14
MC14013BDTG	On Semiconductor	Pb-Free	CD4013BPW		S	TSSOP	14
MC14013BDTR2	On Semiconductor		CD4013BPWR		S	TSSOP	14
MC14013BDTR2G	On Semiconductor	Pb-Free	CD4013BPWR		S	TSSOP	14
MC14013BF	On Semiconductor		CD4013BNSR		S	SOP-EIAJ-II	14
MC14013BFEL	On Semiconductor		CD4013BNSR		S	SOP-EIAJ-II	14
MC14013BFELG	On Semiconductor	Pb-Free	CD4013BNSR		S	SOP-EIAJ-II	14
MC14013BFG	On Semiconductor	Pb-Free	CD4013BNSR		S	SOP-EIAJ-II	14
MC14014BCP	On Semiconductor		CD4014BE		S	PDIP	
MC14014BCPG	On Semiconductor	Pb-Free	CD4014BE		S	PDIP	16
MC14014BD	On Semiconductor		CD4014BM		S	SOIC	16
MC14014BDG	On Semiconductor	Pb-Free	CD4014BM		S	SOIC	16
MC14014BDR2	On Semiconductor		CD4014BM96		S	SOIC	16
MC14014BDR2G	On Semiconductor	Pb-Free	CD4014BM96		S	SOIC	16
MC14014BF	On Semiconductor		CD4014BNSR		S	SOP-EIAJ-II	16
MC14014BFEL	On Semiconductor		CD4014BNSR		S	SOP-EIAJ-II	16
MC14014BFELG	On Semiconductor	Pb-Free	CD4014BNSR		S	SOP-EIAJ-II	16
MC14014BFG	On Semiconductor	Pb-Free	CD4014BNSR		S	SOP-EIAJ-II	16
MC14015BCP	On Semiconductor		CD4015BE		S	PDIP	
MC14015BCPG	On Semiconductor	Pb-Free	CD4015BE		S	PDIP	16
MC14015BD	On Semiconductor		CD4015BM		S	SOIC	16
MC14015BDG	On Semiconductor	Pb-Free	CD4015BM		S	SOIC	16
MC14015BDR2	On Semiconductor		CD4015BM96		S	SOIC	16
MC14015BDR2G	On Semiconductor	Pb-Free	CD4015BM96		S	SOIC	16
MC14015BDT	On Semiconductor		CD4015BPW		S	TSSOP	16
MC14015BDTG	On Semiconductor	Pb-Free	CD4015BPW		S	TSSOP	16
MC14015BF	On Semiconductor		CD4015BNSR		S	SOP-EIAJ-II	16
MC14015BFEL	On Semiconductor		CD4015BNSR		S	SOP-EIAJ-II	16
MC14015BFELG	On Semiconductor	Pb-Free	CD4015BNSR		S	SOP-EIAJ-II	16
MC14015BFG	On Semiconductor	Pb-Free	CD4015BNSR		S	SOP-EIAJ-II	16
MC14016BCP	On Semiconductor		CD4016BE		S	PDIP	

#### Replacement Codes

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC14016BCPG	On Semiconductor	Pb-Free	CD4016BE		S	PDIP	14
MC14016BD	On Semiconductor		CD4016BM		S	SOIC	14
MC14016BDG	On Semiconductor	Pb-Free	CD4016BM		S	SOIC	14
MC14016BDR2	On Semiconductor		CD4016BM96		S	SOIC	14
MC14016BDR2G	On Semiconductor	Pb-Free	CD4016BM96		S	SOIC	14
MC14016BF	On Semiconductor	Ron, toff, ton, Vs differ	CD4016BNSR		S	SOEIAJ	14
MC14016BFEL	On Semiconductor		CD4016BNSR		S	SOP-EIAJ-II	14
MC14016BFELG	On Semiconductor	Pb-Free	CD4016BNSR		S	SOP-EIAJ-II	14
MC14016BFG	On Semiconductor	Pb-Free	CD4016BNSR		S	SOP-EIAJ-II	14
MC14017BCP	On Semiconductor		CD4017BE		S	PDIP	
MC14017BCPG	On Semiconductor	Pb-Free	CD4017BE		S	PDIP	16
MC14017BD	On Semiconductor		CD4017BM		S	SOIC	16
MC14017BDG	On Semiconductor	Pb-Free	CD4017BM		S	SOIC	16
MC14017BDR2	On Semiconductor		CD4017BM96		S	SOIC	16
MC14017BDR2G	On Semiconductor	Pb-Free	CD4017BM96		S	SOIC	16
MC14017BF	On Semiconductor		CD4017BNSR		S	SOP-EIAJ-II	16
MC14017BFEL	On Semiconductor		CD4017BNSR		S	SOP-EIAJ-II	16
MC14017BFELG	On Semiconductor	Pb-Free	CD4017BNSR		S	SOP-EIAJ-II	16
MC14017BFG	On Semiconductor	Pb-Free	CD4017BNSR		S	SOP-EIAJ-II	16
MC14018BCP	On Semiconductor		CD4018BE		S	PDIP	
MC14018BCPG	On Semiconductor	Pb-Free	CD4018BE		S	PDIP	16
MC14018BD	On Semiconductor		CD4018BM		S	SOIC	16
MC14018BDG	On Semiconductor	Pb-Free	CD4018BM		S	SOIC	16
MC14018BDR2	On Semiconductor		CD4018BM96		S	SOIC	16
MC14018BDR2G	On Semiconductor	Pb-Free	CD4018BM96		S	SOIC	16
MC14018BF	On Semiconductor		CD4018BNSR		S	SOP-EIAJ-II	16
MC14018BFEL	On Semiconductor		CD4018BNSR		S	SOP-EIAJ-II	16
MC14018BFELG	On Semiconductor	Pb-Free	CD4018BNSR		S	SOP-EIAJ-II	16
MC14018BFG	On Semiconductor	Pb-Free	CD4018BNSR		S	SOP-EIAJ-II	16
MC14020BCP	On Semiconductor		CD4020BE		S	PDIP	
MC14020BCPG	On Semiconductor	Pb-Free	CD4020BE		S	PDIP	16
MC14020BDT	On Semiconductor		CD4020BPW		S	TSSOP	16
MC14020BDTG	On Semiconductor	Pb-Free	CD4020BPW		S	TSSOP	16
MC14020BF	On Semiconductor		CD4020BNSR		S	SOP-EIAJ-II	16
MC14020BFEL	On Semiconductor		CD4020BNSR		S	SOP-EIAJ-II	16
MC14020BFELG	On Semiconductor	Pb-Free	CD4020BNSR		S	SOP-EIAJ-II	16
MC14020BFG	On Semiconductor	Pb-Free	CD4020BNSR		S	SOP-EIAJ-II	16
MC14021BCP	On Semiconductor		CD4021BE		S	PDIP	
MC14021BCPG	On Semiconductor	Pb-Free	CD4021BE		S	PDIP	16
MC14021BD	On Semiconductor		CD4021BM		S	SOIC	16
MC14021BDG	On Semiconductor	Pb-Free	CD4021BM		S	SOIC	16
MC14021BDR2	On Semiconductor		CD4021BM96		S	SOIC	16
MC14021BDR2G	On Semiconductor	Pb-Free	CD4021BM96		S	SOIC	16
MC14021BF	On Semiconductor		CD4021BNSR		S	SOP-EIAJ-II	16
MC14021BFEL	On Semiconductor		CD4021BNSR		S	SOP-EIAJ-II	16
MC14021BFELG	On Semiconductor	Pb-Free	CD4021BNSR		S	SOP-EIAJ-II	16
MC14021BFG	On Semiconductor	Pb-Free	CD4021BNSR		S	SOP-EIAJ-II	16
MC14022BCP	On Semiconductor		CD4022BE		S	PDIP	
MC14022BCPG	On Semiconductor	Pb-Free	CD4022BE		S	PDIP	16
MC14022BF	On Semiconductor		CD4022BNSR		S	SOP-EIAJ-II	16
MC14022BFG	On Semiconductor	Pb-Free	CD4022BNSR		S	SOP-EIAJ-II	16
MC14023BCP	On Semiconductor		CD4023BE		S	PDIP	14
MC14023BCPG	On Semiconductor	Pb-Free	CD4023BE		S	PDIP	14
MC14023BD	On Semiconductor		CD4023BM		S	SOIC	14
MC14023BDG	On Semiconductor	Pb-Free	CD4023BM		S	SOIC	14
MC14023BDR2	On Semiconductor		CD4023BM96		S	SOIC	14
MC14023BDR2G	On Semiconductor	Pb-Free	CD4023BM96		S	SOIC	14
MC14023BF	On Semiconductor		CD4023BNSR		S	SOP-EIAJ-II	14
MC14023BFEL	On Semiconductor		CD4023BNSR		S	SOP-EIAJ-II	14
MC14023BFELG	On Semiconductor	Pb-Free	CD4023BNSR		S	SOP-EIAJ-II	14
MC14023BFG	On Semiconductor	Pb-Free	CD4023BNSR		S	SOP-EIAJ-II	14
MC14024BCP	On Semiconductor		CD4024BE		S	PDIP	
MC14024BCPG	On Semiconductor	Pb-Free	CD4024BE		S	PDIP	14
MC14024BD	On Semiconductor		CD4024BM		S	SOIC	14

MC14016BCPG — MC14024BD

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC14024BDG	On Semiconductor	Pb-Free	CD4024BM		S	SOIC	14
MC14024BDR2	On Semiconductor		CD4024BM96		S	SOIC	14
MC14024BDR2G	On Semiconductor	Pb-Free	CD4024BM96		S	SOIC	14
MC14024BF	On Semiconductor		CD4024BNSR		S	SOP-EIAJ-II	14
MC14024BFEL	On Semiconductor		CD4024BNSR		S	SOP-EIAJ-II	14
MC14024BFELG	On Semiconductor	Pb-Free	CD4024BNSR		S	SOP-EIAJ-II	14
MC14024BFG	On Semiconductor	Pb-Free	CD4024BNSR		S	SOP-EIAJ-II	14
MC14025BCP	On Semiconductor		CD4025BE		S	PDIP	
MC14025BCPG	On Semiconductor	Pb-Free	CD4025BE		S	PDIP	14
MC14025BD	On Semiconductor		CD4025BM		S	SOIC	14
MC14025BDG	On Semiconductor	Pb-Free	CD4025BM		S	SOIC	14
MC14025BDR2	On Semiconductor		CD4025BM96		S	SOIC	14
MC14025BDR2G	On Semiconductor	Pb-Free	CD4025BM96		S	SOIC	14
MC14025BF	On Semiconductor		CD4025BNSR		S	SOP-EIAJ-II	14
MC14025BFEL	On Semiconductor		CD4025BNSR		S	SOP-EIAJ-II	14
MC14025BFELG	On Semiconductor	Pb-Free	CD4025BNSR		S	SOP-EIAJ-II	14
MC14025BFG	On Semiconductor	Pb-Free	CD4025BNSR		S	SOP-EIAJ-II	14
MC14027BCP	On Semiconductor		CD4027BE		S	PDIP	
MC14027BCPG	On Semiconductor	Pb-Free	CD4027BE		S	PDIP	16
MC14027BD	On Semiconductor		CD4027BM		S	SOIC	16
MC14027BDG	On Semiconductor	Pb-Free	CD4027BM		S	SOIC	16
MC14027BDR2	On Semiconductor		CD4027BM96		S	SOIC	16
MC14027BDR2G	On Semiconductor	Pb-Free	CD4027BM96		S	SOIC	16
MC14027BF	On Semiconductor		CD4027BNSR		S	SOP-EIAJ-II	16
MC14027BFEL	On Semiconductor		CD4027BNSR		S	SOP-EIAJ-II	16
MC14027BFELG	On Semiconductor	Pb-Free	CD4027BNSR		S	SOP-EIAJ-II	16
MC14027BFG	On Semiconductor	Pb-Free	CD4027BNSR		S	SOP-EIAJ-II	16
MC14028BCP	On Semiconductor		CD4028BE		S	PDIP	
MC14028BCPG	On Semiconductor	Pb-Free	CD4028BE		S	PDIP	16
MC14028BD	On Semiconductor		CD4028BM		S	SOIC	16
MC14028BDG	On Semiconductor	Pb-Free	CD4028BM		S	SOIC	16
MC14028BDR2	On Semiconductor		CD4028BM96		S	SOIC	16
MC14028BDR2G	On Semiconductor	Pb-Free	CD4028BM96		S	SOIC	16
MC14028BF	On Semiconductor		CD4028BNSR		S	SOP	16
MC14028BFEL	On Semiconductor		CD4028BNSR		S	SOP-EIAJ-II	16
MC14028BFELG	On Semiconductor	Pb-Free	CD4028BNSR		S	SOP-EIAJ-II	16
MC14028BFG	On Semiconductor		CD4028BNSR		S	SOP	16
MC14029BCP	On Semiconductor		CD4029BE		S	PDIP	
MC14029BCPG	On Semiconductor	Pb-Free	CD4029BE		S	PDIP	16
MC14029BD	On Semiconductor		CD4029BM		S	SOIC	16
MC14029BDG	On Semiconductor	Pb-Free	CD4029BM		S	SOIC	16
MC14029BDR2	On Semiconductor		CD4029BM96		S	SOIC	16
MC14029BDR2G	On Semiconductor	Pb-Free	CD4029BM96		S	SOIC	16
MC14029BF	On Semiconductor		CD4029BNSR		S	SOP-EIAJ-II	16
MC14029BFEL	On Semiconductor		CD4029BNSR		S	SOP-EIAJ-II	16
MC14029BFELG	On Semiconductor	Pb-Free	CD4029BNSR		S	SOP-EIAJ-II	16
MC14029BFG	On Semiconductor	Pb-Free	CD4029BNSR		S	SOP-EIAJ-II	16
MC14040BCP	On Semiconductor		CD4040BE		S	PDIP	
MC14040BCPG	On Semiconductor	Pb-Free	CD4040BE		S	PDIP	16
MC14040BD	On Semiconductor		CD4040BM		S	SOIC	16
MC14040BDG	On Semiconductor	Pb-Free	CD4040BM		S	SOIC	16
MC14040BDR2	On Semiconductor		CD4040BM96		S	SOIC	16
MC14040BDR2G	On Semiconductor	Pb-Free	CD4040BM96		S	SOIC	16
MC14040BDT	On Semiconductor		CD4040BPW		S	TSSOP	16
MC14040BDTG	On Semiconductor	Pb-Free	CD4040BPW		S	TSSOP	16
MC14040BDTR2	On Semiconductor		CD4040BPWR		S	TSSOP	16
MC14040BDTR2G	On Semiconductor	Pb-Free	CD4040BPWR		S	TSSOP	16
MC14040BF	On Semiconductor		CD4040BNSR		S	SOP-EIAJ-II	16
MC14040BFEL	On Semiconductor		CD4040BNSR		S	SOP-EIAJ-II	16
MC14040BFELG	On Semiconductor	Pb-Free	CD4040BNSR		S	SOP-EIAJ-II	16
MC14040BFG	On Semiconductor	Pb-Free	CD4040BNSR		S	SOP-EIAJ-II	16
MC14042BCP	On Semiconductor		CD4042BE		S	PDIP	
MC14042BCPG	On Semiconductor	Pb-Free	CD4042BE		S	PDIP	16
MC14042BD	On Semiconductor		CD4042BD		S	SOIC	16

#### Replacement Codes

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC14042BDG	On Semiconductor	Pb-Free	CD4042BD		S	SOIC	16
MC14042BDR2	On Semiconductor		CD4042BDR		S	SOIC	16
MC14042BDR2G	On Semiconductor	Pb-Free	CD4042BDR		S	SOIC	16
MC14042BF	On Semiconductor		CD4042BNSR		S	SOEIAJ	16
MC14042BFEL	On Semiconductor		CD4042BNSR		S	SOP-EIAJ-II	16
MC14042BFELG	On Semiconductor	Pb-Free	CD4042BNSR		S	SOP-EIAJ-II	16
MC14042BFG	On Semiconductor		CD4042BNSR		S	SOEIAJ	16
MC14043BCP	On Semiconductor		CD4043BE		S	PDIP	
MC14043BCPG	On Semiconductor	Pb-Free	CD4043BE		S	PDIP	16
MC14043BD	On Semiconductor		CD4043BD		S	SOIC	16
MC14043BD	On Semiconductor		CD4043BDW		S	SOIC	16
MC14043BDG	On Semiconductor	Pb-Free	CD4043BD		S	SOIC	16
MC14043BDR2	On Semiconductor		CD4043BDR		S	SOIC	16
MC14043BDR2	On Semiconductor		CD4043BDWR		S	SOIC	16
MC14043BDR2G	On Semiconductor	Pb-Free	CD4043BDR		S	SOIC	16
MC14043BF	On Semiconductor		CD4043BNSR		S	SOEIAJ	16
MC14043BFEL	On Semiconductor		CD4043BNSR		S	SOP-EIAJ-II	16
MC14043BFELG	On Semiconductor	Pb-Free	CD4043BNSR		S	SOP-EIAJ-II	16
MC14043BFG	On Semiconductor		CD4043BNSR		S	SOEIAJ	16
MC14044BCP	On Semiconductor		CD4044BE		S	PDIP	
MC14044BCPG	On Semiconductor	Pb-Free	CD4044BE		S	PDIP	16
MC14044BD	On Semiconductor		CD4044BD		S	SOIC	16
MC14044BD	On Semiconductor		CD4044BDW		S	SOIC	16
MC14044BDG	On Semiconductor	Pb-Free	CD4044BD		S	SOIC	16
MC14044BDR2	On Semiconductor		CD4044BDR		S	SOIC	16
MC14044BDR2	On Semiconductor	tpd differs	CD4044BDWR		S	SOIC	16
MC14044BDR2G	On Semiconductor	Pb-Free	CD4044BDR		S	SOIC	16
MC14046BCP	On Semiconductor		CD4046BE		S	PDIP	
MC14046BCPG	On Semiconductor	Pb-Free	CD4046BE		S	PDIP	16
MC14046BF	On Semiconductor	Operating frequency differs	CD4046BNSR		S	SOP	16
MC14046BFEL	On Semiconductor		CD4046BNSR		S	SOP-EIAJ-II	16
MC14046BFELG	On Semiconductor	Pb-Free	CD4046BNSR		S	SOP-EIAJ-II	16
MC14046BFG	On Semiconductor	Operating frequency differs	CD4046BNSR		S	SOP	16
MC14049BCP	On Semiconductor		CD4049UBE		S	PDIP	16
MC14049BD	On Semiconductor		CD4049UBD		S	SOIC	16
MC14049UBCP	On Semiconductor		CD4049UBE		S	PDIP	
MC14049UBCPG	On Semiconductor	Pb-Free	CD4049UBE		S	PDIP	16
MC14049UBD	On Semiconductor		CD4049UBD		S	SOIC	16
MC14049UBDG	On Semiconductor	Pb-Free	CD4049UBD		S	SOIC	16
MC14049UBDR2	On Semiconductor		CD4049UBDR		S	SOIC	16
MC14049UBDR2G	On Semiconductor	Pb-Free	CD4049UBDR		S	SOIC	16
MC14049UBDT	On Semiconductor		CD4049UBPW		S	TSSOP	16
MC14049UBDTEL	On Semiconductor		CD4049UBPWR		S	TSSOP	16
MC14049UBDTELG	On Semiconductor	Pb-Free	CD4049UBPWR		S	TSSOP	16
MC14049UBDTG	On Semiconductor	Pb-Free	CD4049UBPW		S	TSSOP	16
MC14049UBDTR2	On Semiconductor		CD4049UBPWR		S	TSSOP	16
MC14049UBDTR2G	On Semiconductor	Pb-Free	CD4049UBPWR		S	TSSOP	16
MC14049UBF	On Semiconductor		CD4049UBNSR		S	SOP-EIAJ-II	16
MC14049UBFEL	On Semiconductor		CD4049UBNSR		S	SOP-EIAJ-II	16
MC14049UBFELG	On Semiconductor	Pb-Free	CD4049UBNSR		S	SOP-EIAJ-II	16
MC14050BCP	On Semiconductor		CD4050BE		S	PDIP	
MC14050BCPG	On Semiconductor	Pb-Free	CD4050BE		S	PDIP	16
MC14050BD	On Semiconductor		CD4050BD		S	SOIC	16
MC14050BDG	On Semiconductor	Pb-Free	CD4050BD		S	SOIC	16
MC14050BDR2	On Semiconductor		CD4050BDR		S	SOIC	16
MC14050BDR2G	On Semiconductor	Pb-Free	CD4050BDR		S	SOIC	16
MC14050BDTEL	On Semiconductor	Discontinued 10/02/2001	CD4050BPWR		S	TSSOP	16
MC14050BF	On Semiconductor		CD4050BNSR		S	SOP-EIAJ-II	16
MC14050BFEL	On Semiconductor		CD4050BNSR		S	SOP-EIAJ-II	16
MC14050BFELG	On Semiconductor	Pb-Free	CD4050BNSR		S	SOP-EIAJ-II	16
MC14050BFG	On Semiconductor	Pb-Free	CD4050BNSR		S	SOP-EIAJ-II	16
MC14051BCP	On Semiconductor		CD4051BE		S	PDIP	
MC14051BCPG	On Semiconductor	Pb-Free	CD4051BE		S	PDIP	16

MC14042BDG — MC14051BCPG

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC14051BD	On Semiconductor		CD4051BM		S	SOIC	16
MC14051BDG	On Semiconductor	Pb-Free	CD4051BM		S	SOIC	16
MC14051BDR2	On Semiconductor		CD4051BM96		S	SOIC	16
MC14051BDR2G	On Semiconductor	Pb-Free	CD4051BM96		S	SOIC	16
MC14051BDT	On Semiconductor		CD4051BPW		S	TSSOP	16
MC14051BDTEL	On Semiconductor	Discontinued 10/02/2001	CD4051BPWR		S	TSSOP	16
MC14051BDTG	On Semiconductor	Pb-Free	CD4051BPW		S	TSSOP	16
MC14051BDTR2	On Semiconductor		CD4051BPWR		S	TSSOP	16
MC14051BDTR2G	On Semiconductor	Pb-Free	CD4051BPWR		S	TSSOP	16
MC14051BF	On Semiconductor	Vs differs	CD4051BNSR		S	SOEIAJ	16
MC14051BFEL	On Semiconductor		CD4051BNSR		S	SOP-EIAJ-II	16
MC14051BFELG	On Semiconductor	Pb-Free	CD4051BNSR		S	SOP-EIAJ-II	16
MC14051BFG	On Semiconductor	Ron, toff, ton, Vs differ	CD4051BNSR		S	SOEIAJ	16
MC14052BCP	On Semiconductor		CD4052BE		S	PDIP	
MC14052BCPG	On Semiconductor	Pb-Free	CD4052BE		S	PDIP	16
MC14052BD	On Semiconductor		CD4052BM		S	SOIC	16
MC14052BDG	On Semiconductor	Pb-Free	CD4052BM		S	SOIC	16
MC14052BDR2	On Semiconductor		CD4052BM96		S	SOIC	16
MC14052BDR2G	On Semiconductor	Pb-Free	CD4052BM96		S	SOIC	16
MC14052BDT	On Semiconductor		CD4052BPW		S	TSSOP	16
MC14052BDTG	On Semiconductor	Pb-Free	CD4052BPW		S	TSSOP	16
MC14052BDTR2	On Semiconductor		CD4052BPWR		S	TSSOP	16
MC14052BDTR2G	On Semiconductor	Pb-Free	CD4052BPWR		S	TSSOP	16
MC14052BF	On Semiconductor	Vs differs	CD4052BNSR		S	SOEIAJ	16
MC14052BFEL	On Semiconductor		CD4052BNSR		S	SOP-EIAJ-II	16
MC14052BFELG	On Semiconductor	Pb-Free	CD4052BNSR		S	SOP-EIAJ-II	16
MC14052BFG	On Semiconductor	Ron, toff, ton, Vs differ	CD4052BNSR		S	SOEIAJ	16
MC14053BCP	On Semiconductor		CD4053BE		S	PDIP	
MC14053BCPG	On Semiconductor	Pb-Free	CD4053BE		S	PDIP	16
MC14053BD	On Semiconductor		CD4053BM		S	SOIC	16
MC14053BDG	On Semiconductor	Pb-Free	CD4053BM		S	SOIC	16
MC14053BDR2	On Semiconductor		CD4053BM96		S	SOIC	16
MC14053BDR2G	On Semiconductor	Pb-Free	CD4053BM96		S	SOIC	16
MC14053BDT	On Semiconductor		CD4053BPW		S	TSSOP	16
MC14053BDTEL	On Semiconductor	Discontinued 10/02/2001	CD4053BPWR		S	TSSOP	16
MC14053BDTG	On Semiconductor	Pb-Free	CD4053BPW		S	TSSOP	16
MC14053BDTR2	On Semiconductor		CD4053BPWR		S	TSSOP	16
MC14053BDTR2G	On Semiconductor	Pb-Free	CD4053BPWR		S	TSSOP	16
MC14053BF	On Semiconductor	Vs differs	CD4053BNSR		S	SOEIAJ	16
MC14053BFEL	On Semiconductor		CD4053BNSR		S	SOP-EIAJ-II	16
MC14053BFELG	On Semiconductor	Pb-Free	CD4053BNSR		S	SOP-EIAJ-II	16
MC14053BFG	On Semiconductor	Ron, toff, ton, Vs differ	CD4053BNSR		S	SOEIAJ	16
MC14060BCP	On Semiconductor		CD4060BE		S	PDIP	16
MC14060BCPG	On Semiconductor	Pb-Free	CD4060BE		S	PDIP	16
MC14060BD	On Semiconductor		CD4060BM		S	SOIC	16
MC14060BDG	On Semiconductor	Pb-Free	CD4060BM		S	SOIC	16
MC14060BDR2	On Semiconductor		CD4060BM96		S	SOIC	16
MC14060BDR2G	On Semiconductor	Pb-Free	CD4060BM96		S	SOIC	16
MC14060BDT	On Semiconductor		CD4060BPW		S	TSSOP	16
MC14060BDTG	On Semiconductor	Pb-Free	CD4060BPW		S	TSSOP	16
MC14060BDTR2	On Semiconductor		CD4060BPWR		S	TSSOP	16
MC14060BDTR2G	On Semiconductor	Pb-Free	CD4060BPWR		S	TSSOP	16
MC14060BF	On Semiconductor		CD4060BNSR		S	SOP-EIAJ-II	16
MC14060BFEL	On Semiconductor		CD4060BNSR		S	SOP-EIAJ-II	16
MC14060BFELG	On Semiconductor	Pb-Free	CD4060BNSR		S	SOP-EIAJ-II	16
MC14060BFG	On Semiconductor	Pb-Free	CD4060BNSR		S	SOP-EIAJ-II	16
MC14066BCP	On Semiconductor		CD4066BE		S	PDIP	
MC14066BCPG	On Semiconductor	Pb-Free	CD4066BE		S	PDIP	14
MC14066BD	On Semiconductor		CD4066BM		S	SOIC	14
MC14066BDG	On Semiconductor	Pb-Free	CD4066BM		S	SOIC	14
MC14066BDR2	On Semiconductor		CD4066BM96		S	SOIC	14
MC14066BDR2G	On Semiconductor	Pb-Free	CD4066BM96		S	SOIC	14
MC14066BDT	On Semiconductor		CD4066BPW		S	TSSOP	14
MC14066BDTEL	On Semiconductor	Discontinued 10/02/2001	CD4066BPWR		S	TSSOP	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC14066BDTG	On Semiconductor	Pb-Free	CD4066BPW		S	TSSOP	14
MC14066BDTR2	On Semiconductor		CD4066BPWR		S	TSSOP	14
MC14066BDTR2G	On Semiconductor		CD4066BPWR		S	TSSOP	14
MC14066BF	On Semiconductor	Ron, toff, ton differ	CD4066BNSR		S	SOEIAJ	14
MC14066BFEL	On Semiconductor		CD4066BNSR		S	SOP-EIAJ-II	14
MC14066BFELG	On Semiconductor		CD4066BNSR		S	SOP-EIAJ-II	14
MC14066BFG	On Semiconductor		CD4066BNSR		S	SOP-EIAJ-II	14
MC14067BCP	On Semiconductor		CD4067BE		S	PDIP	
MC14067BCPG	On Semiconductor	Pb-Free	CD4067BE		S	PDIP	24
MC14067BDW	On Semiconductor		CD4067BM		S	SOIC	24
MC14067BDWG	On Semiconductor	Pb-Free	CD4067BM		S	SOIC	24
MC14067BDWR2	On Semiconductor		CD4067BM96		S	SOIC	24
MC14067BDWR2G	On Semiconductor	Pb-Free	CD4067BM96		S	SOIC	24
MC14069UBCP	On Semiconductor		CD4069UBE		S	PDIP	
MC14069UBCPG	On Semiconductor	Pb-Free	CD4069UBE		S	PDIP	14
MC14069UBD	On Semiconductor		CD4069UBM		S	SOIC	14
MC14069UBDG	On Semiconductor	Pb-Free	CD4069UBM		S	SOIC	14
MC14069UBDR2	On Semiconductor		CD4069UBM96		S	SOIC	14
MC14069UBDR2G	On Semiconductor	Pb-Free	CD4069UBM96		S	SOIC	14
MC14069UBDT	On Semiconductor		CD4069UBPW		S	TSSOP	14
MC14069UBDTEL	On Semiconductor	Discontinued 10/02/2001	CD4069UBPWR		S	TSSOP	14
MC14069UBDTG	On Semiconductor	Pb-Free	CD4069UBPW		S	TSSOP	14
MC14069UBDTR2	On Semiconductor		CD4069UBPWR		S	TSSOP	14
MC14069UBDTR2G	On Semiconductor	Pb-Free	CD4069UBPWR		S	TSSOP	14
MC14069UBF	On Semiconductor		CD4069UBNSR		S	SOEIAJ	14
MC14069UBFEL	On Semiconductor		CD4069UBNSR		S	SOP-EIAJ-II	14
MC14069UBFELG	On Semiconductor	Pb-Free	CD4069UBNSR		S	SOP-EIAJ-II	14
MC14069UBFG	On Semiconductor		CD4069UBNSR		S	SOEIAJ	14
MC14070BCP	On Semiconductor		CD4070BE		S	PDIP	
MC14070BCPG	On Semiconductor	Pb-Free	CD4070BE		S	PDIP	14
MC14070BD	On Semiconductor		CD4070BM		S	SOIC	
MC14070BDG	On Semiconductor	Pb-Free	CD4070BM		S	SOIC	14
MC14070BDR2	On Semiconductor		CD4070BM		S	SOIC	
MC14070BDR2	On Semiconductor		CD4070BM96		S	SOIC	14
MC14070BDR2G	On Semiconductor	Pb-Free	CD4070BM96		S	SOIC	14
MC14070BF	On Semiconductor		CD4070BNSR		S	SOP-EIAJ-II	14
MC14070BFEL	On Semiconductor		CD4070BNSR		S	SOP-EIAJ-II	14
MC14070BFELG	On Semiconductor	Pb-Free	CD4070BNSR		S	SOP-EIAJ-II	14
MC14070BFG	On Semiconductor	Pb-Free	CD4070BNSR		S	SOP-EIAJ-II	14
MC14071BCP	On Semiconductor		CD4071BE		S	PDIP	
MC14071BCPG	On Semiconductor	Pb-Free	CD4071BE		S	PDIP	14
MC14071BD	On Semiconductor		CD4071BM		S	SOIC	14
MC14071BDG	On Semiconductor	Pb-Free	CD4071BM		S	SOIC	14
MC14071BDR2	On Semiconductor		CD4071BM96		S	SOIC	14
MC14071BDR2G	On Semiconductor	Pb-Free	CD4071BM96		S	SOIC	14
MC14071BDT	On Semiconductor		CD4071BPW		S	TSSOP	14
MC14071BDTG	On Semiconductor	Pb-Free	CD4071BPW		S	TSSOP	14
MC14071BDTR2	On Semiconductor		CD4071BPWR		S	TSSOP	14
MC14071BDTR2G	On Semiconductor	Pb-Free	CD4071BPWR		S	TSSOP	14
MC14071BF	On Semiconductor		CD4071BNSR		S	SOP-EIAJ-II	14
MC14071BFEL	On Semiconductor		CD4071BNSR		S	SOP-EIAJ-II	14
MC14071BFELG	On Semiconductor	Pb-Free	CD4071BNSR		S	SOP-EIAJ-II	14
MC14071BFG	On Semiconductor	Pb-Free	CD4071BNSR		S	SOP-EIAJ-II	14
MC14073BCP	On Semiconductor		CD4073BE		S	PDIP	
MC14073BCPG	On Semiconductor	Pb-Free	CD4073BE		S	PDIP	14
MC14073BD	On Semiconductor		CD4073BM		S	SOIC	14
MC14073BDG	On Semiconductor	Pb-Free	CD4073BM		S	SOIC	14
MC14073BDR2	On Semiconductor		CD4073BM96		S	SOIC	14
MC14073BDR2	On Semiconductor		CD4073BMT		S	SOIC	14
MC14073BDR2G	On Semiconductor	Pb-Free	CD4073BM96		S	SOIC	14
MC14073BF	On Semiconductor		CD4073BNSR		S	SOP-EIAJ-II	14
MC14073BFEL	On Semiconductor		CD4073BNSR		S	SOP-EIAJ-II	14
MC14073BFELG	On Semiconductor	Pb-Free	CD4073BNSR		S	SOP-EIAJ-II	14
MC14073BFG	On Semiconductor	Pb-Free	CD4073BNSR		S	SOP-EIAJ-II	14

MC14066BDTG — MC14073BFG

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC14073BP	On Semiconductor		CD4073BE		S	PDIP	14
MC14076BCP	On Semiconductor		CD4076BE		S	PDIP	
MC14076BCPG	On Semiconductor	Pb-Free	CD4076BE		S	PDIP	16
MC14076BD	On Semiconductor		CD4076BM		S	SOIC	16
MC14076BDG	On Semiconductor	Pb-Free	CD4076BM		S	SOIC	16
MC14076BDR2	On Semiconductor		CD4076BM96		S	SOIC	16
MC14076BDR2	On Semiconductor		CD4076BMT		S	SOIC	16
MC14076BDR2G	On Semiconductor	Pb-Free	CD4076BM96		S	SOIC	16
MC14077BCP	On Semiconductor		CD4077BE		S	PDIP	
MC14077BCPG	On Semiconductor	Pb-Free	CD4077BE		S	PDIP	14
MC14077BD	On Semiconductor		CD4077BM		S	SOIC	14
MC14077BDG	On Semiconductor	Pb-Free	CD4077BM		S	SOIC	14
MC14077BDR2	On Semiconductor		CD4077BM96		S	SOIC	14
MC14077BDR2G	On Semiconductor	Pb-Free	CD4077BM96		S	SOIC	14
MC14077BF	On Semiconductor		CD4077BNSR		S	SOP-EIAJ-II	14
MC14077BFEL	On Semiconductor		CD4077BNSR		S	SOP-EIAJ-II	14
MC14077BFELG	On Semiconductor	Pb-Free	CD4077BNSR		S	SOP-EIAJ-II	14
MC14077BFG	On Semiconductor	Pb-Free	CD4077BNSR		S	SOP-EIAJ-II	14
MC14081BCP	On Semiconductor		CD4081BE		S	PDIP	
MC14081BCPG	On Semiconductor	Pb-Free	CD4081BE		S	PDIP	14
MC14081BD	On Semiconductor		CD4081BM		S	SOIC	
MC14081BDG	On Semiconductor	Pb-Free	CD4081BM		S	SOIC	14
MC14081BDR2	On Semiconductor		CD4081BM		S	SOIC	
MC14081BDR2	On Semiconductor		CD4081BM96		S	SOIC	14
MC14081BDR2G	On Semiconductor	Pb-Free	CD4081BM96		S	SOIC	14
MC14081BDT	On Semiconductor		CD4081BPW		S	TSSOP	14
MC14081BDTG	On Semiconductor	Pb-Free	CD4081BPW		S	TSSOP	14
MC14081BDTR2	On Semiconductor		CD4081BPWR		S	TSSOP	14
MC14081BDTR2G	On Semiconductor	Pb-Free	CD4081BPWR		S	TSSOP	14
MC14081BF	On Semiconductor		CD4081BNSR		S	SOP-EIAJ-II	14
MC14081BFEL	On Semiconductor		CD4081BNSR		S	SOP-EIAJ-II	14
MC14081BFELG	On Semiconductor	Pb-Free	CD4081BNSR		S	SOP-EIAJ-II	14
MC14081BFG	On Semiconductor	Pb-Free	CD4081BNSR		S	SOP-EIAJ-II	14
MC14081BP	On Semiconductor	tpd differs	CD4081BE		S	PDIP	14
MC14082BCP	On Semiconductor		CD4082BE		S	PDIP	
MC14082BCPG	On Semiconductor	Pb-Free	CD4082BE		S	PDIP	14
MC14082BD	On Semiconductor		CD4082BM		S	SOIC	14
MC14082BDG	On Semiconductor	Pb-Free	CD4082BM		S	SOIC	14
MC14082BDR2	On Semiconductor		CD4082BM96		S	SOIC	14
MC14082BDR2G	On Semiconductor	Pb-Free	CD4082BM96		S	SOIC	14
MC14082BDT	On Semiconductor		CD4082BPWR		S	TSSOP	14
MC14082BF	On Semiconductor		CD4082BNSR		S	SOP-EIAJ-II	14
MC14082BFEL	On Semiconductor		CD4082BNSR		S	SOP-EIAJ-II	14
MC14082BFELG	On Semiconductor	Pb-Free	CD4082BNSR		S	SOP-EIAJ-II	14
MC14082BFG	On Semiconductor	Pb-Free	CD4082BNSR		S	SOP-EIAJ-II	14
MC14082BP	On Semiconductor	tpd differs	CD4082BE		S	PDIP	14
MC14093BCP	On Semiconductor		CD4093BE		S	PDIP	
MC14093BCPG	On Semiconductor	Pb-Free	CD4093BE		S	PDIP	14
MC14093BD	On Semiconductor		CD4093BM		S	SOIC	
MC14093BD	On Semiconductor		CD4093BM96		S	SOIC	
MC14093BDG	On Semiconductor	Pb-Free	CD4093BM		S	SOIC	14
MC14093BDR2	On Semiconductor		CD4093BM		S	SOIC	
MC14093BDR2	On Semiconductor		CD4093BM96		S	SOIC	
MC14093BDR2G	On Semiconductor	Pb-Free	CD4093BM96		S	SOIC	14
MC14093BDT	On Semiconductor		CD4093BPW		S	TSSOP	14
MC14093BDTEL	On Semiconductor	Discontinued 10/02/2001	CD4093BPWR		S	TSSOP	14
MC14093BDTG	On Semiconductor	Pb-Free	CD4093BPW		S	TSSOP	14
MC14093BDTR2	On Semiconductor		CD4093BPWR		S	TSSOP	14
MC14093BDTR2G	On Semiconductor	Pb-Free	CD4093BPWR		S	TSSOP	14
MC14093BF	On Semiconductor		CD4093BNSR		S	SOP-EIAJ-II	14
MC14093BFEL	On Semiconductor		CD4093BNSR		S	SOP-EIAJ-II	14
MC14093BFELG	On Semiconductor	Pb-Free	CD4093BNSR		S	SOP-EIAJ-II	14
MC14093BFG	On Semiconductor	Pb-Free	CD4093BNSR		S	SOP-EIAJ-II	14
MC14094BCP	On Semiconductor		CD4094BE		S	PDIP	

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC14094BCPG	On Semiconductor	Pb-Free	CD4094BE		S	PDIP	16
MC14094BDT	On Semiconductor		CD4094BPW		S	TSSOP	16
MC14094BDTG	On Semiconductor	Pb-Free	CD4094BPW		S	TSSOP	16
MC14094BDTR2	On Semiconductor		CD4094BPWR		S	TSSOP	16
MC14094BDTR2G	On Semiconductor	Pb-Free	CD4094BPWR		S	TSSOP	16
MC14094BF	On Semiconductor		CD4094BNSR		S	SOP-EIAJ-II	16
MC14094BFEL	On Semiconductor		CD4094BNSR		S	SOP-EIAJ-II	16
MC14094BFELG	On Semiconductor	Pb-Free	CD4094BNSR		S	SOP-EIAJ-II	16
MC14094BFG	On Semiconductor	Pb-Free	CD4094BNSR		S	SOP-EIAJ-II	16
MC14099BCP	On Semiconductor		CD4099BE		S	PDIP	
MC14099BCP	On Semiconductor		CD4724BE		S	PDIP	16
MC14099BCPG	On Semiconductor	Pb-Free	CD4099BE		S	PDIP	16
MC14099BDW	On Semiconductor		CD4099BM		S	SOIC	16
MC14099BDWG	On Semiconductor	Pb-Free	CD4099BM		S	SOIC	16
MC14099BDWR2	On Semiconductor		CD4099BM96		S	SOIC	16
MC14099BDWR2G	On Semiconductor	Pb-Free	CD4099BM96		S	SOIC	16
MC14099BF	On Semiconductor		CD4099BM		S	SOEIAJ	16
MC14099BF	On Semiconductor		CD4099BNSR		S	SOEIAJ	16
MC14099BF	On Semiconductor		CD4724BNSR		S	SOEIAJ	16
MC14099BFEL	On Semiconductor		CD4099BNSR		S	SOP-EIAJ-II	16
MC14099BFEL	On Semiconductor		CD4724BNSR		S	SOEIAJ	16
MC14099BFELG	On Semiconductor	Pb-Free	CD4099BNSR		S	SOP-EIAJ-II	16
MC14099BFG	On Semiconductor		CD4099BNSR		S	SOEIAJ	16
MC14106BCP	On Semiconductor		CD40106BE		S	PDIP	
MC14106BCPG	On Semiconductor	Pb-Free	CD40106BE		S	PDIP	14
MC14106BD	On Semiconductor		CD40106BM		S	SOIC	
MC14106BD	On Semiconductor		CD40106BM96		S	SOIC	
MC14106BDG	On Semiconductor	Pb-Free	CD40106BM		S	SOIC	14
MC14106BDR2	On Semiconductor		CD40106BM		S	SOIC	
MC14106BDR2	On Semiconductor		CD40106BM96		S	SOIC	
MC14106BDR2G	On Semiconductor	Pb-Free	CD40106BM96		S	SOIC	14
MC14106BDT	On Semiconductor		CD40106BPW		S	TSSOP	14
MC14106BDT	On Semiconductor		CD40106BPWR		S	TSSOP	14
MC14106BDTG	On Semiconductor	Pb-Free	CD40106BPW		S	TSSOP	14
MC14106BDTR2	On Semiconductor		CD40106BPWR		S	TSSOP	14
MC14106BDTR2G	On Semiconductor	Pb-Free	CD40106BPWR		S	TSSOP	14
MC1413BD	On Semiconductor		ULN2003AID		S	SOIC	16
MC1413BDG	On Semiconductor	Pb-Free	ULN2003AID		S	SOIC	16
MC1413BDR2	On Semiconductor		ULN2003AIDR		S	SOIC	16
MC1413BDR2G	On Semiconductor	Pb-Free	ULN2003AIDR		S	SOIC	16
MC1413BP	On Semiconductor		ULN2003AIN		S	PDIP	16
MC1413BPG	On Semiconductor	Pb-Free	ULN2003AIN		S	SOIC	16
MC1413D	On Semiconductor		ULN2003AID		S	SOIC	16
MC1413DG	On Semiconductor	Pb-Free	ULN2003AID		S	SOIC	16
MC1413DR2	On Semiconductor		ULN2003AIDR		S	SOIC	16
MC1413DR2G	On Semiconductor	Pb-Free	ULN2003AIDR		S	SOIC	16
MC1413P	On Semiconductor		ULN2003AIN		S	PDIP	16
MC1413PG	On Semiconductor	Pb-Free	ULN2003AIN		S	PDIP	16
MC14174BCP	On Semiconductor		CD40174BE		S	PDIP	
MC14174BCPG	On Semiconductor	Pb-Free	CD40174BE		S	PDIP	16
MC14174BD	On Semiconductor		CD40174BM		S	SOIC	16
MC14174BDG	On Semiconductor	Pb-Free	CD40174BM		S	SOIC	16
MC14174BDR2	On Semiconductor		CD40174BM96		S	SOIC	16
MC14174BDR2G	On Semiconductor	Pb-Free	CD40174BM96		S	SOIC	16
MC14174BF	On Semiconductor		CD40174BNSR		S	SOP-EIAJ-II	16
MC14174BFEL	On Semiconductor		CD40174BNSR		S	SOP-EIAJ-II	16
MC14174BFELG	On Semiconductor	Pb-Free	CD40174BNSR		S	SOP-EIAJ-II	16
MC14174BFG	On Semiconductor	Pb-Free	CD40174BNSR		S	SOP-EIAJ-II	16
MC14175BCP	On Semiconductor		CD40175BE		S	PDIP	
MC14175BCPG	On Semiconductor	Pb-Free	CD40175BE		S	PDIP	16
MC14175BD	On Semiconductor		CD40175BM		S	SOIC	16
MC14175BDG	On Semiconductor	Pb-Free	CD40175BM		S	SOIC	16
MC14175BDR2	On Semiconductor		CD40175BM96		S	SOIC	16
MC14175BDR2G	On Semiconductor	Pb-Free	CD40175BM96		S	SOIC	16

MC14094BCPG — MC14175BDR2G

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC14175BF	On Semiconductor		CD40175BNSR		S	SOP-EIAJ-II	16
MC14175BFEL	On Semiconductor		CD40175BNSR		S	SOP-EIAJ-II	16
MC14175BFELG	On Semiconductor	Pb-Free	CD40175BNSR		S	SOP-EIAJ-II	16
MC14175BFG	On Semiconductor	Pb-Free	CD40175BNSR		S	SOP-EIAJ-II	16
MC14503BCP	On Semiconductor		CD4503BE		S	PDIP	
MC14503BCPG	On Semiconductor	Pb-Free	CD4503BE		S	PDIP	16
MC14503BD	On Semiconductor		CD4503BM		S	SOIC	16
MC14503BDG	On Semiconductor	Pb-Free	CD4503BM		S	SOIC	16
MC14503BDR2	On Semiconductor		CD4503BM96		S	SOIC	16
MC14503BDR2G	On Semiconductor	Pb-Free	CD4503BM96		S	SOIC	16
MC14503BF	On Semiconductor		CD4503BNSR		S	SOP-EIAJ-II	16
MC14503BFEL	On Semiconductor		CD4503BNSR		S	SOP-EIAJ-II	16
MC14503BFELG	On Semiconductor	Pb-Free	CD4503BNSR		S	SOP-EIAJ-II	16
MC14503BFG	On Semiconductor	Pb-Free	CD4503BNSR		S	SOP-EIAJ-II	16
MC14504BCP	On Semiconductor		CD4504BE		S	PDIP	16
MC14504BCPG	On Semiconductor	Pb-Free	CD4504BE		S	PDIP	16
MC14504BD	On Semiconductor		CD4504BM		S	SOIC	16
MC14504BDG	On Semiconductor	Pb-Free	CD4504BM		S	SOIC	16
MC14504BDR2	On Semiconductor		CD4504BM96		S	SOIC	16
MC14504BDR2G	On Semiconductor	Pb-Free	CD4504BM96		S	SOIC	16
MC14504BDT	On Semiconductor		CD4504BPW		S	TSSOP	16
MC14504BDTG	On Semiconductor	Pb-Free	CD4504BPW		S	TSSOP	16
MC14511BCP	On Semiconductor		CD4511BE		S	PDIP	
MC14511BCPG	On Semiconductor	Pb-Free	CD4511BE		S	PDIP	16
MC14511BF	On Semiconductor		CD4511BNSR		S	SOP	16
MC14511BFEL	On Semiconductor		CD4511BNSR		S	SOP-EIAJ-II	16
MC14511BFELG	On Semiconductor	Pb-Free	CD4511BNSR		S	SOP-EIAJ-II	16
MC14511BFG	On Semiconductor		CD4511BNSR		S	SOP	16
MC14512BCP	On Semiconductor		CD4512BE		S	PDIP	
MC14512BCPG	On Semiconductor	Pb-Free	CD4512BE		S	PDIP	16
MC14512BD	On Semiconductor		CD4512BM		S	SOIC	16
MC14512BDG	On Semiconductor	Pb-Free	CD4512BM		S	SOIC	16
MC14512BDR2	On Semiconductor		CD4512BM96		S	SOIC	16
MC14512BDR2G	On Semiconductor	Pb-Free	CD4512BM96		S	SOIC	16
MC14512BF	On Semiconductor	tpd differs	CD4512BNSR		S	SOEIAJ	16
MC14512BFEL	On Semiconductor		CD4512BNSR		S	SOP-EIAJ-II	16
MC14512BFELG	On Semiconductor	Pb-Free	CD4512BNSR		S	SOP-EIAJ-II	16
MC14512BFG	On Semiconductor	tpd differs	CD4512BNSR		S	SOEIAJ	16
MC14512BFL1	On Semiconductor	tpd differs	CD4512BNSR		S	SOEIAJ	16
MC14514BCP	On Semiconductor		CD4514BE		S	PDIP	
MC14514BCPG	On Semiconductor	Pb-Free	CD4514BE		S	PDIP	24
MC14514BDW	On Semiconductor		CD4514BM		S	SOIC	24
MC14514BDWG	On Semiconductor	Pb-Free	CD4514BM		S	SOIC	24
MC14514BDWR2	On Semiconductor		CD4514BM96		S	SOIC	24
MC14514BDWR2G	On Semiconductor	Pb-Free	CD4514BM96		S	SOIC	24
MC14515BCP	On Semiconductor		CD4515BE		S	PDIP	
MC14515BCPG	On Semiconductor	Pb-Free	CD4515BE		S	PDIP	24
MC14515BDW	On Semiconductor		CD4515BM		S	SOIC	24
MC14515BDWG	On Semiconductor	Pb-Free	CD4515BM		S	SOIC	24
MC14515BDWR2	On Semiconductor		CD4515BM96		S	SOIC	24
MC14515BDWR2G	On Semiconductor	Pb-Free	CD4515BM96		S	SOIC	24
MC14516BCP	On Semiconductor		CD4516BE		S	PDIP	
MC14516BCPG	On Semiconductor	Pb-Free	CD4516BE		S	PDIP	16
MC14516BF	On Semiconductor		CD4516BNSR		S	SOP-EIAJ-II	16
MC14516BFEL	On Semiconductor		CD4516BNSR		S	SOP-EIAJ-II	16
MC14516BFELG	On Semiconductor	Pb-Free	CD4516BNSR		S	SOP-EIAJ-II	16
MC14516BFG	On Semiconductor	Pb-Free	CD4516BNSR		S	SOP-EIAJ-II	16
MC14517BCP	On Semiconductor		CD4517BE		S	PDIP	
MC14517BCPG	On Semiconductor	Pb-Free	CD4517BE		S	PDIP	16
MC14518BCP	On Semiconductor		CD4518BE		S	PDIP	
MC14518BCPG	On Semiconductor	Pb-Free	CD4518BE		S	PDIP	16
MC14518BDW	On Semiconductor	SOIC wide package	CD4518BM	SOIC narrow package	P	SOIC	16
MC14518BDWG	On Semiconductor	SOIC wide package	CD4518BM	SOIC narrow package	P	SOIC	16
MC14518BDWR2	On Semiconductor	SOIC wide package	CD4518BM96	SOIC narrow package	P	SOIC	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC14518BF	On Semiconductor		CD4518BNSR		S	SOP-EIAJ-II	16
MC14518BFEL	On Semiconductor		CD4518BNSR		S	SOP-EIAJ-II	16
MC14518BFELG	On Semiconductor	Pb-Free	CD4518BNSR		S	SOP-EIAJ-II	16
MC14518BFG	On Semiconductor	Pb-Free	CD4518BNSR		S	SOP-EIAJ-II	16
MC14520BCP	On Semiconductor		CD4520BE		S	PDIP	
MC14520BCPG	On Semiconductor	Pb-Free	CD4520BE		S	PDIP	16
MC14520BDW	On Semiconductor	SOIC wide package	CD4520BM	SOIC narrow package	P	SOIC	16
MC14520BDWG	On Semiconductor	SOIC wide package	CD4520BM	SOIC narrow package	P	SOIC	16
MC14520BF	On Semiconductor		CD4520BNSR		S	SOP-EIAJ-II	16
MC14520BFEL	On Semiconductor		CD4520BNSR		S	SOP-EIAJ-II	16
MC14520BFELG	On Semiconductor	Pb-Free	CD4520BNSR		S	SOP-EIAJ-II	16
MC14520BFG	On Semiconductor	Pb-Free	CD4520BNSR		S	SOP-EIAJ-II	16
MC14521BCP	On Semiconductor		CD4521BE		S	PDIP	
MC14521BCPG	On Semiconductor	Pb-Free	CD4521BE		S	PDIP	16
MC14521BD	On Semiconductor		CD4521BM		S	SOIC	16
MC14521BDG	On Semiconductor	Pb-Free	CD4521BM		S	SOIC	16
MC14521BDR2	On Semiconductor		CD4521BM96		S	SOIC	16
MC14521BDR2G	On Semiconductor	Pb-Free	CD4521BM96		S	SOIC	16
MC14521BF	On Semiconductor		CD4521BNSR		S	SOP	16
MC14521BFEL	On Semiconductor		CD4521BNSR		S	SOP-EIAJ-II	16
MC14521BFELG	On Semiconductor	Pb-Free	CD4521BNSR		S	SOP-EIAJ-II	16
MC14521BFG	On Semiconductor		CD4521BNSR		S	SOP	16
MC14528BCP	On Semiconductor		CD14538BE		S	PDIP	
MC14528BCPG	On Semiconductor	Pb-Free	CD14538BE		S	PDIP	16
MC14528BD	On Semiconductor		CD14538BM		S	SOIC	16
MC14528BDG	On Semiconductor	Pb-Free	CD14538BM		S	SOIC	16
MC14528BDR2	On Semiconductor		CD14538BM96		S	SOIC	16
MC14528BDR2G	On Semiconductor	Pb-Free	CD14538BM96		S	SOIC	16
MC14528BF	On Semiconductor		CD14538BNSR		S	SOP-EIAJ-II	16
MC14528BFEL	On Semiconductor		CD14538BNSR		S	SOP-EIAJ-II	16
MC14528BFELG	On Semiconductor	Pb-Free	CD14538BNSR		S	SOP-EIAJ-II	16
MC14528BFG	On Semiconductor	Pb-Free	CD14538BNSR		S	SOP-EIAJ-II	16
MC14532BCP	On Semiconductor		CD4532BE		S	PDIP	
MC14532BCPG	On Semiconductor	Pb-Free	CD4532BE		S	PDIP	16
MC14532BD	On Semiconductor		CD4532BM		S	SOIC	16
MC14532BDG	On Semiconductor	Pb-Free	CD4532BM		S	SOIC	16
MC14532BDR2	On Semiconductor		CD4532BM96		S	SOIC	16
MC14532BDR2G	On Semiconductor	Pb-Free	CD4532BM96		S	SOIC	16
MC14532BF	On Semiconductor	tpd differs	CD4532BNSR		S	SOP	16
MC14532BFEL	On Semiconductor		CD4532BNSR		S	SOP-EIAJ-II	16
MC14532BFELG	On Semiconductor	Pb-Free	CD4532BNSR		S	SOP-EIAJ-II	16
MC14532BFG	On Semiconductor	tpd differs	CD4532BNSR		S	SOP	16
MC14536BCP	On Semiconductor		CD4536BE		S	PDIP	
MC14536BCPG	On Semiconductor	Pb-Free	CD4536BE		S	PDIP	16
MC14536BDW	On Semiconductor		CD4536BDW		S	SOIC	16
MC14536BDWG	On Semiconductor	Pb-Free	CD4536BDW		S	SOIC	16
MC14536BDWR2	On Semiconductor		CD4536BDWR		S	SOIC	16
MC14536BDWR2G	On Semiconductor	Pb-Free	CD4536BDWR		S	SOIC	16
MC14536BF	On Semiconductor	tpd differs	CD4536BNSR		S	SOP	16
MC14536BFEL	On Semiconductor		CD4536BNSR		S	SOP-EIAJ-II	16
MC14536BFELG	On Semiconductor	Pb-Free	CD4536BNSR		S	SOP-EIAJ-II	16
MC14536BFG	On Semiconductor	tpd differs	CD4536BNSR		S	SOP	16
MC14538BCP	On Semiconductor		CD14538BE		S	PDIP	
MC14538BCPG	On Semiconductor	Pb-Free	CD14538BE		S	PDIP	16
MC14538BD	On Semiconductor		CD14538BM		S	SOIC	16
MC14538BDG	On Semiconductor	Pb-Free	CD14538BM		S	SOIC	16
MC14538BDR2	On Semiconductor		CD14538BM96		S	SOIC	16
MC14538BDR2G	On Semiconductor	Pb-Free	CD14538BM96		S	SOIC	16
MC14538BDT	On Semiconductor		CD14538BPW		S	TSSOP	16
MC14538BDT	On Semiconductor		CD14538BPWR		S	TSSOP	
MC14538BDTG	On Semiconductor	Pb-Free	CD14538BPW		S	TSSOP	16
MC14538BDTR2	On Semiconductor		CD14538BPWR		S	TSSOP	
MC14538BDTR2G	On Semiconductor	Pb-Free	CD14538BPWR		S	TSSOP	16
MC14538BDW	On Semiconductor	SOIC-Wide package	CD14538BM	SOIC narrow package	P	SOIC	16

MC14518BF — MC14538BDW

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC14538BDWG	On Semiconductor	Pb-Free, SOIC Wide package	CD14538BM	SOIC-narrow package	P	SOIC	16
MC14538BDWR2	On Semiconductor	SOIC-Wide package	CD14538BM96	SOIC-narrow package	P	SOIC	16
MC14538BDWR2G	On Semiconductor	Pb-Free, SOIC Wide package	CD14538BM96	SOIC-narrow package	P	SOIC	16
MC14538BF	On Semiconductor		CD14538BNSR		S	SOP	16
MC14538BFEL	On Semiconductor		CD14538BNSR		S	SOP-EIAJ-II	16
MC14538BFELG	On Semiconductor	Pb-Free	CD14538BNSR		S	SOP-EIAJ-II	16
MC14538BFG	On Semiconductor		CD14538BNSR		S	SOP	16
MC14541BCP	On Semiconductor		CD4541BE		S	PDIP	
MC14541BCPG	On Semiconductor	Pb-Free	CD4541BE		S	PDIP	14
MC14541BD	On Semiconductor		CD4541BM		S	SOIC	14
MC14541BDG	On Semiconductor	Pb-Free	CD4541BM		S	SOIC	14
MC14541BDR2	On Semiconductor		CD4541BM96		S	SOIC	14
MC14541BDR2G	On Semiconductor	Pb-Free	CD4541BM96		S	SOIC	14
MC14541BDT	On Semiconductor		CD4541BPW		S	TSSOP	14
MC14541BDTG	On Semiconductor	Pb-Free	CD4541BPW		S	TSSOP	14
MC14541BDTR2	On Semiconductor		CD4541BPWR		S	TSSOP	14
MC14541BDTR2G	On Semiconductor	Pb-Free	CD4541BPWR		S	TSSOP	14
MC14541BF	On Semiconductor		CD4541BNSR		S	SOP	14
MC14541BFEL	On Semiconductor		CD4541BNSR		S	SOP-EIAJ-II	14
MC14541BFELG	On Semiconductor	Pb-Free	CD4541BNSR		S	SOP-EIAJ-II	14
MC14541BFG	On Semiconductor		CD4541BNSR		S	SOP	14
MC14543BCP	On Semiconductor		CD4543BE		S	PDIP	16
MC14543BCPG	On Semiconductor	Pb-Free	CD4543BE		S	PDIP	16
MC14543BD	On Semiconductor		CD4543BM		S	SOIC	16
MC14543BDG	On Semiconductor	Pb-Free	CD4543BM		S	SOIC	16
MC14543BDR2	On Semiconductor		CD4543BM96		S	SOIC	16
MC14543BDR2G	On Semiconductor	Pb-Free	CD4543BM96		S	SOIC	16
MC14543BF	On Semiconductor		CD4543BNSR		S	SOP	16
MC14543BFEL	On Semiconductor		CD4543BNSR		S	SOP-EIAJ-II	16
MC14543BFELG	On Semiconductor	Pb-Free	CD4543BNSR		S	SOP-EIAJ-II	16
MC14543BFG	On Semiconductor		CD4543BNSR		S	SOP	16
MC14555BCP	On Semiconductor		CD4555BE		S	PDIP	16
MC14555BCPG	On Semiconductor	Pb-Free	CD4555BE		S	PDIP	16
MC14555BD	On Semiconductor		CD4555BM		S	SOIC	16
MC14555BDG	On Semiconductor	Pb-Free	CD4555BM		S	SOIC	16
MC14555BDR2	On Semiconductor		CD4555BM96		S	SOIC	16
MC14555BDR2G	On Semiconductor	Pb-Free	CD4555BM96		S	SOIC	16
MC14555BF	On Semiconductor		CD4555BNSR		S	SOP	16
MC14555BFEL	On Semiconductor		CD4555BNSR		S	SOP-EIAJ-II	16
MC14555BFELG	On Semiconductor	Pb-Free	CD4555BNSR		S	SOP-EIAJ-II	16
MC14555BFG	On Semiconductor		CD4555BNSR		S	SOP	16
MC14556BCP	On Semiconductor		CD4556BE		S	PDIP	
MC14556BCPG	On Semiconductor	Pb-Free	CD4556BE		S	PDIP	16
MC14556BD	On Semiconductor		CD4556BM		S	SOIC	16
MC14556BDG	On Semiconductor	Pb-Free	CD4556BM		S	SOIC	16
MC14556BDR2	On Semiconductor		CD4556BM96		S	SOIC	16
MC14556BDR2G	On Semiconductor	Pb-Free	CD4556BM96		S	SOIC	16
MC1455BD	On Semiconductor		SA555D		S	SOIC	8
MC1455BDR2	On Semiconductor		SA555DR		S	SOIC	8
MC1455BDR2G	On Semiconductor	Pb-Free	SA555DR		S	SOIC	8
MC1455BP1	On Semiconductor		SA555P		S	PDIP	8
MC1455BP1G	On Semiconductor	Pb-Free	SA555P		S	PDIP	8
MC1455D	On Semiconductor		NE555D		S	SOIC	8
MC1455DG	On Semiconductor	Pb-Free	NE555D		S	SOIC	8
MC1455DR2	On Semiconductor		NE555DR		S	SOIC	8
MC1455DR2G	On Semiconductor	Pb-Free	NE555DR		S	SOIC	8
MC1455P1	On Semiconductor		NE555P		S	PDIP	8
MC1455P1G	On Semiconductor	Pb-Free	NE555P		S	PDIP	8
MC14572UBCP	On Semiconductor		CD4572UBE		S	PDIP	16
MC14572UBCPG	On Semiconductor	Pb-Free	CD4572UBE		S	PDIP	16
MC14572UBD	On Semiconductor		CD4572UBM		S	SOIC	16
MC14572UBDG	On Semiconductor	Pb-Free	CD4572UBM		S	SOIC	16
MC14572UBDR2	On Semiconductor		CD4572UBM96		S	SOIC	16
MC14572UBDR2G	On Semiconductor	Pb-Free	CD4572UBM96		S	SOIC	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC14572UBF	On Semiconductor		CD4572UBNSR		S	SOP-EIAJ-II	16
MC14572UBFEL	On Semiconductor		CD4572UBNSR		S	SOP-EIAJ-II	16
MC14572UBFELG	On Semiconductor	Pb-Free	CD4572UBNSR		S	SOP-EIAJ-II	16
MC14572UBFG	On Semiconductor	Pb-Free	CD4572UBNSR		S	SOP-EIAJ-II	16
MC14584BCP	On Semiconductor	Discontinued 10/02/2001	CD40106BE		S	PDIP	14
MC14584BCPG	On Semiconductor	Pb-Free, Discontinued 10/02/2001	CD40106BE		S	PDIP	14
MC14584BD	On Semiconductor	Discontinued 10/02/2001	CD40106BM		S	SOIC	14
MC14584BDG	On Semiconductor	Pb-Free, Discontinued 10/02/2001	CD40106BM		S	SOIC	14
MC14584BDR2	On Semiconductor	Discontinued 10/02/2001	CD40106BM96		S	SOIC	14
MC14584BDR2G	On Semiconductor	Pb-Free, Discontinued 10/02/2001	CD40106BM96		S	SOIC	14
MC14584BDT	On Semiconductor	Discontinued 10/02/2001	CD40106BPW		S	TSSOP	14
MC14584BDTEL	On Semiconductor	Discontinued 10/02/2001	CD40106BPWR		S	TSSOP	14
MC14584BDTG	On Semiconductor	Pb-Free, Discontinued 10/02/2001	CD40106BPW		S	TSSOP	14
MC14584BDTR2	On Semiconductor	Discontinued 10/02/2001	CD40106BPWR		S	TSSOP	14
MC14584BDTR2G	On Semiconductor	Pb-Free, Discontinued 10/02/2001	CD40106BPWR		S	TSSOP	14
MC14584BF	On Semiconductor	Discontinued 10/02/2001	CD40106BNSR		S	SOP-EIAJ-II	14
MC14584BFEL	On Semiconductor	Discontinued 10/02/2001	CD40106BNSR		S	SOP-EIAJ-II	14
MC14584BFELG	On Semiconductor	Pb-Free, Discontinued 10/02/2001	CD40106BNSR		S	SOP-EIAJ-II	14
MC14584BFG	On Semiconductor	Pb-Free, Discontinued 10/02/2001	CD40106BNSR		S	SOP-EIAJ-II	14
MC14585BCP	On Semiconductor		CD4585BE		S	PDIP	
MC14585BCPG	On Semiconductor	Pb-Free	CD4585BE		S	PDIP	16
MC14585BF	On Semiconductor	Vs differs	CD4585BNSR		S	SOEIAJ	16
MC14585BFEL	On Semiconductor		CD4585BNSR	This package	S	SOP-EIAJ-II	16
MC14585BFELG	On Semiconductor	Pb-Free	CD4585BNSR	This package	S	SOP-EIAJ-II	16
MC14585BFG	On Semiconductor	Pb-Free	CD4585BNSR		S	SOP-EIAJ-II	16
MC1458N	ST Microelectronics (STM)		MC1458P		S	PDIP	
MC3302D	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM3302D		S	SOIC	14
MC3302D-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM3302DR		S	SOIC	14
MC3302N	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM3302N		S	PDIP	14
MC3303D	Fairchild Semiconductor		MC3303D		S	SOIC	14
MC3303DX	Fairchild Semiconductor		MC3303DR		S	SOIC	14
MC3303P	Fairchild Semiconductor		MC3303N		S	PDIP	14
MC33063AD	Fairchild Semiconductor	NRND	MC33063AD		S	SOIC	8
MC33063AD	On Semiconductor		MC33063AD		S	SOIC	8
MC33063ADG	On Semiconductor	Pb-Free	MC33063AD		S	SOIC	8
MC33063ADR2	On Semiconductor		MC33063ADR		S	SOIC	8
MC33063ADR2G	On Semiconductor	Pb-Free	MC33063ADR		S	SOIC	8
MC33063ADX	Fairchild Semiconductor	NRND	MC33063ADR		S	SOIC	8
MC33063AP	Fairchild Semiconductor	NRND	MC33063AP		S	PDIP	8
MC33063AP1	On Semiconductor		MC33063AP		S	PDIP	8
MC33063AP1G	On Semiconductor	Pb-Free	MC33063AP		S	PDIP	8
MC33063AVD	On Semiconductor		MC33063AD		S	SOIC	8
MC33063AVDG	On Semiconductor	Pb-Free	MC33063AD		S	SOIC	8
MC33063AVDR2	On Semiconductor		MC33063ADR		S	SOIC	8
MC33063AVDR2G	On Semiconductor	Pb-Free	MC33063ADR		S	SOIC	8
MC33063AVP	On Semiconductor		MC33063AP		S	PDIP	8
MC33063AVPG	On Semiconductor	Pb-Free	MC33063AP		S	PDIP	8
MC33074AD	On Semiconductor		TL3474AID		Q	SOIC	14
MC33074ADG	On Semiconductor	Pb-Free	TL3474AID		Q	SOIC	14
MC33074ADR2	On Semiconductor		TL3474AIDR		Q	SOIC	14
MC33074ADR2G	On Semiconductor	Pb-Free	TL3474AIDR		Q	SOIC	14
MC33074ADTB	On Semiconductor		TL3474AIPWR		Q	TSSOP	14
MC33074ADTBG	On Semiconductor	Pb-Free	TL3474AIPWR		Q	TSSOP	14
MC33074ADTBR2	On Semiconductor		TL3474AIPWR		Q	TSSOP	14
MC33074ADTBR2G	On Semiconductor	Pb-Free	TL3474AIPWR		Q	TSSOP	14
MC33074AP	On Semiconductor		TL3474AIN		Q	PDIP	14
MC33074APG	On Semiconductor	Pb-Free	TL3474AIN		Q	PDIP	14
MC33074D	On Semiconductor		TL3474ID		Q	SOIC	14
MC33074DG	On Semiconductor	Pb-Free	TL3474ID		Q	SOIC	14
MC33074DR2	On Semiconductor		TL3474IDR		Q	SOIC	14
MC33074DR2G	On Semiconductor	Pb-Free	TL3474IDR		Q	SOIC	14
MC33074DTB	On Semiconductor		TL3474IPWR		Q	TSSOP	14
MC33074DTBG	On Semiconductor	Pb-Free	TL3474IPWR		Q	TSSOP	14
MC33074DTBR2	On Semiconductor		TL3474IPWR		Q	TSSOP	14

MC14572UBF — MC33074DBR2

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC33074DTBR2G	On Semiconductor	Pb-Free	TL3474IPWR		Q	TSSOP	14
MC33074P	On Semiconductor		TL3474IN		Q	PDIP	14
MC33074PG	On Semiconductor	Pb-Free	TL3474IN		Q	PDIP	14
MC33078D	On Semiconductor		MC33078D		S	SOIC	8
MC33078D	ST Microelectronics (STM)		MC33078D		S	SOIC	8
MC33078DG	On Semiconductor	Pb-Free	MC33078D		S	SOIC	8
MC33078DR2	On Semiconductor		MC33078DR		S	SOIC	8
MC33078DR2G	On Semiconductor	Pb-Free	MC33078DR		S	SOIC	8
MC33078DT	ST Microelectronics (STM)		MC33078DR		S	SOIC	8
MC33078N	ST Microelectronics (STM)		MC33078P		S	PDIP	8
MC33078P	On Semiconductor		MC33078P		S	PDIP	8
MC33078PG	On Semiconductor	Pb-Free	MC33078P		S	PDIP	8
MC33269DT	On Semiconductor	Higher Vin max	TLV1117IKVURG3	Lower Vin max	S	TO-252/DPAK	4
MC33269DT-3.3	On Semiconductor	Higher Vin max	TLV1117-33IKVURG3	Lower Vin max	S	TO-252/DPAK	4
MC33269DT-3.3G	On Semiconductor	Higher Vin max	TLV1117-33IKVURG3	Lower Vin max	S	TO-252/DPAK	4
MC33269DT-5.0	On Semiconductor	Higher Vin max	TLV1117-50IKVURG3	Lower Vin max	S	TO-252/DPAK	4
MC33269DT-5.0G	On Semiconductor	Higher Vin max	TLV1117-50IKVURG3	Lower Vin max	S	TO-252/DPAK	4
MC33269DTG	On Semiconductor	Higher Vin max	TLV1117IKVURG3	Lower Vin max	S	TO-252/DPAK	4
MC33269DTRK	On Semiconductor	Higher Vin max	TLV1117IKVURG3	Lower Vin max	S	TO-252/DPAK	4
MC33269DTRK-3.3	On Semiconductor	Higher Vin max	TLV1117-33IKVURG3	Lower Vin max	S	TO-252/DPAK	4
MC33269DTRK-3.3G	On Semiconductor	Higher Vin max	TLV1117-33IKVURG3	Lower Vin max	S	TO-252/DPAK	4
MC33269DTRK-5.0	On Semiconductor	Higher Vin max	TLV1117-50IKVURG3	Lower Vin max	S	TO-252/DPAK	4
MC33269DTRK-5.0G	On Semiconductor	Higher Vin max	TLV1117-50IKVURG3	Lower Vin max	S	TO-252/DPAK	4
MC33269DTRKG	On Semiconductor	Higher Vin max	TLV1117IKVURG3	Lower Vin max	S	TO-252/DPAK	4
MC33269ST-3.3T3	On Semiconductor	Higher Vin max	TLV1117-33IDCYR	Lower Vin max	S	SOT-223	4
MC33269ST-3.3T3G	On Semiconductor	Higher Vin max	TLV1117-33IDCYR	Lower Vin max	S	SOT-223	4
MC33269T	On Semiconductor	Higher Vin max	TLV1117IKCS	Lower Vin max	S	TO-220	3
MC33269TG	On Semiconductor	Higher Vin max	TLV1117IKCS	Lower Vin max	S	TO-220	3
MC3403D	Fairchild Semiconductor		MC3403D		S	SOIC	14
MC3403DX	Fairchild Semiconductor		MC3403DR		S	SOIC	14
MC3403P	Fairchild Semiconductor		MC3403N		S	PDIP	14
MC34063ABD	ST Microelectronics (STM)		MC33063AD		S	SOIC	8
MC34063ABD-TR	ST Microelectronics (STM)		MC33063ADR		S	SOIC	8
MC34063ABN	ST Microelectronics (STM)		MC33063AP		S	PDIP	8
MC34063ACD	ST Microelectronics (STM)		MC34063AD		S	SOIC	8
MC34063ACD-TR	ST Microelectronics (STM)		MC34063ADR		S	SOIC	8
MC34063ACN	ST Microelectronics (STM)		MC34063AP		S	PDIP	8
MC34063AD	Fairchild Semiconductor	NRND	MC34063AD		S	SOIC	8
MC34063AD	On Semiconductor		MC34063AD		S	SOIC	8
MC34063ADG	On Semiconductor	Pb-Free	MC34063AD		S	SOIC	8
MC34063ADR2	On Semiconductor		MC34063ADR		S	SOIC	8
MC34063ADR2G	On Semiconductor	Pb-Free	MC34063ADR		S	SOIC	8
MC34063ADX	Fairchild Semiconductor	NRND	MC34063ADR		S	SOIC	8
MC34063AP	Fairchild Semiconductor	NRND	MC34063AP		S	PDIP	8
MC34063AP1	On Semiconductor		MC34063AP		S	PDIP	8
MC34063AP1G	On Semiconductor	Pb-Free	MC34063AP		S	PDIP	8
MC34063BD	On Semiconductor		MC34063AD		S	SOIC	8
MC34063BDG	On Semiconductor	Pb-Free	MC34063AD		S	SOIC	8
MC34063BDR2	On Semiconductor		MC34063ADR		S	SOIC	8
MC34063BDR2G	On Semiconductor	Pb-Free	MC34063ADR		S	SOIC	8
MC34063EBD	ST Microelectronics (STM)		MC33063AD		S	SOIC	8
MC34063EBD-TR	ST Microelectronics (STM)		MC33063ADR		S	SOIC	8
MC34063EBN	ST Microelectronics (STM)		MC33063AP		S	PDIP	8
MC34063ECD	ST Microelectronics (STM)		MC34063AD		S	SOIC	8
MC34063ECD-TR	ST Microelectronics (STM)		MC34063ADR		S	SOIC	8
MC34063ECN	ST Microelectronics (STM)		MC34063AP		S	PDIP	8
MC34072D	On Semiconductor		TL3472CD		Q	SOIC	8
MC34072DG	On Semiconductor	Pb-Free	TL3472CD		Q	SOIC	8
MC34072DR2	On Semiconductor		TL3472CDR		Q	SOIC	8
MC34072DR2G	On Semiconductor	Pb-Free	TL3472CDR		Q	SOIC	8
MC34072P	On Semiconductor		TL3472CP		Q	PDIP	8
MC34072PG	On Semiconductor	Pb-Free	TL3472CP		Q	PDIP	8
MC34072VD	On Semiconductor		TL3472ID		Q	SOIC	8
MC34072VDG	On Semiconductor	Pb-Free	TL3472ID		Q	SOIC	8

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC34072VDR2	On Semiconductor	Pb-Free	TL3472IDR		Q	SOIC	8
MC34072VDR2G	On Semiconductor	Pb-Free	TL3472IDR		Q	SOIC	8
MC34072VP	On Semiconductor		TL3472IP		Q	PDIP	8
MC34072VPG	On Semiconductor	Pb-Free	TL3472IP		Q	PDIP	8
MC34074AD	On Semiconductor		TL3474ACD		Q	SOIC	14
MC34074ADR2	On Semiconductor		TL3474ACDR		Q	SOIC	14
MC34074AP	On Semiconductor		TL3474ACN		Q	PDIP	14
MC34074D	On Semiconductor		TL3474CD		Q	SOIC	14
MC34074DG	On Semiconductor	Pb-Free	TL3474CD		Q	SOIC	14
MC34074DR2	On Semiconductor		TL3474CDR		Q	SOIC	14
MC34074DR2G	On Semiconductor	Pb-Free	TL3474CDR		Q	SOIC	14
MC34074P	On Semiconductor		TL3474CN		Q	PDIP	14
MC34074PG	On Semiconductor	Pb-Free	TL3474CN		Q	PDIP	14
MC34074VD	On Semiconductor		TL3474ID		Q	SOIC	14
MC34074VDG	On Semiconductor	Pb-Free	TL3474ID		Q	SOIC	14
MC34074VDR2	On Semiconductor		TL3474IDR		Q	SOIC	14
MC34074VDR2G	On Semiconductor	Pb-Free	TL3474IDR		Q	SOIC	14
MC34074VP	On Semiconductor		TL3474IN		Q	PDIP	14
MC34074VPG	On Semiconductor	Pb-Free	TL3474IN		Q	PDIP	14
MC4558CN	ST Microelectronics (STM)	Av, GBW, Vs differ	RC4558P		S	PDIP	8
MC54HC393J	On Semiconductor		SN74HC393N	PDIP not CDIP	S	CDIP	14
MC74AC00D	On Semiconductor		CD74AC00M		S	SOIC	14
MC74AC00D	On Semiconductor		SN74AC00D		S	SOIC	14
MC74AC00D	On Semiconductor		SN74AC00DE4		S	SOIC	14
MC74AC00DG	On Semiconductor	Pb-Free	CD74AC00M		S	SOIC	14
MC74AC00DG	On Semiconductor		SN74AC00D		S	SOIC	14
MC74AC00DG	On Semiconductor		SN74AC00DE4		S	SOIC	14
MC74AC00DR2	On Semiconductor		CD74AC00M96		S	SOIC	14
MC74AC00DR2	On Semiconductor		SN74AC00DR		S	SOIC	14
MC74AC00DR2	On Semiconductor		SN74AC00DRE4		S	SOIC	14
MC74AC00DR2G	On Semiconductor	Pb-Free	CD74AC00M96		S	SOIC	14
MC74AC00DR2G	On Semiconductor		SN74AC00DR		S	SOIC	14
MC74AC00DR2G	On Semiconductor		SN74AC00DRE4		S	SOIC	14
MC74AC00DT	On Semiconductor	Discontinued	SN74AC00PW		S	TSSOP	14
MC74AC00DTEL	On Semiconductor	Discontinued	SN74AC00PWR		S	TSSOP	14
MC74AC00DTR2	On Semiconductor		SN74AC00PWR		S	TSSOP	14
MC74AC00DTR2G	On Semiconductor	Pb-Free	SN74AC00PWR		S	TSSOP	14
MC74AC00M	On Semiconductor	Discontinued	SN74AC00NSR		S	SOP-EIAJ-II	14
MC74AC00MEL	On Semiconductor		SN74AC00NSR		S	SOP-EIAJ-II	14
MC74AC00MELG	On Semiconductor	Pb-Free	SN74AC00NSR		S	SOP-EIAJ-II	14
MC74AC00N	On Semiconductor		CD74AC00E		S	PDIP	14
MC74AC00NG	On Semiconductor	Pb-Free	CD74AC00E		S	PDIP	14
MC74AC02D	On Semiconductor		CD74AC02M		S	SOIC	14
MC74AC02DG	On Semiconductor	Pb-Free	CD74AC02M		S	SOIC	14
MC74AC02DR2	On Semiconductor		CD74AC02M96		S	SOIC	14
MC74AC02DR2G	On Semiconductor	Pb-Free	CD74AC02M96		S	SOIC	14
MC74AC02N	On Semiconductor		CD74AC02E		S	PDIP	14
MC74AC02NG	On Semiconductor	Pb-Free	CD74AC02E		S	PDIP	14
MC74AC04D	On Semiconductor		CD74AC04M		S	SOIC	14
MC74AC04D	On Semiconductor		SN74AC04D		S	SOIC	14
MC74AC04DG	On Semiconductor	Pb-Free	CD74AC04M		S	SOIC	14
MC74AC04DR2	On Semiconductor		CD74AC04M96		S	SOIC	14
MC74AC04DR2	On Semiconductor		SN74AC04DR		S	SOIC	14
MC74AC04DR2G	On Semiconductor	Pb-Free	CD74AC04M96		S	SOIC	14
MC74AC04DT	On Semiconductor		SN74AC04PW		S	TSSOP	14
MC74AC04DTEL	On Semiconductor		SN74AC04PWR		S	TSSOP	14
MC74AC04DTELG	On Semiconductor	Pb-Free	SN74AC04PWR		S	TSSOP	14
MC74AC04DTG	On Semiconductor	Pb-Free	SN74AC04PW		S	TSSOP	14
MC74AC04DTR2	On Semiconductor		SN74AC04PWR		S	TSSOP	14
MC74AC04DTR2G	On Semiconductor	Pb-Free	SN74AC04PWR		S	TSSOP	14
MC74AC04M	On Semiconductor		SN74AC04D		S	SOEIAJ	14
MC74AC04M	On Semiconductor		SN74AC04NSR		S	SOEIAJ	14
MC74AC04MEL	On Semiconductor		SN74AC04DR		S	SOEIAJ	14
MC74AC04MEL	On Semiconductor		SN74AC04NSR		S	SOP-EIAJ-II	14

MC34072VDR2 — MC74AC04MEL

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74AC04MELG	On Semiconductor	Pb-Free	SN74AC04NSR		S	SOP-EIAJ-II	14
MC74AC04MG	On Semiconductor		SN74AC04NSR		S	SOEIAJ	14
MC74AC04N	On Semiconductor		CD74AC04E		S	PDIP	14
MC74AC04N	On Semiconductor		SN74AC04N		S	PDIP	14
MC74AC04NG	On Semiconductor	Pb-Free	CD74AC04E		S	PDIP	14
MC74AC05D	On Semiconductor		CD74AC05M		S	SOIC	14
MC74AC05DG	On Semiconductor	Pb-Free	CD74AC05M		S	SOIC	14
MC74AC05DR2	On Semiconductor		CD74AC05M96		S	SOIC	14
MC74AC05DR2G	On Semiconductor	Pb-Free	CD74AC05M96		S	SOIC	14
MC74AC05N	On Semiconductor		CD74AC05E		S	PDIP	14
MC74AC05NG	On Semiconductor	Pb-Free	CD74AC05E		S	PDIP	14
MC74AC08D	On Semiconductor		CD74AC08M		S	SOIC	14
MC74AC08D	On Semiconductor		SN74AC08D		S	SOIC	14
MC74AC08DG	On Semiconductor	Pb-Free	CD74AC08M		S	SOIC	14
MC74AC08DG	On Semiconductor		SN74AC08D		S	SOIC	14
MC74AC08DR2	On Semiconductor		CD74AC08M96		S	SOIC	14
MC74AC08DR2	On Semiconductor		SN74AC08DR		S	SOIC	14
MC74AC08DR2G	On Semiconductor	Pb-Free	CD74AC08M96		S	SOIC	14
MC74AC08DR2G	On Semiconductor		SN74AC08DR		S	SOIC	14
MC74AC08DT	On Semiconductor		SN74AC08PW		S	TSSOP	14
MC74AC08DTEL	On Semiconductor		SN74AC08PWR		S	TSSOP	14
MC74AC08DTELG	On Semiconductor	Pb-Free	SN74AC08PWR		S	TSSOP	14
MC74AC08DTG	On Semiconductor	Pb-Free	SN74AC08PW		S	TSSOP	14
MC74AC08DTR2	On Semiconductor		SN74AC08PWR		S	TSSOP	14
MC74AC08DTR2	On Semiconductor		SN74AC08PWRE4		S	TSSOP	14
MC74AC08DTR2G	On Semiconductor	Pb-Free	SN74AC08PWR		S	TSSOP	14
MC74AC08DTR2G	On Semiconductor		SN74AC08PWRE4		S	TSSOP	14
MC74AC08M	On Semiconductor		SN74AC08NSR		S	SOP-EIAJ-II	14
MC74AC08MEL	On Semiconductor		SN74AC08NSR		S	SOP-EIAJ-II	14
MC74AC08MEL	On Semiconductor		SN74AC08NSRE4		S	SOP-EIAJ-II	14
MC74AC08MELG	On Semiconductor	Pb-Free	SN74AC08NSR		S	SOP-EIAJ-II	14
MC74AC08MG	On Semiconductor	Pb-Free	SN74AC08NSR		S	SOP-EIAJ-II	14
MC74AC08N	On Semiconductor		CD74AC08E		S	PDIP	14
MC74AC08N	On Semiconductor		SN74AC08N		S	PDIP	14
MC74AC08NG	On Semiconductor	Pb-Free	CD74AC08E		S	PDIP	14
MC74AC08NG	On Semiconductor		SN74AC08N		S	PDIP	14
MC74AC109D	On Semiconductor		CD74AC109M96		S	SOIC	16
MC74AC109DG	On Semiconductor	Pb-Free	CD74AC109M96		S	SOIC	16
MC74AC109DR2	On Semiconductor		CD74AC109M96		S	SOIC	16
MC74AC109DR2	On Semiconductor	tpd differs	CD74AC109M96E4		S	SOIC	16
MC74AC109DR2G	On Semiconductor	Pb-Free	CD74AC109M96		S	SOIC	16
MC74AC109N	On Semiconductor		CD74AC109E		S	PDIP	16
MC74AC109NG	On Semiconductor	Pb-Free	CD74AC109E		S	PDIP	16
MC74AC10D	On Semiconductor		CD74AC10M		S	SOIC	14
MC74AC10D	On Semiconductor		SN74AC10D		S	SOIC	14
MC74AC10D	On Semiconductor		SN74AC10DE4		S	SOIC	14
MC74AC10DG	On Semiconductor	Pb-Free	CD74AC10M		S	SOIC	14
MC74AC10DG	On Semiconductor		SN74AC10D		S	SOIC	14
MC74AC10DG	On Semiconductor		SN74AC10DE4		S	SOIC	14
MC74AC10DR2	On Semiconductor		CD74AC10M96		S	SOIC	14
MC74AC10DR2	On Semiconductor		SN74AC10DR		S	SOIC	14
MC74AC10DR2	On Semiconductor		SN74AC10DRE4		S	SOIC	14
MC74AC10DR2G	On Semiconductor	Pb-Free	CD74AC10M96		S	SOIC	14
MC74AC10DR2G	On Semiconductor		SN74AC10DR		S	SOIC	14
MC74AC10DR2G	On Semiconductor		SN74AC10DRE4		S	SOIC	14
MC74AC10DT	On Semiconductor		SN74AC10PW		S	TSSOP	14
MC74AC10DTR2	On Semiconductor		SN74AC10PWR		S	TSSOP	14
MC74AC10DTR2	On Semiconductor		SN74AC10PWRE4		S	TSSOP	14
MC74AC10M	On Semiconductor		SN74AC10NSR		S	SOP-EIAJ-II	14
MC74AC10MEL	On Semiconductor		SN74AC10NSR		S	SOP-EIAJ-II	14
MC74AC10MEL	On Semiconductor		SN74AC10NSRE4		S	SOP-EIAJ-II	14
MC74AC10MELG	On Semiconductor	Pb-Free	SN74AC10NSR		S	SOP-EIAJ-II	14
MC74AC10MG	On Semiconductor	Pb-Free	SN74AC10NSR		S	SOP-EIAJ-II	14
MC74AC10N	On Semiconductor		CD74AC10E		S	PDIP	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74AC10N	On Semiconductor		SN74AC10N		S	PDIP	14
MC74AC10NG	On Semiconductor	Pb-Free	CD74AC10E		S	PDIP	14
MC74AC112D	Motorola (MOT)	Discontinued	CD74AC112M		S	SOIC	16
MC74AC112D	On Semiconductor	tpd differs	CD74AC112M		S	SOIC	16
MC74AC112D	On Semiconductor	tpd differs	CD74AC112ME4		S	SOIC	16
MC74AC112DR2	Motorola (MOT)	Discontinued	CD74AC112M96		S	SOIC	16
MC74AC112DR2	On Semiconductor	tpd differs	CD74AC112M96		S	SOIC	16
MC74AC112N	Motorola (MOT)	Discontinued	CD74AC112E		S	PDIP	16
MC74AC112N	On Semiconductor	tpd differs	CD74AC112E		S	PDIP	16
MC74AC11D	On Semiconductor		SN74AC11D		S	SOIC	14
MC74AC11D	On Semiconductor		SN74AC11DE4		S	SOIC	14
MC74AC11DG	On Semiconductor	Pb-Free	SN74AC11D		S	SOIC	14
MC74AC11DG	On Semiconductor		SN74AC11DE4		S	SOIC	14
MC74AC11DR2	On Semiconductor		SN74AC11DR		S	SOIC	14
MC74AC11DR2	On Semiconductor		SN74AC11DRE4		S	SOIC	14
MC74AC11DR2G	On Semiconductor	Pb-Free	SN74AC11DR		S	SOIC	14
MC74AC11DR2G	On Semiconductor		SN74AC11DRE4		S	SOIC	14
MC74AC11DTR2	On Semiconductor		SN74AC11PWR		S	TSSOP	14
MC74AC11DTR2	On Semiconductor		SN74AC11PWRE4		S	TSSOP	14
MC74AC11M	On Semiconductor		SN74AC11NSR		S	SOP-EIAJ-II	14
MC74AC11MEL	On Semiconductor		SN74AC11NSR		S	SOP-EIAJ-II	14
MC74AC11MEL	On Semiconductor		SN74AC11NSRE4		S	SOP-EIAJ-II	14
MC74AC11MELG	On Semiconductor	Pb-Free	SN74AC11NSR		S	SOP-EIAJ-II	14
MC74AC11MELG	On Semiconductor		SN74AC11NSRE4		S	SOP-EIAJ-II	14
MC74AC11MG	On Semiconductor	Pb-Free	SN74AC11NSR		S	SOP-EIAJ-II	14
MC74AC11N	On Semiconductor		SN74AC11N		S	PDIP	14
MC74AC11NG	On Semiconductor	Pb-Free	SN74AC11N		S	PDIP	14
MC74AC138D	On Semiconductor		CD74AC138M		S	SOIC	16
MC74AC138DG	On Semiconductor	Pb-Free	CD74AC138M		S	SOIC	16
MC74AC138DR2	On Semiconductor		CD74AC138M96		S	SOIC	16
MC74AC138DR2G	On Semiconductor	Pb-Free	CD74AC138M96		S	SOIC	16
MC74AC138N	On Semiconductor		CD74AC138E		S	PDIP	16
MC74AC138NG	On Semiconductor	Pb-Free	CD74AC138E		S	PDIP	16
MC74AC139D	On Semiconductor		CD74AC139M		S	SOIC	16
MC74AC139DG	On Semiconductor	Pb-Free	CD74AC139M		S	SOIC	16
MC74AC139DR2	On Semiconductor		CD74AC139M96		S	SOIC	16
MC74AC139DR2G	On Semiconductor	Pb-Free	CD74AC139M96		S	SOIC	16
MC74AC139N	On Semiconductor		CD74AC139E		S	PDIP	16
MC74AC139NG	On Semiconductor	Pb-Free	CD74AC139E		S	PDIP	16
MC74AC14D	On Semiconductor		CD74AC14M		S	SOIC	14
MC74AC14D	On Semiconductor		SN74AC14D		S	SOIC	14
MC74AC14DG	On Semiconductor	Pb-Free	CD74AC14M		S	SOIC	14
MC74AC14DR2	On Semiconductor		CD74AC14M96		S	SOIC	14
MC74AC14DR2	On Semiconductor		SN74AC14DR		S	SOIC	14
MC74AC14DR2G	On Semiconductor	Pb-Free	CD74AC14M96		S	SOIC	14
MC74AC14DT	On Semiconductor		SN74AC14PW		S	TSSOP	14
MC74AC14DTG	On Semiconductor	Pb-Free	SN74AC14PW		S	TSSOP	14
MC74AC14DTR2	On Semiconductor		SN74AC14PWR		S	TSSOP	14
MC74AC14DTR2G	On Semiconductor	Pb-Free	SN74AC14PWR		S	TSSOP	14
MC74AC14M	On Semiconductor		SN74AC14D		S	SOEIAJ	14
MC74AC14M	On Semiconductor		SN74AC14NSR		S	SOEIAJ	14
MC74AC14MEL	On Semiconductor		SN74AC14DR		S	SOEIAJ	14
MC74AC14MEL	On Semiconductor		SN74AC14NSR		S	SOP-EIAJ-II	14
MC74AC14MELG	On Semiconductor	Pb-Free	SN74AC14NSR		S	SOP-EIAJ-II	14
MC74AC14MG	On Semiconductor		SN74AC14NSR		S	SOEIAJ	14
MC74AC14N	On Semiconductor		CD74AC14E		S	PDIP	14
MC74AC14N	On Semiconductor		SN74AC14N		S	PDIP	14
MC74AC14NG	On Semiconductor	Pb-Free	CD74AC14E		S	PDIP	14
MC74AC151D	On Semiconductor	tpd differs	CD74AC151M96		S	SOIC	16
MC74AC151DG	On Semiconductor	tpd differs	CD74AC151M96		S	SOIC	16
MC74AC151DR2	On Semiconductor		CD74AC151M96		S	SOIC	16
MC74AC151DR2G	On Semiconductor	Pb-Free	CD74AC151M96		S	SOIC	16
MC74AC151N	On Semiconductor		CD74AC151E		S	PDIP	16
MC74AC151NG	On Semiconductor	Pb-Free	CD74AC151E		S	PDIP	16

MC74AC10N — MC74AC151NG

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74AC153D	On Semiconductor		CD74AC153M		S	SOIC	16
MC74AC153DG	On Semiconductor	Pb-Free	CD74AC153M		S	SOIC	16
MC74AC153DR2	On Semiconductor		CD74AC153M96		S	SOIC	16
MC74AC153DR2G	On Semiconductor	Pb-Free	CD74AC153M96		S	SOIC	16
MC74AC153N	On Semiconductor		CD74AC153E		S	PDIP	16
MC74AC153NG	On Semiconductor	Pb-Free	CD74AC153E		S	PDIP	16
MC74AC157D	On Semiconductor		CD74AC157M		S	SOIC	16
MC74AC157DG	On Semiconductor	Pb-Free	CD74AC157M		S	SOIC	16
MC74AC157DR2	On Semiconductor		CD74AC157M96		S	SOIC	16
MC74AC157DR2G	On Semiconductor	Pb-Free	CD74AC157M96		S	SOIC	16
MC74AC157N	On Semiconductor		CD74AC157E		S	PDIP	16
MC74AC157NG	On Semiconductor	Pb-Free	CD74AC157E		S	PDIP	16
MC74AC158D	Motorola (MOT)	Discontinued	CD74AC158M		S	SOIC	16
MC74AC158D	On Semiconductor	tpd differs	CD74AC158M		S	SOIC	16
MC74AC158DR2	Motorola (MOT)	Discontinued	CD74AC158M	Not available reeled, use tubed	S	SOIC	16
MC74AC158DR2	On Semiconductor	tpd differs	CD74AC158M		S	SOIC	16
MC74AC161D	On Semiconductor		CD74AC161M		S	SOIC	16
MC74AC161DG	On Semiconductor	Pb-Free	CD74AC161M		S	SOIC	16
MC74AC161DR2	On Semiconductor		CD74AC161M96		S	SOIC	16
MC74AC161DR2G	On Semiconductor	Pb-Free	CD74AC161M96		S	SOIC	16
MC74AC161N	On Semiconductor		CD74AC161E		S	PDIP	16
MC74AC161NG	On Semiconductor	Pb-Free	CD74AC161E		S	PDIP	16
MC74AC163D	On Semiconductor		CD74AC163M		S	SOIC	16
MC74AC163DG	On Semiconductor	Pb-Free	CD74AC163M		S	SOIC	16
MC74AC163DR2	On Semiconductor		CD74AC163M96		S	SOIC	16
MC74AC163DR2G	On Semiconductor	Pb-Free	CD74AC163M96		S	SOIC	16
MC74AC163N	On Semiconductor		CD74AC163E		S	PDIP	16
MC74AC163NG	On Semiconductor	Pb-Free	CD74AC163E		S	PDIP	16
MC74AC174D	On Semiconductor		CD74AC174M		S	SOIC	16
MC74AC174D	On Semiconductor	tpd differs	CD74AC174ME4		S	SOIC	16
MC74AC174DG	On Semiconductor	Pb-Free	CD74AC174M		S	SOIC	16
MC74AC174DR2	On Semiconductor		CD74AC174M96		S	SOIC	16
MC74AC174DR2	On Semiconductor	tpd differs	CD74AC174M96E4		S	SOIC	16
MC74AC174DR2G	On Semiconductor	Pb-Free	CD74AC174M96		S	SOIC	16
MC74AC174N	On Semiconductor		CD74AC174E		S	PDIP	16
MC74AC174NG	On Semiconductor	Pb-Free	CD74AC174E		S	PDIP	16
MC74AC175D	On Semiconductor		CD74AC175M		S	SOIC	16
MC74AC175D	On Semiconductor	tpd differs	CD74AC175ME4		S	SOIC	16
MC74AC175DG	On Semiconductor	Pb-Free	CD74AC175M		S	SOIC	16
MC74AC175DR2	On Semiconductor		CD74AC175M96		S	SOIC	16
MC74AC175DR2	On Semiconductor	tpd differs	CD74AC175M96E4		S	SOIC	16
MC74AC175DR2G	On Semiconductor	Pb-Free	CD74AC175M96		S	SOIC	16
MC74AC175M	On Semiconductor		CD74AC175NSR		S	SOP-EIAJ-II	16
MC74AC175MEL	On Semiconductor		CD74AC175NSR		S	SOP-EIAJ-II	16
MC74AC175MELG	On Semiconductor	Pb-Free	CD74AC175NSR		S	SOP-EIAJ-II	16
MC74AC175MG	On Semiconductor	Pb-Free	CD74AC175NSR		S	SOP-EIAJ-II	16
MC74AC20D	On Semiconductor		CD74AC20M		S	SOIC	14
MC74AC20DG	On Semiconductor	Pb-Free	CD74AC20M		S	SOIC	14
MC74AC20DR2	On Semiconductor		CD74AC20M96		S	SOIC	14
MC74AC20DR2G	On Semiconductor	Pb-Free	CD74AC20M96		S	SOIC	14
MC74AC20N	On Semiconductor		CD74AC20E		S	PDIP	14
MC74AC20NG	On Semiconductor	Pb-Free	CD74AC20E		S	PDIP	14
MC74AC240DT	On Semiconductor		SN74AC240PW		S	TSSOP	20
MC74AC240DTG	On Semiconductor	Pb-Free	SN74AC240PW		S	TSSOP	20
MC74AC240DTR2	On Semiconductor		SN74AC240PWR		S	TSSOP	20
MC74AC240DTR2G	On Semiconductor	Pb-Free	SN74AC240PWR		S	TSSOP	20
MC74AC240DW	On Semiconductor	tpd, Vs differ	CD74AC240M		S	SOIC	20
MC74AC240DW	On Semiconductor	tpd differs	SN74AC240DW		S	SOIC	20
MC74AC240DWG	On Semiconductor	tpd, Vs differ	CD74AC240M		S	SOIC	20
MC74AC240DWR2	On Semiconductor	tpd, Vs differ	CD74AC240M96		S	SOIC	20
MC74AC240DWR2	On Semiconductor	tpd differs	SN74AC240DWR		S	SOIC	20
MC74AC240DWR2G	On Semiconductor	tpd, Vs differ	CD74AC240M96		S	SOIC	20
MC74AC240M	On Semiconductor		SN74AC240NSR		S	SOP-EIAJ-II	20
MC74AC240MEL	On Semiconductor		SN74AC240NSR		S	SOP-EIAJ-II	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74AC240MELG	On Semiconductor	Pb-Free	SN74AC240NSR		S	SOP-EIAJ-II	20
MC74AC240MG	On Semiconductor	Pb-Free	SN74AC240NSR		S	SOP-EIAJ-II	20
MC74AC240N	On Semiconductor	tpd, Vs differ	CD74AC240E		S	PDIP	20
MC74AC240N	On Semiconductor	tpd differs	SN74AC240N		S	PDIP	20
MC74AC240NG	On Semiconductor	tpd, Vs differ	CD74AC240E		S	PDIP	20
MC74AC241DW	Motorola (MOT)	Discontinued	SN74AC241DW		S	SOIC	20
MC74AC241DW	On Semiconductor		SN74AC241DW		S	SOIC	20
MC74AC241DWR2	Motorola (MOT)	Discontinued	SN74AC241DWR		S	SOIC	20
MC74AC241DWR2	On Semiconductor		SN74AC241DWR		S	SOIC	20
MC74AC241N	Motorola (MOT)	Discontinued	SN74AC241N		S	PDIP	20
MC74AC241N	On Semiconductor		SN74AC241N		S	PDIP	20
MC74AC244DT	On Semiconductor		SN74AC244PW		S	TSSOP	20
MC74AC244DTEL	On Semiconductor		SN74AC244PWR		S	TSSOP	20
MC74AC244DTELG	On Semiconductor	Pb-Free	SN74AC244PWR		S	TSSOP	20
MC74AC244DTG	On Semiconductor	Pb-Free	SN74AC244PW		S	TSSOP	20
MC74AC244DTR2	On Semiconductor		SN74AC244PWR		S	TSSOP	20
MC74AC244DTR2G	On Semiconductor	Pb-Free	SN74AC244PWR		S	TSSOP	20
MC74AC244DW	On Semiconductor	tpd, Vs differ	CD74AC244M		S	SOIC	20
MC74AC244DW	On Semiconductor		SN74AC244DW		S	SOIC	20
MC74AC244DWG	On Semiconductor	tpd differs	CD74AC244M		S	SOIC	20
MC74AC244DWR2	On Semiconductor	tpd, Vs differ	CD74AC244M96		S	SOIC	20
MC74AC244DWR2	On Semiconductor		SN74AC244DWR		S	SOIC	20
MC74AC244DWR2G	On Semiconductor	tpd differs	CD74AC244M96		S	SOIC	20
MC74AC244M	On Semiconductor		SN74AC244NSR		S	SOP-EIAJ-II	20
MC74AC244MEL	On Semiconductor		SN74AC244NSR		S	SOP-EIAJ-II	20
MC74AC244MELG	On Semiconductor	Pb-Free	SN74AC244NSR		S	SOP-EIAJ-II	20
MC74AC244MG	On Semiconductor	Pb-Free	SN74AC244NSR		S	SOP-EIAJ-II	20
MC74AC244N	On Semiconductor	tpd, Vs differ	CD74AC244E		S	PDIP	20
MC74AC244N	On Semiconductor		SN74AC244N		S	PDIP	20
MC74AC244NG	On Semiconductor	tpd differs	CD74AC244E		S	PDIP	20
MC74AC245DT	On Semiconductor		SN74AC245PW		S	TSSOP	20
MC74AC245DTG	On Semiconductor	Pb-Free	SN74AC245PW		S	TSSOP	20
MC74AC245DTR2	On Semiconductor		SN74AC245PWR		S	TSSOP	20
MC74AC245DTR2G	On Semiconductor	Pb-Free	SN74AC245PWR		S	TSSOP	20
MC74AC245DW	On Semiconductor	tpd differs	CD74AC245M		S	SOIC	20
MC74AC245DWG	On Semiconductor	tpd differs	CD74AC245M		S	SOIC	20
MC74AC245DWR2	On Semiconductor	tpd differs	CD74AC245M96		S	SOIC	20
MC74AC245DWR2	On Semiconductor		SN74AC245DWR		S	SOIC	20
MC74AC245DWR2G	On Semiconductor	tpd differs	CD74AC245M96		S	SOIC	20
MC74AC245M	On Semiconductor		SN74AC245NSR		S	SOP	20
MC74AC245MEL	On Semiconductor		SN74AC245NSR		S	SOP-EIAJ-II	20
MC74AC245MELG	On Semiconductor	Pb-Free	SN74AC245NSR		S	SOP-EIAJ-II	20
MC74AC245MG	On Semiconductor		SN74AC245NSR		S	SOP	20
MC74AC245N	On Semiconductor	tpd differs	CD74AC245E		S	PDIP	20
MC74AC245NG	On Semiconductor	tpd differs	CD74AC245E		S	PDIP	20
MC74AC251D	Motorola (MOT)	Discontinued	CD74AC251M		S	SOIC	16
MC74AC251D	On Semiconductor	tpd differs	CD74AC251M		S	SOIC	16
MC74AC251DR2	Motorola (MOT)	Discontinued	CD74AC251M96		S	SOIC	16
MC74AC251DR2	On Semiconductor	tpd differs	CD74AC251M96		S	SOIC	16
MC74AC253D	On Semiconductor		CD74AC253M		S	SOIC	16
MC74AC253DG	On Semiconductor	Pb-Free	CD74AC253M		S	SOIC	16
MC74AC253DR2	On Semiconductor		CD74AC253M96		S	SOIC	16
MC74AC253DR2G	On Semiconductor	Pb-Free	CD74AC253M96		S	SOIC	16
MC74AC257D	On Semiconductor		CD74AC257M		S	SOIC	16
MC74AC257DG	On Semiconductor	Pb-Free	CD74AC257M		S	SOIC	16
MC74AC257DR2	On Semiconductor		CD74AC257M96		S	SOIC	16
MC74AC257DR2G	On Semiconductor	Pb-Free	CD74AC257M96		S	SOIC	16
MC74AC257N	On Semiconductor		CD74AC257E		S	PDIP	16
MC74AC257NG	On Semiconductor	Pb-Free	CD74AC257E		S	PDIP	16
MC74AC273DW	On Semiconductor		CD74AC273M		S	SOIC	20
MC74AC273DW	On Semiconductor	tpd differs	CD74AC273ME4		S	SOIC	20
MC74AC273DWG	On Semiconductor	Pb-Free	CD74AC273M		S	SOIC	20
MC74AC273DWR2	On Semiconductor		CD74AC273M96		S	SOIC	20
MC74AC273DWR2	On Semiconductor	tpd differs	CD74AC273M96E4		S	SOIC	20

MC74AC240MELG — MC74AC273DWR2

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74AC273DWR2G	On Semiconductor	Pb-Free	CD74AC273M96		S	SOIC	20
MC74AC273N	On Semiconductor		CD74AC273E		S	PDIP	20
MC74AC273NG	On Semiconductor	Pb-Free	CD74AC273E		S	PDIP	20
MC74AC299DW	On Semiconductor		CD74AC299M96		S	SOIC	20
MC74AC299DWG	On Semiconductor		CD74AC299M96		S	SOIC	20
MC74AC299DWR2	On Semiconductor		CD74AC299M96		S	SOIC	20
MC74AC299DWR2G	On Semiconductor		CD74AC299M96		S	SOIC	20
MC74AC32D	On Semiconductor		CD74AC32M		S	SOIC	14
MC74AC32DG	On Semiconductor	Pb-Free	CD74AC32M		S	SOIC	14
MC74AC32DR2	On Semiconductor		CD74AC32M96		S	SOIC	14
MC74AC32DR2G	On Semiconductor	Pb-Free	CD74AC32M96		S	SOIC	14
MC74AC32DT	On Semiconductor		SN74AC32PW		S	TSSOP	14
MC74AC32DTEL	On Semiconductor		SN74AC32PWR		S	TSSOP	14
MC74AC32DTELG	On Semiconductor	Pb-Free	SN74AC32PWR		S	TSSOP	14
MC74AC32DTG	On Semiconductor	Pb-Free	SN74AC32PW		S	TSSOP	14
MC74AC32DTR2	On Semiconductor		SN74AC32PWR		S	TSSOP	14
MC74AC32DTR2G	On Semiconductor	Pb-Free	SN74AC32PWR		S	TSSOP	14
MC74AC32M	On Semiconductor		SN74AC32NSR		S	SOP-EIAJ-II	14
MC74AC32MEL	On Semiconductor		SN74AC32NSR		S	SOP-EIAJ-II	14
MC74AC32MELG	On Semiconductor	Pb-Free	SN74AC32NSR		S	SOP-EIAJ-II	14
MC74AC32MG	On Semiconductor	Pb-Free	SN74AC32NSR		S	SOP-EIAJ-II	14
MC74AC32N	On Semiconductor		CD74AC32E		S	PDIP	14
MC74AC32NG	On Semiconductor	Pb-Free	CD74AC32E		S	PDIP	14
MC74AC373DT	On Semiconductor		SN74AC373PW		S	TSSOP	20
MC74AC373DTEL	On Semiconductor		SN74AC373PWR		S	TSSOP	20
MC74AC373DTELG	On Semiconductor	Pb-Free	SN74AC373PWR		S	TSSOP	20
MC74AC373DTG	On Semiconductor	Pb-Free	SN74AC373PW		S	TSSOP	20
MC74AC373DTR2	On Semiconductor		SN74AC373PWR		S	TSSOP	20
MC74AC373DTR2G	On Semiconductor	Pb-Free	SN74AC373PWR		S	TSSOP	20
MC74AC373DW	On Semiconductor		CD74AC373M		S	SOIC	20
MC74AC373DW	On Semiconductor		SN74AC373DW		S	SOIC	20
MC74AC373DWG	On Semiconductor		CD74AC373M		S	SOIC	20
MC74AC373DWR2	On Semiconductor		SN74AC373DWR		S	SOIC	20
MC74AC373DWR2G	On Semiconductor		CD74AC373M96		S	SOIC	20
MC74AC373M	On Semiconductor		SN74AC373DW		S	SOEIAJ	20
MC74AC373M	On Semiconductor		SN74AC373NSR		S	SOEIAJ	20
MC74AC373MEL	On Semiconductor		SN74AC373DWR		S	SOEIAJ	20
MC74AC373MEL	On Semiconductor		SN74AC373NSR		S	SOP-EIAJ-II	20
MC74AC373MELG	On Semiconductor	Pb-Free	SN74AC373NSR		S	SOP-EIAJ-II	20
MC74AC373MG	On Semiconductor		SN74AC373NSR		S	SOEIAJ	20
MC74AC373N	On Semiconductor		CD74AC373E		S	PDIP	20
MC74AC373N	On Semiconductor		SN74AC373N		S	PDIP	20
MC74AC373NG	On Semiconductor		CD74AC373E		S	PDIP	20
MC74AC374DT	On Semiconductor		SN74AC374PW		S	TSSOP	20
MC74AC374DTG	On Semiconductor	Pb-Free	SN74AC374PW		S	TSSOP	20
MC74AC374DTR2	On Semiconductor		SN74AC374PWR		S	TSSOP	20
MC74AC374DTR2G	On Semiconductor	Pb-Free	SN74AC374PWR		S	TSSOP	20
MC74AC374DTR2G	On Semiconductor		SN74AC374PWRE4		S	TSSOP	20
MC74AC374DW	On Semiconductor	tpd differs	CD74AC374M		S	SOIC	20
MC74AC374DW	On Semiconductor	tpd differs	CD74AC374ME4		S	SOIC	20
MC74AC374DW	On Semiconductor		SN74AC374DWE4		S	SOIC	20
MC74AC374DWG	On Semiconductor	tpd differs	CD74AC374M		S	SOIC	20
MC74AC374DWG	On Semiconductor	tpd differs	CD74AC374ME4		S	SOIC	20
MC74AC374DWG	On Semiconductor		SN74AC374DW		S	SOIC	20
MC74AC374DWG	On Semiconductor		SN74AC374DWE4		S	SOIC	20
MC74AC374DWG	On Semiconductor		SN74AC574DW		S	SOIC	20
MC74AC374DWR2	On Semiconductor	tpd differs	CD74AC374M96E4		S	SOIC	20
MC74AC374DWR2	On Semiconductor		SN74AC374DWRE4		S	SOIC	20
MC74AC374DWR2	On Semiconductor		SN74AC574DWR		S	SOIC	20
MC74AC374DWR2G	On Semiconductor	tpd differs	CD74AC374M96E4		S	SOIC	20
MC74AC374DWR2G	On Semiconductor		SN74AC374DWR		S	SOIC	20
MC74AC374DWR2G	On Semiconductor		SN74AC374DWRE4		S	SOIC	20
MC74AC374DWR2G	On Semiconductor		SN74AC574DWR		S	SOIC	20
MC74AC374M	On Semiconductor		SN74AC374NSR		S	SOP-EIAJ-II	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74AC374MEL	On Semiconductor		SN74AC374NSR		S	SOP-EIAJ-II	20
MC74AC374MELG	On Semiconductor	Pb-Free	SN74AC374NSR		S	SOP-EIAJ-II	20
MC74AC374MG	On Semiconductor	Pb-Free	SN74AC374NSR		S	SOP-EIAJ-II	20
MC74AC374N	On Semiconductor	tpd differs	CD74AC374E		S	PDIP	20
MC74AC374NG	On Semiconductor	tpd differs	CD74AC374E		S	PDIP	20
MC74AC374NG	On Semiconductor		SN74AC374N		S	PDIP	20
MC74AC374NG	On Semiconductor		SN74AC574N		S	PDIP	20
MC74AC533DW	Motorola (MOT)	Discontinued	SN74AC533DW		S	SOIC	20
MC74AC533DW	On Semiconductor		SN74AC533DW		S	SOIC	20
MC74AC533N	Motorola (MOT)	Discontinued	SN74AC533N		S	PDIP	20
MC74AC533N	On Semiconductor		SN74AC533N		S	PDIP	20
MC74AC534DW	Motorola (MOT)	Discontinued	SN74AC534DW		S	SOIC	20
MC74AC534DW	On Semiconductor		SN74AC534DW		S	SOIC	20
MC74AC534N	Motorola (MOT)	Discontinued	SN74AC534N		S	PDIP	20
MC74AC534N	On Semiconductor		SN74AC534N		S	PDIP	20
MC74AC540DW	On Semiconductor		CD74AC540M		S	SOIC	20
MC74AC540DWG	On Semiconductor	Pb-Free	CD74AC540M		S	SOIC	20
MC74AC540DWR2	On Semiconductor		CD74AC540M	Not available reeled, use tubed	S	SOIC	20
MC74AC540DWR2G	On Semiconductor	Pb-Free	CD74AC540M	Not available reeled, use tubed	S	SOIC	20
MC74AC541DW	On Semiconductor		CD74AC541M		S	SOIC	20
MC74AC541DWG	On Semiconductor	Pb-Free	CD74AC541M		S	SOIC	20
MC74AC541DWR2	On Semiconductor		CD74AC541M96		S	SOIC	20
MC74AC541DWR2G	On Semiconductor	Pb-Free	CD74AC541M96		S	SOIC	20
MC74AC541N	On Semiconductor		CD74AC541E		S	PDIP	20
MC74AC541NG	On Semiconductor	Pb-Free	CD74AC541E		S	PDIP	20
MC74AC564DW	Motorola (MOT)	Discontinued	SN74AC564DW		S	SOIC	20
MC74AC564DW	On Semiconductor	tpd differs	SN74AC564DW		S	SOIC	20
MC74AC564DWR2	Motorola (MOT)	Discontinued	SN74AC564DWR		S	SOIC	20
MC74AC564DWR2	On Semiconductor	tpd differs	SN74AC564DWR		S	SOIC	20
MC74AC564N	Motorola (MOT)	Discontinued	SN74AC564N		S	PDIP	20
MC74AC564N	On Semiconductor	tpd differs	SN74AC564N		S	PDIP	20
MC74AC573DT	On Semiconductor		SN74AC573PW		S	TSSOP	20
MC74AC573DTG	On Semiconductor	Pb-Free	SN74AC573PW		S	TSSOP	20
MC74AC573DTR2	On Semiconductor		SN74AC573PWR		S	TSSOP	20
MC74AC573DTR2G	On Semiconductor	Pb-Free	SN74AC573PWR		S	TSSOP	20
MC74AC573DW	On Semiconductor		CD74AC573M		S	SOIC	20
MC74AC573DW	On Semiconductor		SN74AC573DW		S	SOIC	20
MC74AC573DWG	On Semiconductor		CD74AC573M		S	SOIC	20
MC74AC573DWR2	On Semiconductor		CD74AC573M96		S	SOIC	20
MC74AC573DWR2	On Semiconductor		SN74AC573DWR		S	SOIC	20
MC74AC573DWR2G	On Semiconductor		CD74AC573M96		S	SOIC	20
MC74AC573M	On Semiconductor		SN74AC573DW		S	SOEIAJ	20
MC74AC573M	On Semiconductor		SN74AC573NSR		S	SOEIAJ	20
MC74AC573MEL	On Semiconductor		SN74AC573DWR		S	SOEIAJ	20
MC74AC573MEL	On Semiconductor		SN74AC573NSR		S	SOP-EIAJ-II	20
MC74AC573MELG	On Semiconductor	Pb-Free	SN74AC573NSR		S	SOP-EIAJ-II	20
MC74AC573MG	On Semiconductor		SN74AC573NSR		S	SOEIAJ	20
MC74AC573N	On Semiconductor		CD74AC573E		S	PDIP	20
MC74AC573NG	On Semiconductor		CD74AC573E		S	PDIP	20
MC74AC574DT	On Semiconductor		SN74AC574PW		S	TSSOP	20
MC74AC574DTEL	On Semiconductor		SN74AC574PWR		S	TSSOP	20
MC74AC574DTELG	On Semiconductor	Pb-Free	SN74AC574PWR		S	TSSOP	20
MC74AC574DTG	On Semiconductor	Pb-Free	SN74AC574PW		S	TSSOP	20
MC74AC574DTR2	On Semiconductor		SN74AC574PWR		S	TSSOP	20
MC74AC574DTR2G	On Semiconductor	Pb-Free	SN74AC574PWR		S	TSSOP	20
MC74AC574DW	On Semiconductor	tpd differs	CD74AC574M		S	SOIC	20
MC74AC574DW	On Semiconductor	tpd differs	CD74AC574ME4		S	SOIC	20
MC74AC574DWG	On Semiconductor	tpd differs	CD74AC574M		S	SOIC	20
MC74AC574DWR2	On Semiconductor	tpd differs	CD74AC574M96E4		S	SOIC	20
MC74AC574DWR2G	On Semiconductor	tpd differs	CD74AC574M96		S	SOIC	20
MC74AC574M	On Semiconductor		SN74AC574NSR		S	SOP-EIAJ-II	20
MC74AC574MEL	On Semiconductor		SN74AC574NSR		S	SOP-EIAJ-II	20
MC74AC574MELG	On Semiconductor	Pb-Free	SN74AC574NSR		S	SOP-EIAJ-II	20
MC74AC574MG	On Semiconductor	Pb-Free	SN74AC574NSR		S	SOP-EIAJ-II	20

MC74AC374MEL — MC74AC574MG

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74AC574N	On Semiconductor	tpd differs	CD74AC574E		S	PDIP	20
MC74AC574NG	On Semiconductor	tpd differs	CD74AC574E		S	PDIP	20
MC74AC623DW	On Semiconductor	tpd differs	CD74AC623M		S	SOIC	20
MC74AC623N	On Semiconductor	tpd differs	CD74AC623E		S	PDIP	20
MC74AC646DW	On Semiconductor		CD74AC646M		S	SOIC	24
MC74AC646DWG	On Semiconductor	Pb-Free	CD74AC646M		S	SOIC	24
MC74AC646DWR2	On Semiconductor		CD74AC646M96		S	SOIC	24
MC74AC646DWR2G	On Semiconductor	Pb-Free	CD74AC646M96		S	SOIC	24
MC74AC652DW	On Semiconductor		CD74AC652M		S	SOIC	24
MC74AC652DWG	On Semiconductor	Pb-Free	CD74AC652M		S	SOIC	24
MC74AC652DWR2	On Semiconductor		CD74AC652M96		S	SOIC	24
MC74AC652DWR2G	On Semiconductor	Pb-Free	CD74AC652M96		S	SOIC	24
MC74AC74D	On Semiconductor		CD74AC74M		S	SOIC	14
MC74AC74D	On Semiconductor	tpd differs	CD74AC74ME4		S	SOIC	14
MC74AC74D	On Semiconductor		SN74AC74DE4		S	SOIC	14
MC74AC74DG	On Semiconductor	Pb-Free	CD74AC74M		S	SOIC	14
MC74AC74DG	On Semiconductor	tpd differs	CD74AC74ME4		S	SOIC	14
MC74AC74DG	On Semiconductor		SN74AC74D		S	SOIC	14
MC74AC74DG	On Semiconductor		SN74AC74DE4		S	SOIC	14
MC74AC74DR2	On Semiconductor		CD74AC74M96		S	SOIC	14
MC74AC74DR2	On Semiconductor	tpd differs	CD74AC74M96E4		S	SOIC	14
MC74AC74DR2	On Semiconductor		SN74AC74DRE4		S	SOIC	14
MC74AC74DR2	On Semiconductor		SN74AC74MDREP		S	SOIC	14
MC74AC74DR2G	On Semiconductor	Pb-Free	CD74AC74M96		S	SOIC	14
MC74AC74DR2G	On Semiconductor	tpd differs	CD74AC74M96E4		S	SOIC	14
MC74AC74DR2G	On Semiconductor		SN74AC74DR		S	SOIC	14
MC74AC74DR2G	On Semiconductor		SN74AC74DRE4		S	SOIC	14
MC74AC74DR2G	On Semiconductor		SN74AC74MDREP		S	SOIC	14
MC74AC74DT	On Semiconductor		SN74AC74PW		S	TSSOP	14
MC74AC74DTEL	On Semiconductor		SN74AC74PWR		S	TSSOP	14
MC74AC74DTELG	On Semiconductor	Pb-Free	SN74AC74PWR		S	TSSOP	14
MC74AC74DTG	On Semiconductor	Pb-Free	SN74AC74PW		S	TSSOP	14
MC74AC74DTR2	On Semiconductor		SN74AC74PWR		S	TSSOP	14
MC74AC74DTR2G	On Semiconductor	Pb-Free	SN74AC74PWR		S	TSSOP	14
MC74AC74M	On Semiconductor		SN74AC74NSR		S	SOP-EIAJ-II	14
MC74AC74MEL	On Semiconductor		SN74AC74NSR		S	SOP-EIAJ-II	14
MC74AC74MELG	On Semiconductor	Pb-Free	SN74AC74NSR		S	SOP-EIAJ-II	14
MC74AC74MG	On Semiconductor	Pb-Free	SN74AC74NSR		S	SOP-EIAJ-II	14
MC74AC74N	On Semiconductor		CD74AC74E		S	PDIP	14
MC74AC74NG	On Semiconductor	Pb-Free	CD74AC74E		S	PDIP	14
MC74AC74NG	On Semiconductor		SN74AC74N		S	PDIP	14
MC74AC86D	On Semiconductor		CD74AC86M		S	SOIC	14
MC74AC86D	On Semiconductor		SN74AC86D		S	SOIC	14
MC74AC86D	On Semiconductor		SN74AC86DE4		S	SOIC	14
MC74AC86DG	On Semiconductor	Pb-Free	CD74AC86M		S	SOIC	14
MC74AC86DG	On Semiconductor		SN74AC86D		S	SOIC	14
MC74AC86DG	On Semiconductor		SN74AC86DE4		S	SOIC	14
MC74AC86DR2	On Semiconductor		CD74AC86M96		S	SOIC	14
MC74AC86DR2	On Semiconductor		SN74AC86DR		S	SOIC	14
MC74AC86DR2	On Semiconductor		SN74AC86DRE4		S	SOIC	14
MC74AC86DR2G	On Semiconductor	Pb-Free	CD74AC86M96		S	SOIC	14
MC74AC86DR2G	On Semiconductor		SN74AC86DR		S	SOIC	14
MC74AC86DR2G	On Semiconductor		SN74AC86DRE4		S	SOIC	14
MC74AC86DT	On Semiconductor		SN74AC86PW		S	TSSOP	14
MC74AC86DTG	On Semiconductor	Pb-Free	SN74AC86PW		S	TSSOP	14
MC74AC86DTR2	On Semiconductor		SN74AC86PWR		S	TSSOP	14
MC74AC86DTR2	On Semiconductor		SN74AC86PWRE4		S	TSSOP	14
MC74AC86DTR2G	On Semiconductor	Pb-Free	SN74AC86PWR		S	TSSOP	14
MC74AC86DTR2G	On Semiconductor		SN74AC86PWRE4		S	TSSOP	14
MC74AC86M	On Semiconductor		SN74AC86NSR		S	SOP-EIAJ-II	14
MC74AC86MEL	On Semiconductor		SN74AC86NSR		S	SOP-EIAJ-II	14
MC74AC86MEL	On Semiconductor		SN74AC86NSRE4		S	SOP-EIAJ-II	14
MC74AC86MELG	On Semiconductor	Pb-Free	SN74AC86NSR		S	SOP-EIAJ-II	14
MC74AC86MG	On Semiconductor	Pb-Free	SN74AC86NSR		S	SOP-EIAJ-II	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74AC86N	On Semiconductor		CD74AC86E		S	PDIP	14
MC74AC86N	On Semiconductor		SN74AC86N		S	PDIP	14
MC74AC86NG	On Semiconductor	Pb-Free	CD74AC86E		S	PDIP	14
MC74AC86NG	On Semiconductor		SN74AC86N		S	PDIP	14
MC74ACT00D	On Semiconductor		CD74ACT00M		S	SOIC	14
MC74ACT00DG	On Semiconductor	Pb-Free	CD74ACT00M		S	SOIC	14
MC74ACT00DR2	On Semiconductor		CD74ACT00M96		S	SOIC	14
MC74ACT00DR2G	On Semiconductor	Pb-Free	CD74ACT00M96		S	SOIC	14
MC74ACT00DT	On Semiconductor		SN74ACT00PW		S	TSSOP	14
MC74ACT00DTEL	On Semiconductor		SN74ACT00PWR		S	TSSOP	14
MC74ACT00DTELG	On Semiconductor	Pb-Free	SN74ACT00PWR		S	TSSOP	14
MC74ACT00DTG	On Semiconductor	Pb-Free	SN74ACT00PW		S	TSSOP	14
MC74ACT00DTR2	On Semiconductor		SN74ACT00PWR		S	TSSOP	14
MC74ACT00DTR2G	On Semiconductor	Pb-Free	SN74ACT00PWR		S	TSSOP	14
MC74ACT00M	On Semiconductor		SN74ACT00NSR		S	SOP-EIAJ-II	14
MC74ACT00MEL	On Semiconductor		SN74ACT00NSR		S	SOP-EIAJ-II	14
MC74ACT00MELG	On Semiconductor	Pb-Free	SN74ACT00NSR		S	SOP-EIAJ-II	14
MC74ACT00MG	On Semiconductor	Pb-Free	SN74ACT00NSR		S	SOP-EIAJ-II	14
MC74ACT00N	On Semiconductor		CD74ACT00E		S	PDIP	14
MC74ACT00NG	On Semiconductor	Pb-Free	CD74ACT00E		S	PDIP	14
MC74ACT02D	On Semiconductor		CD74ACT02M		S	SOIC	14
MC74ACT02DG	On Semiconductor	Pb-Free	CD74ACT02M		S	SOIC	14
MC74ACT02DR2	On Semiconductor		CD74ACT02M96		S	SOIC	14
MC74ACT02DR2G	On Semiconductor	Pb-Free	CD74ACT02M96		S	SOIC	14
MC74ACT02N	On Semiconductor		CD74ACT02E		S	PDIP	14
MC74ACT02NG	On Semiconductor	Pb-Free	CD74ACT02E		S	PDIP	14
MC74ACT04D	On Semiconductor		CD74ACT04M		S	SOIC	14
MC74ACT04D	On Semiconductor		SN74ACT04D		S	SOIC	14
MC74ACT04DG	On Semiconductor	Pb-Free	CD74ACT04M		S	SOIC	14
MC74ACT04DR2	On Semiconductor		CD74ACT04M96		S	SOIC	14
MC74ACT04DR2	On Semiconductor		SN74ACT04DR		S	SOIC	14
MC74ACT04DR2G	On Semiconductor	Pb-Free	CD74ACT04M96		S	SOIC	14
MC74ACT04DT	On Semiconductor		SN74ACT04PW		S	TSSOP	14
MC74ACT04DTG	On Semiconductor	Pb-Free	SN74ACT04PW		S	TSSOP	14
MC74ACT04DTR2	On Semiconductor		SN74ACT04PWR		S	TSSOP	14
MC74ACT04DTR2G	On Semiconductor	Pb-Free	SN74ACT04PWR		S	TSSOP	14
MC74ACT04M	On Semiconductor		SN74ACT04D		S	SOEIAJ	14
MC74ACT04M	On Semiconductor		SN74ACT04NSR		S	SOEIAJ	14
MC74ACT04MEL	On Semiconductor		SN74ACT04DR		S	SOEIAJ	14
MC74ACT04MEL	On Semiconductor		SN74ACT04NSR		S	SOP-EIAJ-II	14
MC74ACT04MELG	On Semiconductor	Pb-Free	SN74ACT04NSR		S	SOP-EIAJ-II	14
MC74ACT04MG	On Semiconductor		SN74ACT04NSR		S	SOEIAJ	14
MC74ACT04N	On Semiconductor		CD74ACT04E		S	PDIP	14
MC74ACT04N	On Semiconductor		SN74ACT04N		S	PDIP	14
MC74ACT04NG	On Semiconductor	Pb-Free	CD74ACT04E		S	PDIP	14
MC74ACT05D	On Semiconductor		CD74ACT05M		S	SOIC	14
MC74ACT05DG	On Semiconductor	Pb-Free	CD74ACT05M		S	SOIC	14
MC74ACT05DR2	On Semiconductor		CD74ACT05M96		S	SOIC	14
MC74ACT05DR2G	On Semiconductor	Pb-Free	CD74ACT05M96		S	SOIC	14
MC74ACT05M	On Semiconductor		CD74ACT05M		S	SOEIAJ	14
MC74ACT05N	On Semiconductor		CD74ACT05E		S	PDIP	14
MC74ACT05NG	On Semiconductor	Pb-Free	CD74ACT05E		S	PDIP	14
MC74ACT08D	On Semiconductor		CD74ACT08M		S	SOIC	14
MC74ACT08DG	On Semiconductor	Pb-Free	CD74ACT08M		S	SOIC	14
MC74ACT08DR2	On Semiconductor		CD74ACT08M96		S	SOIC	14
MC74ACT08DR2G	On Semiconductor	Pb-Free	CD74ACT08M96		S	SOIC	14
MC74ACT08DT	On Semiconductor		SN74ACT08PW		S	TSSOP	14
MC74ACT08DTEL	On Semiconductor		SN74ACT08PWR		S	TSSOP	14
MC74ACT08DTELG	On Semiconductor	Pb-Free	SN74ACT08PWR		S	TSSOP	14
MC74ACT08DTG	On Semiconductor	Pb-Free	SN74ACT08PW		S	TSSOP	14
MC74ACT08DTR2	On Semiconductor		SN74ACT08PWR		S	TSSOP	14
MC74ACT08DTR2G	On Semiconductor	Pb-Free	SN74ACT08PWR		S	TSSOP	14
MC74ACT08M	On Semiconductor		SN74ACT08NSR		S	SOP-EIAJ-II	14
MC74ACT08MEL	On Semiconductor		SN74ACT08NSR		S	SOP-EIAJ-II	14

MC74AC86N — MC74ACT08MEL

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74ACT08MELG	On Semiconductor	Pb-Free	SN74ACT08NSR		S	SOP-EIAJ-II	14
MC74ACT08MG	On Semiconductor	Pb-Free	SN74ACT08NSR		S	SOP-EIAJ-II	14
MC74ACT08N	On Semiconductor		CD74ACT08E		S	PDIP	14
MC74ACT08NG	On Semiconductor	Pb-Free	CD74ACT08E		S	PDIP	14
MC74ACT109D	On Semiconductor		CD74ACT109M		S	SOIC	16
MC74ACT109D	On Semiconductor	tpd differs	CD74ACT109ME4		S	SOIC	16
MC74ACT109DG	On Semiconductor	Pb-Free	CD74ACT109M		S	SOIC	16
MC74ACT109DR2	On Semiconductor		CD74ACT109M96		S	SOIC	16
MC74ACT109DR2	On Semiconductor	tpd differs	CD74ACT109M96E4		S	SOIC	16
MC74ACT109DR2G	On Semiconductor	Pb-Free	CD74ACT109M96		S	SOIC	16
MC74ACT109N	On Semiconductor		CD74ACT109E		S	PDIP	16
MC74ACT109NG	On Semiconductor	Pb-Free	CD74ACT109E		S	PDIP	16
MC74ACT10D	On Semiconductor		CD74ACT10M		S	SOIC	14
MC74ACT10D	On Semiconductor		SN74ACT10D		S	SOIC	14
MC74ACT10D	On Semiconductor		SN74ACT10DE4		S	SOIC	14
MC74ACT10DG	On Semiconductor	Pb-Free	CD74ACT10M		S	SOIC	14
MC74ACT10DR2	On Semiconductor		CD74ACT10M96		S	SOIC	14
MC74ACT10DR2	On Semiconductor		SN74ACT10DR		S	SOIC	14
MC74ACT10DR2	On Semiconductor		SN74ACT10DRE4		S	SOIC	14
MC74ACT10DR2G	On Semiconductor	Pb-Free	CD74ACT10M96		S	SOIC	14
MC74ACT10DR2G	On Semiconductor		SN74ACT10DR		S	SOIC	14
MC74ACT10DR2G	On Semiconductor		SN74ACT10DRE4		S	SOIC	14
MC74ACT10DT	On Semiconductor		SN74ACT10PW		S	TSSOP	14
MC74ACT10DTG	On Semiconductor	Pb-Free	SN74ACT10PW		S	TSSOP	14
MC74ACT10DTR2	On Semiconductor		SN74ACT10PWR		S	TSSOP	14
MC74ACT10DTR2	On Semiconductor		SN74ACT10PWRE4		S	TSSOP	14
MC74ACT10DTR2G	On Semiconductor	Pb-Free	SN74ACT10PWR		S	TSSOP	14
MC74ACT10DTR2G	On Semiconductor		SN74ACT10PWRE4		S	TSSOP	14
MC74ACT10M	On Semiconductor		SN74ACT10NSR		S	SOP-EIAJ-II	14
MC74ACT10MEL	On Semiconductor		SN74ACT10NSR		S	SOP-EIAJ-II	14
MC74ACT10MEL	On Semiconductor		SN74ACT10NSRE4		S	SOP-EIAJ-II	14
MC74ACT10MELG	On Semiconductor	Pb-Free	SN74ACT10NSR		S	SOP-EIAJ-II	14
MC74ACT10MELG	On Semiconductor		SN74ACT10NSRE4		S	SOP-EIAJ-II	14
MC74ACT10MG	On Semiconductor	Pb-Free	SN74ACT10NSR		S	SOP-EIAJ-II	14
MC74ACT10N	On Semiconductor		CD74ACT10E		S	PDIP	14
MC74ACT10N	On Semiconductor		SN74ACT10N		S	PDIP	14
MC74ACT10NG	On Semiconductor	Pb-Free	CD74ACT10E		S	PDIP	14
MC74ACT10NG	On Semiconductor		SN74ACT10N		S	PDIP	14
MC74ACT112D	Motorola (MOT)	Discontinued	CD74ACT112M		S	SOIC	16
MC74ACT112D	On Semiconductor	tpd differs	CD74ACT112M		S	SOIC	16
MC74ACT112D	On Semiconductor	tpd differs	CD74ACT112ME4		S	SOIC	16
MC74ACT112DR2	Motorola (MOT)	Discontinued	CD74ACT112M96		S	SOIC	16
MC74ACT112DR2	On Semiconductor	tpd differs	CD74ACT112M96		S	SOIC	16
MC74ACT11D	On Semiconductor		SN74ACT11D		S	SOIC	14
MC74ACT11DG	On Semiconductor	Pb-Free	SN74ACT11D		S	SOIC	14
MC74ACT11DR2	On Semiconductor		SN74ACT11DR		S	SOIC	14
MC74ACT11DR2G	On Semiconductor	Pb-Free	SN74ACT11DR		S	SOIC	14
MC74ACT11M	On Semiconductor		SN74ACT11NSR		S	SOP-EIAJ-II	14
MC74ACT11MEL	On Semiconductor		SN74ACT11NSR		S	SOP-EIAJ-II	14
MC74ACT11MELG	On Semiconductor	Pb-Free	SN74ACT11NSR		S	SOP-EIAJ-II	14
MC74ACT11MG	On Semiconductor	Pb-Free	SN74ACT11NSR		S	SOP-EIAJ-II	14
MC74ACT11N	On Semiconductor		SN74ACT11N		S	PDIP	14
MC74ACT11NG	On Semiconductor	Pb-Free	SN74ACT11N		S	PDIP	14
MC74ACT138D	On Semiconductor		CD74ACT138M		S	SOIC	16
MC74ACT138DG	On Semiconductor	Pb-Free	CD74ACT138M		S	SOIC	16
MC74ACT138DR2	On Semiconductor		CD74ACT138M96		S	SOIC	16
MC74ACT138DR2G	On Semiconductor	Pb-Free	CD74ACT138M96		S	SOIC	16
MC74ACT138N	On Semiconductor		CD74ACT138E		S	PDIP	16
MC74ACT138NG	On Semiconductor	Pb-Free	CD74ACT138E		S	PDIP	16
MC74ACT139D	On Semiconductor		CD74ACT139M		S	SOIC	16
MC74ACT139DG	On Semiconductor	Pb-Free	CD74ACT139M		S	SOIC	16
MC74ACT139DR2	On Semiconductor		CD74ACT139M96		S	SOIC	16
MC74ACT139DR2G	On Semiconductor	Pb-Free	CD74ACT139M96		S	SOIC	16
MC74ACT139N	On Semiconductor		CD74ACT139E		S	PDIP	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74ACT139NG	On Semiconductor	Pb-Free	CD74ACT139E		S	PDIP	16
MC74ACT14D	On Semiconductor		CD74ACT14M		S	SOIC	14
MC74ACT14D	On Semiconductor		SN74ACT14D		S	SOIC	14
MC74ACT14D	On Semiconductor	tpd differs	SN74ACT14DRE4		S	SOIC	14
MC74ACT14DG	On Semiconductor	Pb-Free	CD74ACT14M		S	SOIC	14
MC74ACT14DG	On Semiconductor	tpd differs	SN74ACT14DRE4		S	SOIC	14
MC74ACT14DR2	On Semiconductor		CD74ACT14M96		S	SOIC	14
MC74ACT14DR2	On Semiconductor		SN74ACT14DR		S	SOIC	14
MC74ACT14DR2G	On Semiconductor	Pb-Free	CD74ACT14M96		S	SOIC	14
MC74ACT14DT	On Semiconductor		SN74ACT14PW		S	TSSOP	14
MC74ACT14DT	On Semiconductor	tpd differs	SN74ACT14PWE4		S	TSSOP	14
MC74ACT14DT	On Semiconductor	tpd differs	SN74ACT14PWRG4		S	TSSOP	14
MC74ACT14DTEL	On Semiconductor		SN74ACT14PWR		S	TSSOP	14
MC74ACT14DTELG	On Semiconductor	Pb-Free	SN74ACT14PWR		S	TSSOP	14
MC74ACT14DTG	On Semiconductor	Pb-Free	SN74ACT14PW		S	TSSOP	14
MC74ACT14DTR2	On Semiconductor		SN74ACT14PWR		S	TSSOP	14
MC74ACT14DTR2G	On Semiconductor	Pb-Free	SN74ACT14PWR		S	TSSOP	14
MC74ACT14M	On Semiconductor		SN74ACT14D		S	SOEIAJ	14
MC74ACT14M	On Semiconductor		SN74ACT14NSR		S	SOEIAJ	14
MC74ACT14MEL	On Semiconductor		SN74ACT14DR		S	SOEIAJ	14
MC74ACT14MEL	On Semiconductor		SN74ACT14NSR		S	SOP-EIAJ-II	14
MC74ACT14MELG	On Semiconductor	Pb-Free	SN74ACT14NSR		S	SOP-EIAJ-II	14
MC74ACT14MG	On Semiconductor		SN74ACT14NSR		S	SOEIAJ	14
MC74ACT14N	On Semiconductor		CD74ACT14E		S	PDIP	14
MC74ACT14N	On Semiconductor		SN74ACT14N		S	PDIP	14
MC74ACT14NG	On Semiconductor	Pb-Free	CD74ACT14E		S	PDIP	14
MC74ACT151D	On Semiconductor	tpd differs	CD74ACT151M96		S	SOIC	16
MC74ACT151DG	On Semiconductor	tpd differs	CD74ACT151M96		S	SOIC	16
MC74ACT151DR2	On Semiconductor		CD74ACT151M96		S	SOIC	16
MC74ACT151DR2G	On Semiconductor	Pb-Free	CD74ACT151M96		S	SOIC	16
MC74ACT153D	On Semiconductor		CD74ACT153M		S	SOIC	16
MC74ACT153DG	On Semiconductor	Pb-Free	CD74ACT153M		S	SOIC	16
MC74ACT153DR2	On Semiconductor		CD74ACT153M96		S	SOIC	16
MC74ACT153DR2G	On Semiconductor	Pb-Free	CD74ACT153M96		S	SOIC	16
MC74ACT153M	On Semiconductor	tpd differs	CD74ACT153NSR		S	SOEIAJ	16
MC74ACT153MEL	On Semiconductor		CD74ACT153NSR		S	SOP-EIAJ-II	16
MC74ACT153MELG	On Semiconductor	Pb-Free	CD74ACT153NSR		S	SOP-EIAJ-II	16
MC74ACT153MG	On Semiconductor	tpd differs	CD74ACT153NSR		S	SOEIAJ	16
MC74ACT153N	On Semiconductor		CD74ACT153E		S	PDIP	16
MC74ACT153NG	On Semiconductor	Pb-Free	CD74ACT153E		S	PDIP	16
MC74ACT157D	On Semiconductor		CD74ACT157M		S	SOIC	16
MC74ACT157D	On Semiconductor	tpd differs	CD74ACT157M96		S	SOIC	16
MC74ACT157DG	On Semiconductor	Pb-Free	CD74ACT157M		S	SOIC	16
MC74ACT157DR2	On Semiconductor		CD74ACT157M96		S	SOIC	16
MC74ACT157DR2G	On Semiconductor	Pb-Free	CD74ACT157M96		S	SOIC	16
MC74ACT157DT	On Semiconductor		CD74ACT157PW		S	TSSOP	16
MC74ACT157DTG	On Semiconductor	Pb-Free	CD74ACT157PW		S	TSSOP	16
MC74ACT157DTR2	On Semiconductor		CD74ACT157PWR		S	TSSOP	16
MC74ACT157DTR2G	On Semiconductor	Pb-Free	CD74ACT157PWR		S	TSSOP	16
MC74ACT157N	On Semiconductor		CD74ACT157E		S	PDIP	16
MC74ACT157NG	On Semiconductor	Pb-Free	CD74ACT157E		S	PDIP	16
MC74ACT158D	Motorola (MOT)	Discontinued	CD74ACT158M96	Not available reeled, use tubed	S	SOIC	16
MC74ACT158D	On Semiconductor	tpd differs	CD74ACT158M96		S	SOIC	16
MC74ACT158DR2	Motorola (MOT)	Discontinued	CD74ACT158M96		S	SOIC	16
MC74ACT158DR2	On Semiconductor	tpd differs	CD74ACT158M96		S	SOIC	16
MC74ACT161D	On Semiconductor		CD74ACT161M		S	SOIC	16
MC74ACT161DG	On Semiconductor	Pb-Free	CD74ACT161M		S	SOIC	16
MC74ACT161DR2	On Semiconductor		CD74ACT161M96		S	SOIC	16
MC74ACT161DR2G	On Semiconductor	Pb-Free	CD74ACT161M96		S	SOIC	16
MC74ACT161DW	On Semiconductor	tpd differs	CD74ACT161M		S	SOIC	16
MC74ACT161DWR2	On Semiconductor	tpd differs	CD74ACT161M96		S	SOIC	16
MC74ACT161N	On Semiconductor		CD74ACT161E		S	PDIP	16
MC74ACT161NG	On Semiconductor	Pb-Free	CD74ACT161E		S	PDIP	16
MC74ACT163D	On Semiconductor		CD74ACT163M		S	SOIC	16

MC74ACT139NG — MC74ACT163D

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74ACT163DG	On Semiconductor	Pb-Free	CD74ACT163M		S	SOIC	16
MC74ACT163DR2	On Semiconductor		CD74ACT163M96		S	SOIC	16
MC74ACT163DR2G	On Semiconductor	Pb-Free	CD74ACT163M96		S	SOIC	16
MC74ACT163N	On Semiconductor		CD74ACT163E		S	PDIP	16
MC74ACT163NG	On Semiconductor	Pb-Free	CD74ACT163E		S	PDIP	16
MC74ACT174D	On Semiconductor		CD74ACT174M		S	SOIC	16
MC74ACT174D	On Semiconductor	tpd differs	CD74ACT174ME4		S	SOIC	16
MC74ACT174DG	On Semiconductor	Pb-Free	CD74ACT174M		S	SOIC	16
MC74ACT174DR2	On Semiconductor		CD74ACT174M96		S	SOIC	16
MC74ACT174DR2	On Semiconductor	tpd differs	CD74ACT174M96E4		S	SOIC	16
MC74ACT174DR2G	On Semiconductor	Pb-Free	CD74ACT174M96		S	SOIC	16
MC74ACT174N	On Semiconductor		CD74ACT174E		S	PDIP	16
MC74ACT174NG	On Semiconductor	Pb-Free	CD74ACT174E		S	PDIP	16
MC74ACT175D	On Semiconductor		CD74ACT175M		S	SOIC	16
MC74ACT175D	On Semiconductor	tpd differs	CD74ACT175ME4		S	SOIC	16
MC74ACT175DG	On Semiconductor	Pb-Free	CD74ACT175M		S	SOIC	16
MC74ACT175DR2	On Semiconductor		CD74ACT175M96		S	SOIC	16
MC74ACT175DR2	On Semiconductor	tpd differs	CD74ACT175M96E4		S	SOIC	16
MC74ACT175DR2G	On Semiconductor	Pb-Free	CD74ACT175M96		S	SOIC	16
MC74ACT175N	On Semiconductor		CD74ACT175E		S	PDIP	16
MC74ACT175NG	On Semiconductor	Pb-Free	CD74ACT175E		S	PDIP	16
MC74ACT20D	On Semiconductor		CD74ACT20M		S	SOIC	14
MC74ACT20DG	On Semiconductor	Pb-Free	CD74ACT20M		S	SOIC	14
MC74ACT20DR2	On Semiconductor		CD74ACT20M96		S	SOIC	14
MC74ACT20DR2G	On Semiconductor	Pb-Free	CD74ACT20M96		S	SOIC	14
MC74ACT20N	On Semiconductor		CD74ACT20E		S	PDIP	14
MC74ACT20NG	On Semiconductor	Pb-Free	CD74ACT20E		S	PDIP	14
MC74ACT240DT	On Semiconductor		SN74ACT240PW		S	TSSOP	20
MC74ACT240DTG	On Semiconductor	Pb-Free	SN74ACT240PW		S	TSSOP	20
MC74ACT240DTR2	On Semiconductor		SN74ACT240PWR		S	TSSOP	20
MC74ACT240DTR2G	On Semiconductor	Pb-Free	SN74ACT240PWR		S	TSSOP	20
MC74ACT240DW	On Semiconductor	tpd differs	CD74ACT240M		S	SOIC	20
MC74ACT240DWG	On Semiconductor	tpd differs	CD74ACT240M		S	SOIC	20
MC74ACT240DWR2	On Semiconductor	tpd differs	CD74ACT240M96		S	SOIC	20
MC74ACT240DWR2	On Semiconductor		SN74ACT240DWR		S	SOIC	20
MC74ACT240DWR2G	On Semiconductor	tpd differs	CD74ACT240M96		S	SOIC	20
MC74ACT240M	On Semiconductor		SN74ACT240NSR		S	SOP-EIAJ-II	20
MC74ACT240MEL	On Semiconductor		SN74ACT240NSR		S	SOP-EIAJ-II	20
MC74ACT240MELG	On Semiconductor	Pb-Free	SN74ACT240NSR		S	SOP-EIAJ-II	20
MC74ACT240MG	On Semiconductor	Pb-Free	SN74ACT240NSR		S	SOP-EIAJ-II	20
MC74ACT240N	On Semiconductor	tpd differs	CD74ACT240E		S	PDIP	20
MC74ACT240N	On Semiconductor		SN74ACT240N		S	PDIP	20
MC74ACT240NG	On Semiconductor	tpd differs	CD74ACT240E		S	PDIP	20
MC74ACT241DT	On Semiconductor		SN74ACT241PW		S	TSSOP	20
MC74ACT241DTG	On Semiconductor	Pb-Free	SN74ACT241PW		S	TSSOP	20
MC74ACT241DTR2	On Semiconductor		SN74ACT241PWR		S	TSSOP	20
MC74ACT241DTR2G	On Semiconductor	Pb-Free	SN74ACT241PWR		S	TSSOP	20
MC74ACT241DW	On Semiconductor		SN74ACT241DW		S	SOIC	20
MC74ACT241DWG	On Semiconductor	Pb-Free	SN74ACT241DW		S	SOIC	20
MC74ACT241DWR2	On Semiconductor	tpd differs	CD74ACT241M96		S	SOIC	20
MC74ACT241DWR2	On Semiconductor	tpd differs	SN74ACT241DWR		S	SOIC	20
MC74ACT241DWR2G	On Semiconductor	tpd differs	CD74ACT241M96		S	SOIC	20
MC74ACT241M	On Semiconductor		SN74ACT241NSR		S	SOP-EIAJ-II	20
MC74ACT241MEL	On Semiconductor		SN74ACT241NSR		S	SOP-EIAJ-II	20
MC74ACT241MELG	On Semiconductor	Pb-Free	SN74ACT241NSR		S	SOP-EIAJ-II	20
MC74ACT241MG	On Semiconductor	Pb-Free	SN74ACT241NSR		S	SOP-EIAJ-II	20
MC74ACT241N	On Semiconductor	tpd differs	CD74ACT241E		S	PDIP	20
MC74ACT241N	On Semiconductor	tpd differs	SN74ACT241N		S	PDIP	20
MC74ACT241NG	On Semiconductor	tpd differs	CD74ACT241E		S	PDIP	20
MC74ACT244DT	On Semiconductor		SN74ACT244PW		S	TSSOP	20
MC74ACT244DTEL	On Semiconductor		SN74ACT244PWR		S	TSSOP	20
MC74ACT244DTELG	On Semiconductor	Pb-Free	SN74ACT244PWR		S	TSSOP	20
MC74ACT244DTG	On Semiconductor	Pb-Free	SN74ACT244PW		S	TSSOP	20
MC74ACT244DTR2	On Semiconductor		SN74ACT244PWR		S	TSSOP	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74ACT244DTR2G	On Semiconductor	Pb-Free	SN74ACT244PWR		S	TSSOP	20
MC74ACT244DW	On Semiconductor	tpd differs	CD74ACT244M		S	SOIC	20
MC74ACT244DW	On Semiconductor		SN74ACT244DW		S	SOIC	20
MC74ACT244DWG	On Semiconductor		CD74ACT244M		S	SOIC	20
MC74ACT244DWR2	On Semiconductor	tpd differs	CD74ACT244M96		S	SOIC	20
MC74ACT244DWR2	On Semiconductor		SN74ACT244DWR		S	SOIC	20
MC74ACT244DWR2G	On Semiconductor		CD74ACT244M96		S	SOIC	20
MC74ACT244M	On Semiconductor		SN74ACT244NSR		S	SOP-EIAJ-II	20
MC74ACT244MEL	On Semiconductor		SN74ACT244NSR		S	SOP-EIAJ-II	20
MC74ACT244MELG	On Semiconductor	Pb-Free	SN74ACT244NSR		S	SOP-EIAJ-II	20
MC74ACT244MG	On Semiconductor	Pb-Free	SN74ACT244NSR		S	SOP-EIAJ-II	20
MC74ACT244N	On Semiconductor	tpd differs	CD74ACT244E		S	PDIP	20
MC74ACT244NG	On Semiconductor		CD74ACT244E		S	PDIP	20
MC74ACT245DT	On Semiconductor		SN74ACT245PW		S	TSSOP	20
MC74ACT245DTEL	On Semiconductor		SN74ACT245PWR		S	TSSOP	20
MC74ACT245DTELG	On Semiconductor	Pb-Free	SN74ACT245PWR		S	TSSOP	20
MC74ACT245DTG	On Semiconductor	Pb-Free	SN74ACT245PW		S	TSSOP	20
MC74ACT245DTR2	On Semiconductor		SN74ACT245PWR		S	TSSOP	20
MC74ACT245DTR2G	On Semiconductor	Pb-Free	SN74ACT245PWR		S	TSSOP	20
MC74ACT245DW	On Semiconductor	tpd differs	CD74ACT245M		S	SOIC	20
MC74ACT245DWG	On Semiconductor	tpd differs	CD74ACT245M		S	SOIC	20
MC74ACT245DWR2	On Semiconductor	tpd differs	CD74ACT245M96		S	SOIC	20
MC74ACT245DWR2G	On Semiconductor	tpd differs	CD74ACT245M96		S	SOIC	20
MC74ACT245M	On Semiconductor		SN74ACT245NSR		S	SOP	20
MC74ACT245MEL	On Semiconductor		SN74ACT245NSR		S	SOP-EIAJ-II	20
MC74ACT245MELG	On Semiconductor	Pb-Free	SN74ACT245NSR		S	SOP-EIAJ-II	20
MC74ACT245MG	On Semiconductor		SN74ACT245NSR		S	SOP	20
MC74ACT245N	On Semiconductor	tpd differs	CD74ACT245E		S	PDIP	20
MC74ACT245NG	On Semiconductor	tpd differs	CD74ACT245E		S	PDIP	20
MC74ACT253D	On Semiconductor		CD74ACT253M		S	SOIC	16
MC74ACT253DG	On Semiconductor	Pb-Free	CD74ACT253M		S	SOIC	16
MC74ACT253DR2	On Semiconductor		CD74ACT253M96		S	SOIC	16
MC74ACT253DR2G	On Semiconductor	Pb-Free	CD74ACT253M96		S	SOIC	16
MC74ACT253N	On Semiconductor		CD74ACT253E		S	PDIP	16
MC74ACT253NG	On Semiconductor	Pb-Free	CD74ACT253E		S	PDIP	16
MC74ACT257D	On Semiconductor		CD74ACT257M		S	SOIC	16
MC74ACT257DG	On Semiconductor	Pb-Free	CD74ACT257M		S	SOIC	16
MC74ACT257DR2	On Semiconductor		CD74ACT257M96		S	SOIC	16
MC74ACT257DR2G	On Semiconductor	Pb-Free	CD74ACT257M96		S	SOIC	16
MC74ACT257N	On Semiconductor		CD74ACT257E		S	PDIP	16
MC74ACT257NG	On Semiconductor	Pb-Free	CD74ACT257E		S	PDIP	16
MC74ACT258D	Motorola (MOT)	Discontinued	CD74ACT258M		S	SOIC	16
MC74ACT258D	On Semiconductor	tpd differs	CD74ACT258M		S	SOIC	16
MC74ACT258DR2	Motorola (MOT)	Discontinued	CD74ACT258M96		S	SOIC	16
MC74ACT258DR2	On Semiconductor	tpd differs	CD74ACT258M96		S	SOIC	16
MC74ACT273DT	On Semiconductor		CD74ACT273PW		S	TSSOP	20
MC74ACT273DT	On Semiconductor	tpd differs	CD74ACT273PWE4		S	TSSOP	20
MC74ACT273DTG	On Semiconductor	Pb-Free	CD74ACT273PW		S	TSSOP	20
MC74ACT273DTR2	On Semiconductor		CD74ACT273PWR		S	TSSOP	20
MC74ACT273DTR2	On Semiconductor	tpd differs	CD74ACT273PWRE4		S	TSSOP	20
MC74ACT273DTR2G	On Semiconductor	Pb-Free	CD74ACT273PWR		S	TSSOP	20
MC74ACT273DW	On Semiconductor		CD74ACT273M		S	SOIC	20
MC74ACT273DW	On Semiconductor	tpd differs	CD74ACT273ME4		S	SOIC	20
MC74ACT273DWG	On Semiconductor	Pb-Free	CD74ACT273M		S	SOIC	20
MC74ACT273DWR2	On Semiconductor		CD74ACT273M96		S	SOIC	20
MC74ACT273DWR2	On Semiconductor	tpd differs	CD74ACT273M96E4		S	SOIC	20
MC74ACT273DWR2G	On Semiconductor	Pb-Free	CD74ACT273M96		S	SOIC	20
MC74ACT273N	On Semiconductor		CD74ACT273E		S	PDIP	20
MC74ACT273NG	On Semiconductor	Pb-Free	CD74ACT273E		S	PDIP	20
MC74ACT299DW	On Semiconductor		CD74ACT299M		S	SOIC	20
MC74ACT299DWG	On Semiconductor	Pb-Free	CD74ACT299M		S	SOIC	20
MC74ACT299DWR2	On Semiconductor		CD74ACT299M96		S	SOIC	20
MC74ACT299DWR2G	On Semiconductor	Pb-Free	CD74ACT299M96		S	SOIC	20
MC74ACT32D	On Semiconductor		CD74ACT32M		S	SOIC	14

MC74ACT244DTR2G — MC74ACT32D

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74ACT32D	On Semiconductor		SN74ACT32D		S	SOIC	14
MC74ACT32DG	On Semiconductor	Pb-Free	CD74ACT32M		S	SOIC	14
MC74ACT32DG	On Semiconductor		SN74ACT32D		S	SOIC	14
MC74ACT32DR1	On Semiconductor		SN74ACT32DR		S	SOIC	14
MC74ACT32DR2	On Semiconductor		CD74ACT32M96		S	SOIC	14
MC74ACT32DR2	On Semiconductor		SN74ACT32DR		S	SOIC	14
MC74ACT32DR2G	On Semiconductor	Pb-Free	CD74ACT32M96		S	SOIC	14
MC74ACT32DR2G	On Semiconductor		SN74ACT32DR		S	SOIC	14
MC74ACT32DT	On Semiconductor		SN74ACT32PW		S	TSSOP	14
MC74ACT32DTEL	On Semiconductor		SN74ACT32PWR		S	TSSOP	14
MC74ACT32DTELG	On Semiconductor	Pb-Free	SN74ACT32PWR		S	TSSOP	14
MC74ACT32DTG	On Semiconductor	Pb-Free	SN74ACT32PW		S	TSSOP	14
MC74ACT32DTR2	On Semiconductor		SN74ACT32PWR		S	TSSOP	14
MC74ACT32DTR2G	On Semiconductor	Pb-Free	SN74ACT32PWR		S	TSSOP	14
MC74ACT32M	On Semiconductor		SN74ACT32NSR		S	SOP-EIAJ-II	14
MC74ACT32MEL	On Semiconductor		SN74ACT32NSR		S	SOP-EIAJ-II	14
MC74ACT32MELG	On Semiconductor	Pb-Free	SN74ACT32NSR		S	SOP-EIAJ-II	14
MC74ACT32MG	On Semiconductor	Pb-Free	SN74ACT32NSR		S	SOP-EIAJ-II	14
MC74ACT32N	On Semiconductor		CD74ACT32E		S	PDIP	14
MC74ACT32N	On Semiconductor		SN74ACT32N		S	PDIP	14
MC74ACT32NG	On Semiconductor	Pb-Free	CD74ACT32E		S	PDIP	14
MC74ACT32NG	On Semiconductor		SN74ACT32N		S	PDIP	14
MC74ACT373DT	On Semiconductor		SN74ACT373PW		S	TSSOP	20
MC74ACT373DTG	On Semiconductor	Pb-Free	SN74ACT373PW		S	TSSOP	20
MC74ACT373DTR2	On Semiconductor		SN74ACT373PWR		S	TSSOP	20
MC74ACT373DTR2G	On Semiconductor	Pb-Free	SN74ACT373PWR		S	TSSOP	20
MC74ACT373DW	On Semiconductor		CD74ACT373M		S	SOIC	20
MC74ACT373DW	On Semiconductor		SN74ACT373DW		S	SOIC	20
MC74ACT373DWG	On Semiconductor		CD74ACT373M		S	SOIC	20
MC74ACT373DWR2	On Semiconductor		CD74ACT373M96		S	SOIC	20
MC74ACT373DWR2G	On Semiconductor		CD74ACT373M96		S	SOIC	20
MC74ACT373M	On Semiconductor		SN74ACT373DW		S	SOEIAJ	20
MC74ACT373M	On Semiconductor		SN74ACT373NSR		S	SOEIAJ	20
MC74ACT373MEL	On Semiconductor		SN74ACT373DWR		S	SOEIAJ	20
MC74ACT373MEL	On Semiconductor		SN74ACT373NSR		S	SOP-EIAJ-II	20
MC74ACT373MELG	On Semiconductor	Pb-Free	SN74ACT373NSR		S	SOP-EIAJ-II	20
MC74ACT373MG	On Semiconductor		SN74ACT373NSR		S	SOEIAJ	20
MC74ACT373N	On Semiconductor		CD74ACT373E		S	PDIP	20
MC74ACT373NG	On Semiconductor		CD74ACT373E		S	PDIP	20
MC74ACT374DT	On Semiconductor		SN74ACT374PW		S	TSSOP	20
MC74ACT374DTEL	On Semiconductor		SN74ACT374PWR		S	TSSOP	20
MC74ACT374DTELG	On Semiconductor	Pb-Free	SN74ACT374PWR		S	TSSOP	20
MC74ACT374DTG	On Semiconductor	Pb-Free	SN74ACT374PW		S	TSSOP	20
MC74ACT374DTR2	On Semiconductor		SN74ACT374PWR		S	TSSOP	20
MC74ACT374DTR2G	On Semiconductor	Pb-Free	SN74ACT374PWR		S	TSSOP	20
MC74ACT374DW	On Semiconductor	tpd differs	CD74ACT374M		S	SOIC	20
MC74ACT374DW	On Semiconductor	tpd differs	CD74ACT374ME4		S	SOIC	20
MC74ACT374DW	On Semiconductor	tpd differs	SN74ACT374DW		S	SOIC	20
MC74ACT374DW	On Semiconductor	tpd differs	SN74ACT374DWE4		S	SOIC	20
MC74ACT374DWG	On Semiconductor	tpd differs	CD74ACT374M		S	SOIC	20
MC74ACT374DWG	On Semiconductor	tpd differs	CD74ACT374ME4		S	SOIC	20
MC74ACT374DWG	On Semiconductor	tpd differs	SN74ACT374DW		S	SOIC	20
MC74ACT374DWG	On Semiconductor	tpd differs	SN74ACT374DWE4		S	SOIC	20
MC74ACT374DWR2	On Semiconductor	tpd differs	CD74ACT374M96		S	SOIC	20
MC74ACT374DWR2	On Semiconductor	tpd differs	CD74ACT374M96E4		S	SOIC	20
MC74ACT374DWR2	On Semiconductor	tpd differs	SN74ACT374DWRE4		S	SOIC	20
MC74ACT374DWR2G	On Semiconductor	tpd differs	CD74ACT374M96		S	SOIC	20
MC74ACT374DWR2G	On Semiconductor	tpd differs	CD74ACT374M96E4		S	SOIC	20
MC74ACT374DWR2G	On Semiconductor	tpd differs	SN74ACT374DWR		S	SOIC	20
MC74ACT374DWR2G	On Semiconductor	tpd differs	SN74ACT374DWRE4		S	SOIC	20
MC74ACT374M	On Semiconductor		SN74ACT374NSR		S	SOP-EIAJ-II	20
MC74ACT374MEL	On Semiconductor		SN74ACT374NSR		S	SOP-EIAJ-II	20
MC74ACT374MELG	On Semiconductor	Pb-Free	SN74ACT374NSR		S	SOP-EIAJ-II	20
MC74ACT374MG	On Semiconductor	Pb-Free	SN74ACT374NSR		S	SOP-EIAJ-II	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74ACT374N	On Semiconductor	tpd differs	CD74ACT374E		S	PDIP	20
MC74ACT374NG	On Semiconductor	tpd differs	CD74ACT374E		S	PDIP	20
MC74ACT374NG	On Semiconductor	tpd differs	SN74ACT374N		S	PDIP	20
MC74ACT533DW	Motorola (MOT)	Discontinued	SN74ACT533DW		S	SOIC	20
MC74ACT533N	Motorola (MOT)	Discontinued	SN74ACT533N		S	PDIP	20
MC74ACT533N	On Semiconductor		SN74ACT533N		S	PDIP	20
MC74ACT534DW	Motorola (MOT)	Discontinued	SN74ACT534DW		S	SOIC	20
MC74ACT534DW	On Semiconductor		SN74ACT534DW		S	SOIC	20
MC74ACT534DWR2	Motorola (MOT)	Discontinued	SN74ACT534DWR		S	SOIC	20
MC74ACT534DWR2	On Semiconductor		SN74ACT534DWR		S	SOIC	20
MC74ACT534N	Motorola (MOT)	Discontinued	SN74ACT534N		S	PDIP	20
MC74ACT534N	On Semiconductor		SN74ACT534N		S	PDIP	20
MC74ACT540DW	On Semiconductor		CD74ACT540M		S	SOIC	20
MC74ACT540DWG	On Semiconductor	Pb-Free	CD74ACT540M		S	SOIC	20
MC74ACT540DWR2	On Semiconductor		CD74ACT540M96		S	SOIC	20
MC74ACT540DWR2G	On Semiconductor	Pb-Free	CD74ACT540M96		S	SOIC	20
MC74ACT540N	On Semiconductor		CD74ACT540E		S	PDIP	20
MC74ACT540NG	On Semiconductor	Pb-Free	CD74ACT540E		S	PDIP	20
MC74ACT541DW	On Semiconductor		CD74ACT541M		S	SOIC	20
MC74ACT541DWG	On Semiconductor	Pb-Free	CD74ACT541M		S	SOIC	20
MC74ACT541DWR2	On Semiconductor		CD74ACT541M96		S	SOIC	20
MC74ACT541DWR2G	On Semiconductor	Pb-Free	CD74ACT541M96		S	SOIC	20
MC74ACT541N	On Semiconductor		CD74ACT541E		S	PDIP	20
MC74ACT541NG	On Semiconductor	Pb-Free	CD74ACT541E		S	PDIP	20
MC74ACT564DW	On Semiconductor		SN74ACT564DW		S	SOIC	20
MC74ACT564DWG	On Semiconductor	Pb-Free	SN74ACT564DW		S	SOIC	20
MC74ACT564DWR2	On Semiconductor		SN74ACT564DWR		S	SOIC	20
MC74ACT564DWR2G	On Semiconductor	Pb-Free	SN74ACT564DWR		S	SOIC	20
MC74ACT564N	On Semiconductor		SN74ACT564N		S	PDIP	20
MC74ACT564NG	On Semiconductor	Pb-Free	SN74ACT564N		S	PDIP	20
MC74ACT573DT	On Semiconductor		SN74ACT573PW		S	TSSOP	20
MC74ACT573DTG	On Semiconductor	Pb-Free	SN74ACT573PW		S	TSSOP	20
MC74ACT573DTR2	On Semiconductor		SN74ACT573PWR		S	TSSOP	20
MC74ACT573DTR2G	On Semiconductor	Pb-Free	SN74ACT573PWR		S	TSSOP	20
MC74ACT573DW	On Semiconductor		CD74ACT573M		S	SOIC	20
MC74ACT573DWG	On Semiconductor		CD74ACT573M		S	SOIC	20
MC74ACT573DWR2	On Semiconductor		CD74ACT573M96		S	SOIC	20
MC74ACT573DWR2	On Semiconductor		SN74ACT573DWR		S	SOIC	20
MC74ACT573DWR2G	On Semiconductor		CD74ACT573M96		S	SOIC	20
MC74ACT573M	On Semiconductor		SN74ACT573DW		S	SOEIAJ	20
MC74ACT573M	On Semiconductor		SN74ACT573NSR		S	SOEIAJ	20
MC74ACT573MEL	On Semiconductor		SN74ACT573DWR		S	SOEIAJ	20
MC74ACT573MEL	On Semiconductor		SN74ACT573NSR		S	SOP-EIAJ-II	20
MC74ACT573MELG	On Semiconductor	Pb-Free	SN74ACT573NSR		S	SOP-EIAJ-II	20
MC74ACT573MG	On Semiconductor		SN74ACT573NSR		S	SOEIAJ	20
MC74ACT573N	On Semiconductor		CD74ACT573E		S	PDIP	20
MC74ACT573NG	On Semiconductor		CD74ACT573E		S	PDIP	20
MC74ACT574DT	On Semiconductor		SN74ACT574PW		S	TSSOP	20
MC74ACT574DTEL	On Semiconductor		SN74ACT574PWR		S	TSSOP	20
MC74ACT574DTEL	On Semiconductor	Pb-Free	SN74ACT574PWR		S	TSSOP	20
MC74ACT574DTG	On Semiconductor	Pb-Free	SN74ACT574PW		S	TSSOP	20
MC74ACT574DTR2	On Semiconductor		SN74ACT574PWR		S	TSSOP	20
MC74ACT574DTR2G	On Semiconductor	Pb-Free	SN74ACT574PWR		S	TSSOP	20
MC74ACT574DW	On Semiconductor	tpd differs	CD74ACT574M		S	SOIC	20
MC74ACT574DW	On Semiconductor	tpd differs	CD74ACT574ME4		S	SOIC	20
MC74ACT574DW	On Semiconductor	tpd differs	SN74ACT574DWE4		S	SOIC	20
MC74ACT574DWG	On Semiconductor	tpd differs	CD74ACT574M		S	SOIC	20
MC74ACT574DWR2	On Semiconductor	tpd differs	CD74ACT574M96		S	SOIC	20
MC74ACT574DWR2	On Semiconductor	tpd differs	CD74ACT574M96E4		S	SOIC	20
MC74ACT574DWR2	On Semiconductor	tpd differs	SN74ACT574DWE4		S	SOIC	20
MC74ACT574DWR2G	On Semiconductor	tpd differs	CD74ACT574M96		S	SOIC	20
MC74ACT574M	On Semiconductor		SN74ACT574NSR		S	SOP-EIAJ-II	20
MC74ACT574MEL	On Semiconductor		SN74ACT574NSR		S	SOP-EIAJ-II	20
MC74ACT574MELG	On Semiconductor	Pb-Free	SN74ACT574NSR		S	SOP-EIAJ-II	20

MC74ACT374N — MC74ACT574MELG

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74ACT574MG	On Semiconductor	Pb-Free	SN74ACT574NSR		S	SOP-EIAJ-II	20
MC74ACT574N	On Semiconductor	tpd differs	CD74ACT574E		S	PDIP	20
MC74ACT574NG	On Semiconductor	tpd differs	CD74ACT574E		S	PDIP	20
MC74ACT623DW	Motorola (MOT)	Discontinued	CD74ACT623M96		S	SOIC	20
MC74ACT623DW	On Semiconductor	tpd differs	CD74ACT623M96		S	SOIC	20
MC74ACT623DWR2	Motorola (MOT)	Discontinued	CD74ACT623M96		S	SOIC	20
MC74ACT623DWR2	On Semiconductor	tpd differs	CD74ACT623M96		S	SOIC	20
MC74ACT646DW	On Semiconductor		CD74ACT646M		S	SOIC	24
MC74ACT646DWG	On Semiconductor	Pb-Free	CD74ACT646M		S	SOIC	24
MC74ACT646DWR2	On Semiconductor		CD74ACT646M96		S	SOIC	24
MC74ACT646DWR2G	On Semiconductor	Pb-Free	CD74ACT646M96		S	SOIC	24
MC74ACT646N	On Semiconductor		CD74ACT646EN		S	PDIP	24
MC74ACT646NG	On Semiconductor	Pb-Free	CD74ACT646EN		S	PDIP	24
MC74ACT652DW	On Semiconductor		CD74ACT652M		S	SOIC	24
MC74ACT652DW	On Semiconductor	tpd differs	CD74ACT652M96		S	SOIC	24
MC74ACT652DWG	On Semiconductor	Pb-Free	CD74ACT652M		S	SOIC	24
MC74ACT652DWR2	On Semiconductor	tpd differs	CD74ACT652M		S	SOIC	24
MC74ACT652DWR2	On Semiconductor		CD74ACT652M96		S	SOIC	24
MC74ACT652DWR2G	On Semiconductor	Pb-Free	CD74ACT652M96		S	SOIC	24
MC74ACT652N	On Semiconductor		CD74ACT652EN		S	PDIP	24
MC74ACT652NG	On Semiconductor	Pb-Free	CD74ACT652EN		S	PDIP	24
MC74ACT74D	On Semiconductor		CD74ACT74M		S	SOIC	14
MC74ACT74D	On Semiconductor	tpd differs	CD74ACT74ME4		S	SOIC	14
MC74ACT74DG	On Semiconductor	Pb-Free	CD74ACT74M		S	SOIC	14
MC74ACT74DR2G	On Semiconductor	Pb-Free	CD74ACT74M96		S	SOIC	14
MC74ACT74DR2G	On Semiconductor	tpd differs	CD74ACT74M96E4		S	SOIC	14
MC74ACT74DR2G	On Semiconductor		SN74ACT74DR		S	SOIC	14
MC74ACT74DT	On Semiconductor		SN74ACT74PW		S	TSSOP	14
MC74ACT74DTEL	On Semiconductor		SN74ACT74PWR		S	TSSOP	14
MC74ACT74DTELG	On Semiconductor	Pb-Free	SN74ACT74PWR		S	TSSOP	14
MC74ACT74DTG	On Semiconductor	Pb-Free	SN74ACT74PW		S	TSSOP	14
MC74ACT74DTR2	On Semiconductor		SN74ACT74PWR		S	TSSOP	14
MC74ACT74DTR2G	On Semiconductor	Pb-Free	SN74ACT74PWR		S	TSSOP	14
MC74ACT74M	On Semiconductor		SN74ACT74NSR		S	SOP-EIAJ-II	14
MC74ACT74MEL	On Semiconductor		SN74ACT74NSR		S	SOP-EIAJ-II	14
MC74ACT74MELG	On Semiconductor	Pb-Free	SN74ACT74NSR		S	SOP-EIAJ-II	14
MC74ACT74MG	On Semiconductor	Pb-Free	SN74ACT74NSR		S	SOP-EIAJ-II	14
MC74ACT74N	On Semiconductor		CD74ACT74E		S	PDIP	14
MC74ACT74NG	On Semiconductor	Pb-Free	CD74ACT74E		S	PDIP	14
MC74ACT74NG	On Semiconductor		SN74ACT74N		S	PDIP	14
MC74ACT86D	On Semiconductor		CD74ACT86M		S	SOIC	14
MC74ACT86D	On Semiconductor		SN74ACT86D		S	SOIC	14
MC74ACT86DG	On Semiconductor	Pb-Free	CD74ACT86M		S	SOIC	14
MC74ACT86DG	On Semiconductor		SN74ACT86D		S	SOIC	14
MC74ACT86DR2	On Semiconductor		CD74ACT86M96		S	SOIC	14
MC74ACT86DR2	On Semiconductor		SN74ACT86DR		S	SOIC	14
MC74ACT86DR2G	On Semiconductor	Pb-Free	CD74ACT86M96		S	SOIC	14
MC74ACT86DR2G	On Semiconductor		SN74ACT86DR		S	SOIC	14
MC74ACT86DT	On Semiconductor		SN74ACT86PW		S	TSSOP	14
MC74ACT86DTG	On Semiconductor	Pb-Free	SN74ACT86PW		S	TSSOP	14
MC74ACT86DTR2	On Semiconductor		SN74ACT86PWR		S	TSSOP	14
MC74ACT86DTR2G	On Semiconductor	Pb-Free	SN74ACT86PWR		S	TSSOP	14
MC74ACT86M	On Semiconductor		SN74ACT86NSR		S	SOP-EIAJ-II	14
MC74ACT86MEL	On Semiconductor		SN74ACT86NSR		S	SOP-EIAJ-II	14
MC74ACT86MELG	On Semiconductor	Pb-Free	SN74ACT86NSR		S	SOP-EIAJ-II	14
MC74ACT86MG	On Semiconductor	Pb-Free	SN74ACT86NSR		S	SOP-EIAJ-II	14
MC74ACT86N	On Semiconductor		CD74ACT86E		S	PDIP	14
MC74ACT86N	On Semiconductor		SN74ACT86N		S	PDIP	14
MC74ACT86NG	On Semiconductor	Pb-Free	CD74ACT86E		S	PDIP	14
MC74ACT86NG	On Semiconductor		SN74ACT86N		S	PDIP	14
MC74F00D	Motorola (MOT)	Discontinued	SN74F00D		S	SOIC	14
MC74F00D	On Semiconductor		SN74F00D		S	SOIC	14
MC74F00DR2	Motorola (MOT)	Discontinued	SN74F00DR		S	SOIC	14
MC74F00DR2	On Semiconductor		SN74F00DR		S	SOIC	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74F00N	Motorola (MOT)	Discontinued	SN74F00N		S	PDIP	14
MC74F00N	On Semiconductor		SN74F00N		S	PDIP	14
MC74F02D	Motorola (MOT)	Discontinued	SN74F02D		S	SOIC	14
MC74F02D	On Semiconductor		SN74F02D		S	SOIC	14
MC74F02DR2	Motorola (MOT)	Discontinued	SN74F02DR		S	SOIC	14
MC74F02DR2	On Semiconductor		SN74F02DR		S	SOIC	14
MC74F02N	Motorola (MOT)	Discontinued	SN74F02N		S	PDIP	14
MC74F02N	On Semiconductor		SN74F02N		S	PDIP	14
MC74F04D	Motorola (MOT)	Discontinued	SN74F04D		S	SOIC	14
MC74F04D	On Semiconductor		SN74F04D		S	SOIC	14
MC74F04DR2	Motorola (MOT)	Discontinued	SN74F04DR		S	SOIC	14
MC74F04DR2	On Semiconductor		SN74F04DR		S	SOIC	14
MC74F04N	Motorola (MOT)	Discontinued	SN74F04N		S	PDIP	14
MC74F04N	On Semiconductor		SN74F04N		S	PDIP	14
MC74F08D	Motorola (MOT)	Discontinued	SN74F08D		S	SOIC	14
MC74F08DR2	Motorola (MOT)	Discontinued	SN74F08DR		S	SOIC	14
MC74F08N	Motorola (MOT)	Discontinued	SN74F08N		S	PDIP	14
MC74F109D	Motorola (MOT)	Discontinued	SN74F109D		S	SOIC	16
MC74F109DR2	Motorola (MOT)	Discontinued	SN74F109DR		S	SOIC	16
MC74F109N	Motorola (MOT)	Discontinued	SN74F109N		S	PDIP	16
MC74F10D	Motorola (MOT)	Discontinued	SN74F10D		S	SOIC	14
MC74F10DR2	Motorola (MOT)	Discontinued	SN74F10DR		S	SOIC	14
MC74F10N	Motorola (MOT)	Discontinued	SN74F10N		S	PDIP	14
MC74F112D	Motorola (MOT)	Discontinued	SN74F112D		S	SOIC	16
MC74F112DR2	Motorola (MOT)	Discontinued	SN74F112DR		S	SOIC	16
MC74F112N	Motorola (MOT)	Discontinued	SN74F112N		S	PDIP	16
MC74F11D	Motorola (MOT)	Discontinued	SN74F11D		S	SOIC	14
MC74F11DR2	Motorola (MOT)	Discontinued	SN74F11DR		S	SOIC	14
MC74F11N	Motorola (MOT)	Discontinued	SN74F11N		S	PDIP	14
MC74F125D	Motorola (MOT)	Discontinued	SN74F125D		S	SOIC	14
MC74F125DR2	Motorola (MOT)	Discontinued	SN74F125DR		S	SOIC	14
MC74F125N	Motorola (MOT)	Discontinued	SN74F125N		S	PDIP	14
MC74F126D	Motorola (MOT)	Discontinued	SN74F126D		S	SOIC	14
MC74F126DR2	Motorola (MOT)	Discontinued	SN74F126DR		S	SOIC	14
MC74F126N	Motorola (MOT)	Discontinued	SN74F126N		S	PDIP	14
MC74F138D	Motorola (MOT)	Discontinued	SN74F138D		S	SOIC	16
MC74F138DR2	Motorola (MOT)	Discontinued	SN74F138DR		S	SOIC	16
MC74F138N	Motorola (MOT)	Discontinued	SN74F138N		S	PDIP	16
MC74F151D	Motorola (MOT)	Discontinued	SN74F151BD		S	SOIC	16
MC74F151DR2	Motorola (MOT)	Discontinued	SN74F151BDR		S	SOIC	16
MC74F151N	Motorola (MOT)	Discontinued	SN74F151BN		S	PDIP	16
MC74F153D	Motorola (MOT)	Discontinued	SN74F153D		S	SOIC	16
MC74F153DR2	Motorola (MOT)	Discontinued	SN74F153DR		S	SOIC	16
MC74F153N	Motorola (MOT)	Discontinued	SN74F153N		S	PDIP	16
MC74F157AD	Motorola (MOT)	Discontinued	SN74F157AD		S	SOIC	16
MC74F157ADR2	Motorola (MOT)	Discontinued	SN74F157ADR		S	SOIC	16
MC74F157AN	Motorola (MOT)	Discontinued	SN74F157AN		S	PDIP	16
MC74F161AD	Motorola (MOT)	Discontinued	SN74F161AD		S	SOIC	16
MC74F161ADR2	Motorola (MOT)	Discontinued	SN74F161ADR		S	SOIC	16
MC74F161AN	Motorola (MOT)	Discontinued	SN74F161AN		S	PDIP	16
MC74F163AD	Motorola (MOT)	Discontinued	SN74F163AD		S	SOIC	16
MC74F163ADR2	Motorola (MOT)	Discontinued	SN74F163ADR		S	SOIC	16
MC74F163AN	Motorola (MOT)	Discontinued	SN74F163AN		S	PDIP	16
MC74F169D	Motorola (MOT)	Discontinued	SN74F169D		S	SOIC	16
MC74F169DR2	Motorola (MOT)	Discontinued	SN74F169DR		S	SOIC	16
MC74F169N	Motorola (MOT)	Discontinued	SN74F169N		S	PDIP	16
MC74F174D	Motorola (MOT)	Discontinued	SN74F174AD		S	SOIC	16
MC74F174DR2	Motorola (MOT)	Discontinued	SN74F174ADR		S	SOIC	16
MC74F174N	Motorola (MOT)	Discontinued	SN74F174AN		S	PDIP	16
MC74F175D	Motorola (MOT)	Discontinued	SN74F175D		S	SOIC	16
MC74F175DR2	Motorola (MOT)	Discontinued	SN74F175DR		S	SOIC	16
MC74F175N	Motorola (MOT)	Discontinued	SN74F175N		S	PDIP	16
MC74F20D	Motorola (MOT)	Discontinued	SN74F20D		S	SOIC	14
MC74F20DR2	Motorola (MOT)	Discontinued	SN74F20DR		S	SOIC	14

MC74F00N — MC74F20DR2

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74F20N	Motorola (MOT)	Discontinued	SN74F20N		S	PDIP	14
MC74F240DW	Motorola (MOT)	Discontinued	SN74F240DW		S	SOIC	20
MC74F240DWR2	Motorola (MOT)	Discontinued	SN74F240DWR		S	SOIC	20
MC74F240N	Motorola (MOT)	Discontinued	SN74F240N		S	PDIP	20
MC74F241DW	Motorola (MOT)	Discontinued	SN74F241DW		S	SOIC	20
MC74F241DWR2	Motorola (MOT)	Discontinued	SN74F241DWR		S	SOIC	20
MC74F241N	Motorola (MOT)	Discontinued	SN74F241N		S	PDIP	20
MC74F244DW	Motorola (MOT)	Discontinued	SN74F244DW		S	SOIC	20
MC74F244DWR2	Motorola (MOT)	Discontinued	SN74F244DWR		S	SOIC	20
MC74F244N	Motorola (MOT)	Discontinued	SN74F244N		S	PDIP	20
MC74F245DW	Motorola (MOT)	Discontinued	SN74F245DW		S	SOIC	20
MC74F245DWR2	Motorola (MOT)	Discontinued	SN74F245DWR		S	SOIC	20
MC74F245N	Motorola (MOT)	Discontinued	SN74F245N		S	PDIP	20
MC74F251D	Motorola (MOT)	Discontinued	SN74F251BD		S	SOIC	16
MC74F251DR2	Motorola (MOT)	Discontinued	SN74F251BDR		S	SOIC	16
MC74F251N	Motorola (MOT)	Discontinued	SN74F251BN		S	PDIP	16
MC74F253D	Motorola (MOT)	Discontinued	SN74F253D		S	SOIC	16
MC74F253DR2	Motorola (MOT)	Discontinued	SN74F253DR		S	SOIC	16
MC74F253N	Motorola (MOT)	Discontinued	SN74F253N		S	PDIP	16
MC74F257AD	Motorola (MOT)	Discontinued	SN74F257D		S	SOIC	16
MC74F257ADR2	Motorola (MOT)	Discontinued	SN74F257DR		S	SOIC	16
MC74F257AN	Motorola (MOT)	Discontinued	SN74F257N		S	PDIP	16
MC74F258AD	Motorola (MOT)	Discontinued	SN74F258D		S	SOIC	16
MC74F258ADR2	Motorola (MOT)	Discontinued	SN74F258DR		S	SOIC	16
MC74F258AN	Motorola (MOT)	Discontinued	SN74F258N		S	PDIP	16
MC74F280D	Motorola (MOT)	Discontinued	SN74F280BD		S	SOIC	14
MC74F280DR2	Motorola (MOT)	Discontinued	SN74F280BDR		S	SOIC	14
MC74F280N	Motorola (MOT)	Discontinued	SN74F280BN		S	PDIP	14
MC74F283D	Motorola (MOT)	Discontinued	SN74F283D		S	SOIC	16
MC74F283DR2	Motorola (MOT)	Discontinued	SN74F283DR		S	SOIC	16
MC74F283N	Motorola (MOT)	Discontinued	SN74F283N		S	PDIP	16
MC74F299DW	Motorola (MOT)	Discontinued	SN74F299DW		S	SOIC	20
MC74F299DWR2	Motorola (MOT)	Discontinued	SN74F299DWR		S	SOIC	20
MC74F299N	Motorola (MOT)	Discontinued	SN74F299N		S	PDIP	20
MC74F32D	Motorola (MOT)	Discontinued	SN74F32D		S	SOIC	14
MC74F32DR2	Motorola (MOT)	Discontinued	SN74F32DR		S	SOIC	14
MC74F32N	Motorola (MOT)	Discontinued	SN74F32N		S	PDIP	14
MC74F373DW	Motorola (MOT)	Discontinued	SN74F373DW		S	SOIC	20
MC74F373DWR2	Motorola (MOT)	Discontinued	SN74F373DWR		S	SOIC	20
MC74F373N	Motorola (MOT)	Discontinued	SN74F373N		S	PDIP	20
MC74F374DW	Motorola (MOT)	Discontinued	SN74F374DW		S	SOIC	20
MC74F374DWR2	Motorola (MOT)	Discontinued	SN74F374DWR		S	SOIC	20
MC74F374N	Motorola (MOT)	Discontinued	SN74F374N		S	PDIP	20
MC74F377DW	Motorola (MOT)	Discontinued	SN74F377ADW		S	SOIC	20
MC74F377DWR2	Motorola (MOT)	Discontinued	SN74F377ADWR		S	SOIC	20
MC74F377N	Motorola (MOT)	Discontinued	SN74F377AN		S	PDIP	20
MC74F38D	Motorola (MOT)	Discontinued	SN74F38D		S	SOIC	14
MC74F38DR2	Motorola (MOT)	Discontinued	SN74F38DR		S	SOIC	14
MC74F38N	Motorola (MOT)	Discontinued	SN74F38N		S	PDIP	14
MC74F521DW	Motorola (MOT)	Discontinued	SN74F521DW		S	SOIC	20
MC74F521DWR2	Motorola (MOT)	Discontinued	SN74F521DWR		S	SOIC	20
MC74F521N	Motorola (MOT)	Discontinued	SN74F521N		S	PDIP	20
MC74F543DW	Motorola (MOT)	Discontinued	SN74F543DW		S	SOIC	24
MC74F543DWR2	Motorola (MOT)	Discontinued	SN74F543DWR		S	SOIC	24
MC74F574DW	Motorola (MOT)	Discontinued	SN74F574DW		S	SOIC	20
MC74F574DWR2	Motorola (MOT)	Discontinued	SN74F574DWR		S	SOIC	20
MC74F574N	Motorola (MOT)	Discontinued	SN74F574N		S	PDIP	20
MC74F657ADW	Motorola (MOT)	Discontinued	SN74F657DW		S	SOIC	24
MC74F657ADWR2	Motorola (MOT)	Discontinued	SN74F657DWR		S	SOIC	24
MC74F657AN	Motorola (MOT)	Discontinued	SN74F657NT		S	PDIP	24
MC74F74D	Motorola (MOT)	Discontinued	SN74F74D		S	SOIC	14
MC74F74DR2	Motorola (MOT)	Discontinued	SN74F74DR		S	SOIC	14
MC74F74N	Motorola (MOT)	Discontinued	SN74F74N		S	PDIP	14
MC74F86D	Motorola (MOT)	Discontinued	SN74F86D		S	SOIC	14

**Replacement Codes****S** - The TI device is a Direct Replacement**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74F86DR2	Motorola (MOT)	Discontinued	SN74F86DR		S	SOIC	14
MC74F86N	Motorola (MOT)	Discontinued	SN74F86N		S	PDIP	14
MC74HC00AD	On Semiconductor		CD74HC00M		S	SOIC	14
MC74HC00AD	On Semiconductor	tpd differs	SN74HC00D		S	SOIC	14
MC74HC00AD	On Semiconductor	tpd differs	SN74HC00DE4		S	SOIC	14
MC74HC00AD	On Semiconductor	tpd differs	SN74HC00DG4		S	SOIC	14
MC74HC00ADG	On Semiconductor	Pb-Free	CD74HC00M		S	SOIC	14
MC74HC00ADG	On Semiconductor	tpd differs	SN74HC00D		S	SOIC	14
MC74HC00ADG	On Semiconductor	tpd differs	SN74HC00DE4		S	SOIC	14
MC74HC00ADG	On Semiconductor	tpd differs	SN74HC00DG4		S	SOIC	14
MC74HC00ADR2	On Semiconductor		CD74HC00M96		S	SOIC	14
MC74HC00ADR2	On Semiconductor	tpd differs	SN74HC00DR		S	SOIC	14
MC74HC00ADR2	On Semiconductor	tpd differs	SN74HC00DRE4		S	SOIC	14
MC74HC00ADR2	On Semiconductor	tpd differs	SN74HC00DRG4		S	SOIC	14
MC74HC00ADR2	On Semiconductor	tpd differs	SN74HC00DT		S	SOIC	14
MC74HC00ADR2	On Semiconductor	tpd differs	SN74HC00DTE4		S	SOIC	14
MC74HC00ADR2G	On Semiconductor	Pb-Free	CD74HC00M96		S	SOIC	14
MC74HC00ADR2G	On Semiconductor	tpd differs	SN74HC00DR		S	SOIC	14
MC74HC00ADR2G	On Semiconductor	tpd differs	SN74HC00DRE4		S	SOIC	14
MC74HC00ADR2G	On Semiconductor	tpd differs	SN74HC00DRG4		S	SOIC	14
MC74HC00ADR2G	On Semiconductor	tpd differs	SN74HC00DT		S	SOIC	14
MC74HC00ADR2G	On Semiconductor	tpd differs	SN74HC00DTE4		S	SOIC	14
MC74HC00ADT	On Semiconductor		SN74HC00PW		S	TSSOP	14
MC74HC00ADTEL	On Semiconductor	Discontinued 10/02/2001	SN74HC00PWR		S	TSSOP	14
MC74HC00ADTG	On Semiconductor	Pb-Free	SN74HC00PW		S	TSSOP	14
MC74HC00ADTR2	On Semiconductor		SN74HC00PWR		S	TSSOP	14
MC74HC00ADTR2	On Semiconductor	tpd differs	SN74HC00PWRG4		S	TSSOP	14
MC74HC00ADTR2G	On Semiconductor	Pb-Free	SN74HC00PWR		S	TSSOP	14
MC74HC00ADTR2G	On Semiconductor	tpd differs	SN74HC00PWRG4		S	TSSOP	14
MC74HC00AF	On Semiconductor		SN74HC00NSR		S	SOP-EIAJ-II	14
MC74HC00AFEL	On Semiconductor		SN74HC00NSR		S	SOP-EIAJ-II	14
MC74HC00AFEL	On Semiconductor	tpd differs	SN74HC00NSRE4		S	SOP-EIAJ-II	14
MC74HC00AFEL	On Semiconductor	tpd differs	SN74HC00NSRG4		S	SOP-EIAJ-II	14
MC74HC00AFELG	On Semiconductor	Pb-Free	SN74HC00NSR		S	SOP-EIAJ-II	14
MC74HC00AFELG	On Semiconductor	tpd differs	SN74HC00NSRE4		S	SOP-EIAJ-II	14
MC74HC00AFELG	On Semiconductor	tpd differs	SN74HC00NSRG4		S	SOP-EIAJ-II	14
MC74HC00AFG	On Semiconductor	Pb-Free	SN74HC00NSR		S	SOP-EIAJ-II	14
MC74HC00AN	On Semiconductor		CD74HC00E		S	PDIP	14
MC74HC00AN	On Semiconductor	tpd differs	SN74HC00N		S	PDIP	14
MC74HC00AN	On Semiconductor	tpd differs	SN74HC00NE4		S	PDIP	14
MC74HC00ANG	On Semiconductor	Pb-Free	CD74HC00E		S	PDIP	14
MC74HC00ANG	On Semiconductor	tpd differs	SN74HC00N		S	PDIP	14
MC74HC00ANG	On Semiconductor	tpd differs	SN74HC00NE4		S	PDIP	14
MC74HC02AD	On Semiconductor		CD74HC02M		S	SOIC	14
MC74HC02AD	On Semiconductor	tpd differs	SN74HC02D		S	SOIC	14
MC74HC02AD	On Semiconductor	tpd differs	SN74HC02DE4		S	SOIC	14
MC74HC02ADG	On Semiconductor	tpd differs	SN74HC02D		S	SOIC	14
MC74HC02ADG	On Semiconductor	tpd differs	SN74HC02DE4		S	SOIC	14
MC74HC02ADG	On Semiconductor	Pb-Free	CD74HC02M		S	SOIC	14
MC74HC02ADR2	On Semiconductor		CD74HC02M96		S	SOIC	14
MC74HC02ADR2	On Semiconductor	tpd differs	SN74HC02DR		S	SOIC	14
MC74HC02ADR2	On Semiconductor	tpd differs	SN74HC02DRE4		S	SOIC	14
MC74HC02ADR2	On Semiconductor	tpd differs	SN74HC02DRG4		S	SOIC	14
MC74HC02ADR2	On Semiconductor	tpd differs	SN74HC02DTE4		S	SOIC	14
MC74HC02ADR2G	On Semiconductor	tpd differs	SN74HC02DR		S	SOIC	14
MC74HC02ADR2G	On Semiconductor	tpd differs	SN74HC02DRE4		S	SOIC	14
MC74HC02ADR2G	On Semiconductor	tpd differs	SN74HC02DRG4		S	SOIC	14
MC74HC02ADR2G	On Semiconductor	tpd differs	SN74HC02DTE4		S	SOIC	14
MC74HC02ADR2G	On Semiconductor	Pb-Free	CD74HC02M96		S	SOIC	14
MC74HC02ADT	On Semiconductor		SN74HC02PW		S	TSSOP	14
MC74HC02ADTEL	On Semiconductor	Discontinued 10/02/2001	SN74HC02PWR		S	TSSOP	14
MC74HC02ADTG	On Semiconductor	Pb-Free	SN74HC02PW		S	TSSOP	14
MC74HC02ADTR2	On Semiconductor		SN74HC02PWR		S	TSSOP	14
MC74HC02ADTR2	On Semiconductor	tpd differs	SN74HC02PWRG4		S	TSSOP	14

MC74F86DR2 — MC74HC02ADTR2

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74HC02ADTR2	On Semiconductor	tpd differs	SN74HC02PWT		S	TSSOP	14
MC74HC02ADTR2	On Semiconductor	tpd differs	SN74HC02PWTE4		S	TSSOP	14
MC74HC02ADTR2G	On Semiconductor	tpd differs	SN74HC02PWRG4		S	TSSOP	14
MC74HC02ADTR2G	On Semiconductor	tpd differs	SN74HC02PWT		S	TSSOP	14
MC74HC02ADTR2G	On Semiconductor	tpd differs	SN74HC02PWTE4		S	TSSOP	14
MC74HC02ADTR2G	On Semiconductor	Pb-Free	SN74HC02PWR		S	TSSOP	14
MC74HC02AF	On Semiconductor		SN74HC02NSR		S	SOP-EIAJ-II	14
MC74HC02AFEL	On Semiconductor	tpd differs	SN74HC02NSRG4		S	SOP-EIAJ-II	14
MC74HC02AFEL	On Semiconductor		SN74HC02NSR		S	SOP-EIAJ-II	14
MC74HC02AFELG	On Semiconductor	tpd differs	SN74HC02NSRG4		S	SOP-EIAJ-II	14
MC74HC02AFELG	On Semiconductor	Pb-Free	SN74HC02NSR		S	SOP-EIAJ-II	14
MC74HC02AFG	On Semiconductor	Pb-Free	SN74HC02NSR		S	SOP-EIAJ-II	14
MC74HC02AN	On Semiconductor		CD74HC02E		S	PDIP	14
MC74HC02AN	On Semiconductor	tpd differs	SN74HC02N		S	PDIP	14
MC74HC02AN	On Semiconductor	tpd differs	SN74HC02NE4		S	PDIP	14
MC74HC02ANG	On Semiconductor	Pb-Free	CD74HC02E		S	PDIP	14
MC74HC02ANG	On Semiconductor	tpd differs	SN74HC02N		S	PDIP	14
MC74HC02ANG	On Semiconductor	tpd differs	SN74HC02NE4		S	PDIP	14
MC74HC03AD	On Semiconductor		CD74HC03M		S	SOIC	14
MC74HC03AD	On Semiconductor	tpd differs	SN74HC03D		S	SOIC	14
MC74HC03ADG	On Semiconductor	Pb-Free	CD74HC03M		S	SOIC	14
MC74HC03ADG	On Semiconductor	tpd differs	SN74HC03D		S	SOIC	14
MC74HC03ADR2	On Semiconductor		CD74HC03M96		S	SOIC	14
MC74HC03ADR2	On Semiconductor	tpd differs	SN74HC03DR		S	SOIC	14
MC74HC03ADR2	On Semiconductor	tpd differs	SN74HC03DT		S	SOIC	14
MC74HC03ADR2G	On Semiconductor	Pb-Free	CD74HC03M96		S	SOIC	14
MC74HC03ADR2G	On Semiconductor	tpd differs	SN74HC03DR		S	SOIC	14
MC74HC03ADR2G	On Semiconductor	tpd differs	SN74HC03DT		S	SOIC	14
MC74HC03ADT	On Semiconductor		SN74HC03PW		S	TSSOP	14
MC74HC03ADTEL	On Semiconductor	Discontinued 10/02/2001	SN74HC03PWR		S	TSSOP	14
MC74HC03ADTG	On Semiconductor	Pb-Free	SN74HC03PW		S	TSSOP	14
MC74HC03ADTR2	On Semiconductor		SN74HC03PWR		S	TSSOP	14
MC74HC03ADTR2G	On Semiconductor	Pb-Free	SN74HC03PWR		S	TSSOP	14
MC74HC03AF	On Semiconductor		SN74HC03NSR		S	SOP-EIAJ-II	14
MC74HC03AFEL	On Semiconductor		SN74HC03NSR		S	SOP-EIAJ-II	14
MC74HC03AFELG	On Semiconductor	Pb-Free	SN74HC03NSR		S	SOP-EIAJ-II	14
MC74HC03AFG	On Semiconductor	Pb-Free	SN74HC03NSR		S	SOP-EIAJ-II	14
MC74HC03AN	On Semiconductor		CD74HC03E		S	PDIP	14
MC74HC03AN	On Semiconductor	tpd differs	SN74HC03N		S	PDIP	14
MC74HC03ANG	On Semiconductor	Pb-Free	CD74HC03E		S	PDIP	14
MC74HC03ANG	On Semiconductor	tpd differs	SN74HC03N		S	PDIP	14
MC74HC04AD	On Semiconductor		CD74HC04M		S	SOIC	14
MC74HC04AD	On Semiconductor		SN74HC04D		S	SOIC	14
MC74HC04ADG	On Semiconductor	Pb-Free	CD74HC04M		S	SOIC	14
MC74HC04ADR2	On Semiconductor		CD74HC04M96		S	SOIC	14
MC74HC04ADR2	On Semiconductor		SN74HC04DR		S	SOIC	14
MC74HC04ADR2G	On Semiconductor	Pb-Free	CD74HC04M96		S	SOIC	14
MC74HC04ADT	On Semiconductor		SN74HC04PW		S	TSSOP	14
MC74HC04ADTEL	On Semiconductor	Discontinued 10/02/2001	SN74HC04PWR		S	TSSOP	14
MC74HC04ADTG	On Semiconductor	Pb-Free	SN74HC04PW		S	TSSOP	14
MC74HC04ADTR2	On Semiconductor		SN74HC04PWR		S	TSSOP	14
MC74HC04ADTR2G	On Semiconductor	Pb-Free	SN74HC04PWR		S	TSSOP	14
MC74HC04AF	On Semiconductor		SN74HC04NSR		S	SOEIAJ	14
MC74HC04AFEL	On Semiconductor		SN74HC04NSR		S	SOP-EIAJ-II	14
MC74HC04AFELG	On Semiconductor	Pb-Free	SN74HC04NSR		S	SOP-EIAJ-II	14
MC74HC04AFG	On Semiconductor		SN74HC04NSR		S	SOEIAJ	14
MC74HC04AN	On Semiconductor		CD74HC04E		S	PDIP	14
MC74HC04AN	On Semiconductor		SN74HC04N		S	PDIP	14
MC74HC04ANG	On Semiconductor	Pb-Free	CD74HC04E		S	PDIP	14
MC74HC08AD	On Semiconductor		CD74HC08M		S	SOIC	14
MC74HC08AD	On Semiconductor		SN74HC08D		S	SOIC	14
MC74HC08AD	On Semiconductor		SN74HC08DE4		S	SOIC	14
MC74HC08ADG	On Semiconductor	Pb-Free	CD74HC08M		S	SOIC	14
MC74HC08ADG	On Semiconductor		SN74HC08D		S	SOIC	14

## Replacement Codes

S - The TI device is a Direct Replacement  
Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74HC08ADG	On Semiconductor		SN74HC08DE4		S	SOIC	14
MC74HC08ADR2	On Semiconductor		CD74HC08M96		S	SOIC	14
MC74HC08ADR2	On Semiconductor		SN74HC08DR		S	SOIC	14
MC74HC08ADR2	On Semiconductor		SN74HC08DRE4		S	SOIC	14
MC74HC08ADR2	On Semiconductor		SN74HC08DT		S	SOIC	14
MC74HC08ADR2	On Semiconductor		SN74HC08DTE4		S	SOIC	14
MC74HC08ADR2G	On Semiconductor	Pb-Free	CD74HC08M96		S	SOIC	14
MC74HC08ADR2G	On Semiconductor		SN74HC08DR		S	SOIC	14
MC74HC08ADR2G	On Semiconductor		SN74HC08DRE4		S	SOIC	14
MC74HC08ADR2G	On Semiconductor		SN74HC08DT		S	SOIC	14
MC74HC08ADR2G	On Semiconductor		SN74HC08DTE4		S	SOIC	14
MC74HC08ADT	On Semiconductor		CD74HC08PW		S	TSSOP	14
MC74HC08ADTEL	On Semiconductor		CD74HC08PWR		S	TSSOP	14
MC74HC08ADTELG	On Semiconductor	Pb-Free	CD74HC08PWR		S	TSSOP	14
MC74HC08ADTG	On Semiconductor	Pb-Free	CD74HC08PW		S	TSSOP	14
MC74HC08ADTR2	On Semiconductor		CD74HC08PWR		S	TSSOP	14
MC74HC08ADTR2	On Semiconductor		SN74HC08PWR		S	TSSOP	14
MC74HC08ADTR2	On Semiconductor		SN74HC08PWRE4		S	TSSOP	14
MC74HC08ADTR2	On Semiconductor		SN74HC08PWRG4		S	TSSOP	14
MC74HC08ADTR2G	On Semiconductor	Pb-Free	CD74HC08PWR		S	TSSOP	14
MC74HC08ADTR2G	On Semiconductor		SN74HC08PWR		S	TSSOP	14
MC74HC08ADTR2G	On Semiconductor		SN74HC08PWRE4		S	TSSOP	14
MC74HC08ADTR2G	On Semiconductor		SN74HC08PWRG4		S	TSSOP	14
MC74HC08AF	On Semiconductor		SN74HC08NSR		S	SOP-EIAJ-II	14
MC74HC08AFEL	On Semiconductor		SN74HC08NSR		S	SOP-EIAJ-II	14
MC74HC08AFEL	On Semiconductor		SN74HC08NSRE4		S	SOP-EIAJ-II	14
MC74HC08AFEL	On Semiconductor		SN74HC08NSRG4		S	SOP-EIAJ-II	14
MC74HC08AFELG	On Semiconductor		SN74HC08NSRE4		S	SOP-EIAJ-II	14
MC74HC08AFELG	On Semiconductor		SN74HC08NSRG4		S	SOP-EIAJ-II	14
MC74HC08AFELG	On Semiconductor	Pb-Free	SN74HC08NSR		S	SOP-EIAJ-II	14
MC74HC08AFG	On Semiconductor	Pb-Free	SN74HC08NSR		S	SOP-EIAJ-II	14
MC74HC08AN	On Semiconductor		CD74HC08E		S	PDIP	14
MC74HC08AN	On Semiconductor		SN74HC08N		S	PDIP	14
MC74HC08AN	On Semiconductor		SN74HC08NE4		S	PDIP	14
MC74HC08ANG	On Semiconductor	Pb-Free	CD74HC08E		S	PDIP	14
MC74HC08ANG	On Semiconductor		SN74HC08N		S	PDIP	14
MC74HC08ANG	On Semiconductor		SN74HC08NE4		S	PDIP	14
MC74HC10D	Motorola (MOT)	Discontinued	CD74HC10M		S	SOIC	14
MC74HC10DR2	Motorola (MOT)	Discontinued	CD74HC10M96		S	SOIC	14
MC74HC10N	Motorola (MOT)	Discontinued	CD74HC10E		S	PDIP	14
MC74HC112D	On Semiconductor	tpd differs	SN74HC112DE4		S	SOIC	16
MC74HC112N	On Semiconductor	tpd differs	SN74HC112N		S	PDIP	16
MC74HC112N	On Semiconductor	tpd differs	SN74HC112NE4		S	PDIP	16
MC74HC11D	Motorola (MOT)	Discontinued	CD74HC11M		S	SOIC	14
MC74HC11DR2	Motorola (MOT)	Discontinued	CD74HC11M96		S	SOIC	14
MC74HC11N	Motorola (MOT)	Discontinued	CD74HC11E		S	PDIP	14
MC74HC125AD	On Semiconductor		CD74HC125M		S	SOIC	14
MC74HC125AD	On Semiconductor	tpd differs	SN74HC125D		S	SOIC	14
MC74HC125ADG	On Semiconductor	Pb-Free	CD74HC125M		S	SOIC	14
MC74HC125ADR2	On Semiconductor		CD74HC125M96		S	SOIC	14
MC74HC125ADR2	On Semiconductor		CD74HC125MT		S	SOIC	14
MC74HC125ADR2G	On Semiconductor	Pb-Free	CD74HC125M96		S	SOIC	14
MC74HC125ADT	On Semiconductor		SN74HC125PWR		S	TSSOP	14
MC74HC125ADTEL	On Semiconductor		SN74HC125PWR		S	TSSOP	14
MC74HC125ADTELG	On Semiconductor	Pb-Free	SN74HC125PWR		S	TSSOP	14
MC74HC125ADTG	On Semiconductor	Pb-Free	SN74HC125PWR		S	TSSOP	14
MC74HC125ADTR2	On Semiconductor		SN74HC125PWR		S	TSSOP	14
MC74HC125ADTR2G	On Semiconductor	Pb-Free	SN74HC125PWR		S	TSSOP	14
MC74HC125AF	On Semiconductor		SN74HC125NSR		S	SOP-EIAJ-II	14
MC74HC125AFEL	On Semiconductor		SN74HC125NSR		S	SOP-EIAJ-II	14
MC74HC125AFELG	On Semiconductor	Pb-Free	SN74HC125NSR		S	SOP-EIAJ-II	14
MC74HC125AFG	On Semiconductor	Pb-Free	SN74HC125NSR		S	SOP-EIAJ-II	14
MC74HC125AN	On Semiconductor		CD74HC125E		S	PDIP	14
MC74HC125ANG	On Semiconductor	Pb-Free	CD74HC125E		S	PDIP	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74HC126AD	On Semiconductor		CD74HC126M		S	SOIC	14
MC74HC126AD	On Semiconductor		SN74HC126D		S	SOIC	14
MC74HC126ADG	On Semiconductor	Pb-Free	CD74HC126M		S	SOIC	14
MC74HC126ADR2	On Semiconductor		CD74HC126M96		S	SOIC	14
MC74HC126ADR2G	On Semiconductor	Pb-Free	CD74HC126M96		S	SOIC	14
MC74HC126ADT	On Semiconductor		SN74HC126PW		S	TSSOP	14
MC74HC126ADTEL	On Semiconductor		SN74HC126PWR		S	TSSOP	14
MC74HC126ADTELG	On Semiconductor	Pb-Free	SN74HC126PWR		S	TSSOP	14
MC74HC126ADTG	On Semiconductor	Pb-Free	SN74HC126PW		S	TSSOP	14
MC74HC126ADR2	On Semiconductor		SN74HC126PWR		S	TSSOP	14
MC74HC126ADR2G	On Semiconductor	Pb-Free	SN74HC126PWR		S	TSSOP	14
MC74HC126AF	On Semiconductor		SN74HC126NSR		S	SOP-EIAJ-II	14
MC74HC126AFEL	On Semiconductor		SN74HC126NSR		S	SOP-EIAJ-II	14
MC74HC126AFELG	On Semiconductor	Pb-Free	SN74HC126NSR		S	SOP-EIAJ-II	14
MC74HC126AFG	On Semiconductor	Pb-Free	SN74HC126NSR		S	SOP-EIAJ-II	14
MC74HC126AN	On Semiconductor		CD74HC126E		S	PDIP	14
MC74HC126ANG	On Semiconductor	Pb-Free	CD74HC126E		S	PDIP	14
MC74HC132AD	On Semiconductor		CD74HC132M		S	SOIC	14
MC74HC132AD	On Semiconductor	tpd differs	SN74HC132D		S	SOIC	14
MC74HC132AD	On Semiconductor	tpd differs	SN74HC132DE4		S	SOIC	14
MC74HC132ADG	On Semiconductor	Pb-Free	CD74HC132M		S	SOIC	14
MC74HC132ADG	On Semiconductor	tpd differs	SN74HC132D		S	SOIC	14
MC74HC132ADG	On Semiconductor	tpd differs	SN74HC132DE4		S	SOIC	14
MC74HC132ADR2	On Semiconductor		CD74HC132M96		S	SOIC	14
MC74HC132ADR2	On Semiconductor	tpd differs	SN74HC132DR		S	SOIC	14
MC74HC132ADR2	On Semiconductor	tpd differs	SN74HC132DRE4		S	SOIC	14
MC74HC132ADR2	On Semiconductor	tpd differs	SN74HC132DT		S	SOIC	14
MC74HC132ADR2	On Semiconductor	tpd differs	SN74HC132DTE4		S	SOIC	14
MC74HC132ADR2G	On Semiconductor	tpd differs	SN74HC132DR		S	SOIC	14
MC74HC132ADR2G	On Semiconductor	tpd differs	SN74HC132DRE4		S	SOIC	14
MC74HC132ADR2G	On Semiconductor	tpd differs	SN74HC132DT		S	SOIC	14
MC74HC132ADR2G	On Semiconductor	tpd differs	SN74HC132DTE4		S	SOIC	14
MC74HC132ADR2G	On Semiconductor	Pb-Free	CD74HC132M96		S	SOIC	14
MC74HC132ADT	On Semiconductor		SN74HC132PW		S	TSSOP	14
MC74HC132ADTEL	On Semiconductor		SN74HC132PWR		S	TSSOP	14
MC74HC132ADTELG	On Semiconductor	Pb-Free	SN74HC132PWR		S	TSSOP	14
MC74HC132ADTG	On Semiconductor	Pb-Free	SN74HC132PW		S	TSSOP	14
MC74HC132ADTG	On Semiconductor	tpd differs	SN74HC132PWE4		S	TSSOP	14
MC74HC132ADR2	On Semiconductor		SN74HC132PWR		S	TSSOP	14
MC74HC132ADR2	On Semiconductor	tpd differs	SN74HC132PWRE4		S	TSSOP	14
MC74HC132ADR2	On Semiconductor	tpd differs	SN74HC132PWT		S	TSSOP	14
MC74HC132ADR2	On Semiconductor	tpd differs	SN74HC132PWTE4		S	TSSOP	14
MC74HC132ADR2G	On Semiconductor	tpd differs	SN74HC132PWRE4		S	TSSOP	14
MC74HC132ADR2G	On Semiconductor	tpd differs	SN74HC132PWT		S	TSSOP	14
MC74HC132ADR2G	On Semiconductor	tpd differs	SN74HC132PWTE4		S	TSSOP	14
MC74HC132ADR2G	On Semiconductor	Pb-Free	SN74HC132PWR		S	TSSOP	14
MC74HC132AF	On Semiconductor		SN74HC132NSR		S	SOP-EIAJ-II	14
MC74HC132AFEL	On Semiconductor	tpd differs	SN74HC132NSRE4		S	SOP-EIAJ-II	14
MC74HC132AFEL	On Semiconductor		SN74HC132NSR		S	SOP-EIAJ-II	14
MC74HC132AFELG	On Semiconductor	Pb-Free	SN74HC132NSR		S	SOP-EIAJ-II	14
MC74HC132AFELG	On Semiconductor	tpd differs	SN74HC132NSRE4		S	SOP-EIAJ-II	14
MC74HC132AFG	On Semiconductor	Pb-Free	SN74HC132NSR		S	SOP-EIAJ-II	14
MC74HC132AN	On Semiconductor		CD74HC132E		S	PDIP	14
MC74HC132AN	On Semiconductor	tpd differs	SN74HC132N		S	PDIP	14
MC74HC132ANG	On Semiconductor	tpd differs	SN74HC132N		S	PDIP	14
MC74HC132ANG	On Semiconductor	Pb-Free	CD74HC132E		S	PDIP	14
MC74HC137N	Motorola (MOT)	Discontinued	CD74HC137E		S	PDIP	16
MC74HC138AD	On Semiconductor		CD74HC138M		S	SOIC	16
MC74HC138ADG	On Semiconductor	Pb-Free	CD74HC138M		S	SOIC	16
MC74HC138ADR2	On Semiconductor		CD74HC138M96		S	SOIC	16
MC74HC138ADR2G	On Semiconductor	Pb-Free	CD74HC138M96		S	SOIC	16
MC74HC138ADT	On Semiconductor		SN74HC138PW		S	TSSOP	16
MC74HC138ADTEL	On Semiconductor		SN74HC138PWR		S	TSSOP	16
MC74HC138ADTELG	On Semiconductor	Pb-Free	SN74HC138PWR		S	TSSOP	16

## Replacement Codes

- S** - The TI device is a Direct Replacement  
**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Orderable Part Number	Competition		Texas Instruments		Replacement Code	Package Type	Pins
	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74HC138ADTG	On Semiconductor	Pb-Free	SN74HC138PW		S	TSSOP	16
MC74HC138ADTR2	On Semiconductor		SN74HC138PWR		S	TSSOP	16
MC74HC138ADTR2G	On Semiconductor	Pb-Free	SN74HC138PWR		S	TSSOP	16
MC74HC138AF	On Semiconductor		SN74HC138NSR		S	SOP	16
MC74HC138AFEL	On Semiconductor		SN74HC138NSR		S	SOP-EIAJ-II	16
MC74HC138AFELG	On Semiconductor	Pb-Free	SN74HC138NSR		S	SOP-EIAJ-II	16
MC74HC138AFG	On Semiconductor		SN74HC138NSR		S	SOP	16
MC74HC138AN	On Semiconductor		CD74HC138E		S	PDIP	16
MC74HC138ANG	On Semiconductor	Pb-Free	CD74HC138E		S	PDIP	16
MC74HC139AD	On Semiconductor		CD74HC139M		S	SOIC	16
MC74HC139ADG	On Semiconductor	Pb-Free	CD74HC139M		S	SOIC	16
MC74HC139ADR2	On Semiconductor		CD74HC139M96		S	SOIC	16
MC74HC139ADR2G	On Semiconductor	Pb-Free	CD74HC139M96		S	SOIC	16
MC74HC139ADT	On Semiconductor		SN74HC139PW		S	TSSOP	16
MC74HC139ADTEL	On Semiconductor		SN74HC139PWR		S	TSSOP	16
MC74HC139ADTELG	On Semiconductor	Pb-Free	SN74HC139PWR		S	TSSOP	16
MC74HC139ADTG	On Semiconductor	Pb-Free	SN74HC139PW		S	TSSOP	16
MC74HC139ADTR2	On Semiconductor		SN74HC139PWR		S	TSSOP	16
MC74HC139ADTR2G	On Semiconductor	Pb-Free	SN74HC139PWR		S	TSSOP	16
MC74HC139AF	On Semiconductor		SN74HC139NSR		S	SOP	16
MC74HC139AFEL	On Semiconductor		SN74HC139NSR		S	SOP-EIAJ-II	16
MC74HC139AFELG	On Semiconductor	Pb-Free	SN74HC139NSR		S	SOP-EIAJ-II	16
MC74HC139AFG	On Semiconductor		SN74HC139NSR		S	SOP	16
MC74HC139AN	On Semiconductor		CD74HC139E		S	PDIP	16
MC74HC139ANG	On Semiconductor	Pb-Free	CD74HC139E		S	PDIP	16
MC74HC147D	Motorola (MOT)	Discontinued	CD74HC147M		S	SOIC	16
MC74HC147D	On Semiconductor	tpd differs	CD74HC147M		S	SOIC	16
MC74HC147DR2	Motorola (MOT)	Discontinued	CD74HC147M96		S	SOIC	16
MC74HC147DR2	On Semiconductor	tpd differs	CD74HC147M96		S	SOIC	16
MC74HC147N	Motorola (MOT)	Discontinued	CD74HC147E		S	PDIP	16
MC74HC147N	On Semiconductor	tpd differs	CD74HC147E		S	PDIP	16
MC74HC14AD	On Semiconductor		CD74HC14M		S	SOIC	14
MC74HC14AD	On Semiconductor		SN74HC14D		S	SOIC	14
MC74HC14ADG	On Semiconductor	Pb-Free	CD74HC14M		S	SOIC	14
MC74HC14ADR2	On Semiconductor		CD74HC14M96		S	SOIC	14
MC74HC14ADR2G	On Semiconductor	Pb-Free	CD74HC14M96		S	SOIC	14
MC74HC14ADT	On Semiconductor		CD74HC14PW		S	TSSOP	14
MC74HC14ADT	On Semiconductor		SN74HC14PW		S	TSSOP	14
MC74HC14ADT	On Semiconductor		SN74HC14PWR		S	TSSOP	14
MC74HC14ADTEL	On Semiconductor		CD74HC14PWR		S	TSSOP	14
MC74HC14ADTELG	On Semiconductor	Pb-Free	CD74HC14PWR		S	TSSOP	14
MC74HC14ADTG	On Semiconductor	Pb-Free	CD74HC14PW		S	TSSOP	14
MC74HC14ADTR2	On Semiconductor		CD74HC14PWR		S	TSSOP	14
MC74HC14ADTR2	On Semiconductor		SN74HC14PWR		S	TSSOP	14
MC74HC14ADTR2G	On Semiconductor	Pb-Free	CD74HC14PWR		S	TSSOP	14
MC74HC14AF	On Semiconductor		SN74HC14NSR		S	SOEIAJ	14
MC74HC14AFEL	On Semiconductor		SN74HC14NSR		S	SOP-EIAJ-II	14
MC74HC14AFELG	On Semiconductor	Pb-Free	SN74HC14NSR		S	SOP-EIAJ-II	14
MC74HC14AFG	On Semiconductor		SN74HC14NSR		S	SOEIAJ	14
MC74HC14AN	On Semiconductor		CD74HC14E		S	PDIP	14
MC74HC14ANG	On Semiconductor	Pb-Free	CD74HC14E		S	PDIP	14
MC74HC151D	Motorola (MOT)	Discontinued	CD74HC151M		S	SOIC	16
MC74HC151D	On Semiconductor	tpd differs	CD74HC151M		S	SOIC	16
MC74HC151DR2	Motorola (MOT)	Discontinued	CD74HC151M96		S	SOIC	16
MC74HC151N	Motorola (MOT)	Discontinued	CD74HC151E		S	PDIP	16
MC74HC151N	On Semiconductor	tpd differs	CD74HC151E		S	PDIP	16
MC74HC153D	Motorola (MOT)	Discontinued	CD74HC153M		S	SOIC	16
MC74HC153D	On Semiconductor	tpd differs	CD74HC153M		S	SOIC	16
MC74HC153DR2	Motorola (MOT)	Discontinued	CD74HC153M96		S	SOIC	16
MC74HC153N	Motorola (MOT)	Discontinued	CD74HC153E		S	PDIP	16
MC74HC153N	On Semiconductor	tpd differs	CD74HC153E		S	PDIP	16
MC74HC154DW	Motorola (MOT)	Discontinued	CD74HC154M		S	SOIC	24
MC74HC154DWR2	Motorola (MOT)	Discontinued	CD74HC154M96		S	SOIC	24
MC74HC154N	Motorola (MOT)	Discontinued	CD74HC154E		S	PDIP	24

MC74HC138ADTG — MC74HC154N

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74HC157AD	On Semiconductor		CD74HC157M		S	SOIC	16
MC74HC157AD	On Semiconductor	tpd differs	CD74HC157M96		S	SOIC	16
MC74HC157AD	On Semiconductor	tpd differs	SN74HC157D		S	SOIC	16
MC74HC157ADG	On Semiconductor	Pb-Free	CD74HC157M		S	SOIC	16
MC74HC157ADR2	On Semiconductor		CD74HC157M96		S	SOIC	16
MC74HC157ADR2	On Semiconductor	tpd differs	SN74HC157DR		S	SOIC	16
MC74HC157ADR2G	On Semiconductor	Pb-Free	CD74HC157M96		S	SOIC	16
MC74HC157ADT	On Semiconductor		SN74HC157PW		S	TSSOP	16
MC74HC157ADTEL	On Semiconductor		SN74HC157PWR		S	TSSOP	16
MC74HC157ADTELG	On Semiconductor	Pb-Free	SN74HC157PWR		S	TSSOP	16
MC74HC157ADTG	On Semiconductor	Pb-Free	SN74HC157PW		S	TSSOP	16
MC74HC157ADTR2	On Semiconductor		SN74HC157PWR		S	TSSOP	16
MC74HC157ADTR2G	On Semiconductor	Pb-Free	SN74HC157PWR		S	TSSOP	16
MC74HC157AF	On Semiconductor	tpd differs	SN74HC157NSR		S	SOEIAJ	16
MC74HC157AFEL	On Semiconductor		SN74HC157NSR		S	SOP-EIAJ-II	16
MC74HC157AFELG	On Semiconductor	Pb-Free	SN74HC157NSR		S	SOP-EIAJ-II	16
MC74HC157AFG	On Semiconductor	tpd differs	SN74HC157NSR		S	SOEIAJ	16
MC74HC157AN	On Semiconductor		CD74HC157E		S	PDIP	16
MC74HC157AN	On Semiconductor	tpd differs	SN74HC157N		S	PDIP	16
MC74HC157ANG	On Semiconductor	Pb-Free	CD74HC157E		S	PDIP	16
MC74HC161AD	On Semiconductor	Discontinued PDN 13977, 03/31/2005	CD74HC161M		S	SOIC	16
MC74HC161AD	On Semiconductor		SN74HC161D		S	SOIC	16
MC74HC161ADG	On Semiconductor	Pb-Free, Discontinued PDN 13977, 03/31/2005	CD74HC161M		S	SOIC	16
MC74HC161ADG	On Semiconductor		SN74HC161D		S	SOIC	16
MC74HC161ADR2	On Semiconductor	Discontinued PDN 13977, 03/31/2005	CD74HC161M96		S	SOIC	16
MC74HC161ADR2	On Semiconductor		CD74HC161MT		S	SOIC	16
MC74HC161ADR2	On Semiconductor		SN74HC161DR		S	SOIC	16
MC74HC161ADR2G	On Semiconductor	Pb-Free, Discontinued PDN 13977, 03/31/2005	CD74HC161M96		S	SOIC	16
MC74HC161ADR2G	On Semiconductor		CD74HC161MT		S	SOIC	16
MC74HC161ADR2G	On Semiconductor		SN74HC161DR		S	SOIC	16
MC74HC161ADT	On Semiconductor	Discontinued PDN 13977, 03/31/2005	SN74HC161PW		S	TSSOP	16
MC74HC161ADT	On Semiconductor		SN74HC161PWR		S	TSSOP	16
MC74HC161ADT	On Semiconductor		SN74HC161PWT		S	TSSOP	16
MC74HC161ADTR2	On Semiconductor	Discontinued PDN 13977, 03/31/2005	SN74HC161PWR		S	TSSOP	16
MC74HC161ADTR2	On Semiconductor		SN74HC161PWT		S	TSSOP	16
MC74HC161AF	On Semiconductor	Discontinued PDN 13977, 03/31/2005	SN74HC161NSR		S	SOP-EIAJ-II	16
MC74HC161AFEL	On Semiconductor	Discontinued PDN 13977, 03/31/2005	SN74HC161NSR		S	SOP-EIAJ-II	16
MC74HC161AN	On Semiconductor	Discontinued PDN 13977, 03/31/2005	CD74HC161E		S	PDIP	16
MC74HC161AN	On Semiconductor		SN74HC161N		S	PDIP	16
MC74HC161ANG	On Semiconductor	Pb-Free, Discontinued PDN 13977, 03/31/2005	CD74HC161E		S	PDIP	16
MC74HC161ANG	On Semiconductor		SN74HC161N		S	PDIP	16
MC74HC163AD	On Semiconductor	Discontinued PDN 13977, 03/31/2005	CD74HC163M		S	SOIC	16
MC74HC163AD	On Semiconductor		SN74HC163D		S	SOIC	16
MC74HC163ADG	On Semiconductor	Pb-Free, Discontinued PDN 13977, 03/31/2005	CD74HC163M		S	SOIC	16
MC74HC163ADG	On Semiconductor		SN74HC163D		S	SOIC	16
MC74HC163ADR2	On Semiconductor	Discontinued PDN 13977, 03/31/2005	CD74HC163M96		S	SOIC	16
MC74HC163ADR2	On Semiconductor		CD74HC163MT		S	SOIC	16
MC74HC163ADR2	On Semiconductor		SN74HC163DR		S	SOIC	16
MC74HC163ADR2G	On Semiconductor	Pb-Free, Discontinued PDN 13977, 03/31/2005	CD74HC163M96		S	SOIC	16
MC74HC163ADR2G	On Semiconductor		CD74HC163MT		S	SOIC	16
MC74HC163ADR2G	On Semiconductor		SN74HC163DR		S	SOIC	16
MC74HC163ADR2G	On Semiconductor		SN74HC163PWR		S	TSSOP	16
MC74HC163AF	On Semiconductor		SN74HC163NSR		S	SOP-EIAJ-II	16
MC74HC163AFEL	On Semiconductor		SN74HC163NSR		S	SOP-EIAJ-II	16
MC74HC163AN	On Semiconductor	Discontinued PDN 13977, 03/31/2005	CD74HC163E		S	PDIP	16
MC74HC163AN	On Semiconductor		SN74HC163N		S	PDIP	16
MC74HC163ANG	On Semiconductor	Pb-Free, Discontinued PDN 13977, 03/31/2005	CD74HC163E		S	PDIP	16
MC74HC163ANG	On Semiconductor		SN74HC163N		S	PDIP	16
MC74HC164AD	On Semiconductor		CD74HC164M		S	SOIC	14
MC74HC164ADG	On Semiconductor	Pb-Free	CD74HC164M		S	SOIC	14
MC74HC164ADR2	On Semiconductor		CD74HC164M96		S	SOIC	14
MC74HC164ADR2	On Semiconductor	tpd differs	CD74HC164MT		S	SOIC	14
MC74HC164ADR2	On Semiconductor	tpd differs	SN74HC164DT		S	SOIC	14
MC74HC164ADR2G	On Semiconductor	Pb-Free	CD74HC164M96		S	SOIC	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74HC164ADR2G	On Semiconductor	tpd differs	CD74HC164MT		S	SOIC	14
MC74HC164ADR2G	On Semiconductor	tpd differs	SN74HC164DT		S	SOIC	14
MC74HC164ADT	On Semiconductor		SN74HC164PW		S	TSSOP	14
MC74HC164ADTEL	On Semiconductor		SN74HC164PWR		S	TSSOP	14
MC74HC164ADTELG	On Semiconductor	Pb-Free	SN74HC164PWR		S	TSSOP	14
MC74HC164ADTG	On Semiconductor	Pb-Free	SN74HC164PW		S	TSSOP	14
MC74HC164ADTR2	On Semiconductor		SN74HC164PWR		S	TSSOP	14
MC74HC164ADTR2G	On Semiconductor	Pb-Free	SN74HC164PWR		S	TSSOP	14
MC74HC164AF	On Semiconductor		SN74HC164NSR		S	SOP-EIAJ-II	14
MC74HC164AFEL	On Semiconductor		SN74HC164NSR		S	SOP-EIAJ-II	14
MC74HC164AFELG	On Semiconductor	Pb-Free	SN74HC164NSR		S	SOP-EIAJ-II	14
MC74HC164AFG	On Semiconductor	Pb-Free	SN74HC164NSR		S	SOP-EIAJ-II	14
MC74HC164AN	On Semiconductor		CD74HC164E		S	PDIP	14
MC74HC164ANG	On Semiconductor	Pb-Free	CD74HC164E		S	PDIP	14
MC74HC165AD	On Semiconductor		CD74HC165M		S	SOIC	16
MC74HC165AD	On Semiconductor	tpd differs	SN74HC165D		S	SOIC	16
MC74HC165ADG	On Semiconductor	Pb-Free	CD74HC165M		S	SOIC	16
MC74HC165ADR2	On Semiconductor		CD74HC165M96		S	SOIC	16
MC74HC165ADR2	On Semiconductor	tpd differs	CD74HC165MT		S	SOIC	16
MC74HC165ADR2	On Semiconductor	tpd differs	SN74HC165DR		S	SOIC	16
MC74HC165ADR2	On Semiconductor	tpd differs	SN74HC165DT		S	SOIC	16
MC74HC165ADR2G	On Semiconductor	Pb-Free	CD74HC165M96		S	SOIC	16
MC74HC165ADT	On Semiconductor		SN74HC165PW		S	TSSOP	16
MC74HC165ADT	On Semiconductor	tpd differs	SN74HC165PWR		S	TSSOP	16
MC74HC165ADT	On Semiconductor	tpd differs	SN74HC165PWT		S	TSSOP	16
MC74HC165ADTG	On Semiconductor	Pb-Free	SN74HC165PW		S	TSSOP	16
MC74HC165ADTR2	On Semiconductor		SN74HC165PWR		S	TSSOP	16
MC74HC165ADTR2	On Semiconductor	tpd differs	SN74HC165PWT		S	TSSOP	16
MC74HC165ADTR2G	On Semiconductor	Pb-Free	SN74HC165PWR		S	TSSOP	16
MC74HC165AF	On Semiconductor		SN74HC165NSR		S	SOP-EIAJ-II	16
MC74HC165AFEL	On Semiconductor		SN74HC165NSR		S	SOP-EIAJ-II	16
MC74HC165AFELG	On Semiconductor	Pb-Free	SN74HC165NSR		S	SOP-EIAJ-II	16
MC74HC165AFG	On Semiconductor	Pb-Free	SN74HC165NSR		S	SOP-EIAJ-II	16
MC74HC165AN	On Semiconductor		CD74HC165E		S	PDIP	16
MC74HC165AN	On Semiconductor	tpd differs	SN74HC165N		S	PDIP	16
MC74HC165ANG	On Semiconductor	Pb-Free	CD74HC165E		S	PDIP	16
MC74HC165ANG	On Semiconductor	tpd differs	SN74HC165N		S	PDIP	16
MC74HC173D	Motorola (MOT)	Discontinued	CD74HC173M		S	SOIC	16
MC74HC173DR2	Motorola (MOT)	Discontinued	CD74HC173M96		S	SOIC	16
MC74HC173DR2	On Semiconductor	tpd differs	CD74HC173M96		S	SOIC	16
MC74HC173N	Motorola (MOT)	Discontinued	CD74HC173E		S	PDIP	16
MC74HC174AD	On Semiconductor		CD74HC174M		S	SOIC	16
MC74HC174ADG	On Semiconductor	Pb-Free	CD74HC174M		S	SOIC	16
MC74HC174ADR2	On Semiconductor		CD74HC174M96		S	SOIC	16
MC74HC174ADR2G	On Semiconductor	Pb-Free	CD74HC174M96		S	SOIC	16
MC74HC174ADT	On Semiconductor		SN74HC174PW		S	TSSOP	16
MC74HC174ADTEL	On Semiconductor		SN74HC174PWR		S	TSSOP	16
MC74HC174ADTELG	On Semiconductor	Pb-Free	SN74HC174PWR		S	TSSOP	16
MC74HC174ADTG	On Semiconductor	Pb-Free	SN74HC174PW		S	TSSOP	16
MC74HC174ADTR2	On Semiconductor		SN74HC174PWR		S	TSSOP	16
MC74HC174ADTR2G	On Semiconductor	Pb-Free	SN74HC174PWR		S	TSSOP	16
MC74HC174AF	On Semiconductor		SN74HC174NSR		S	SOP-EIAJ-II	16
MC74HC174AFEL	On Semiconductor		SN74HC174NSR		S	SOP-EIAJ-II	16
MC74HC174AFELG	On Semiconductor	Pb-Free	SN74HC174NSR		S	SOP-EIAJ-II	16
MC74HC174AFG	On Semiconductor	Pb-Free	SN74HC174NSR		S	SOP-EIAJ-II	16
MC74HC174AN	On Semiconductor		CD74HC174E		S	PDIP	16
MC74HC174ANG	On Semiconductor	Pb-Free	CD74HC174E		S	PDIP	16
MC74HC175AD	On Semiconductor		CD74HC175M		S	SOIC	16
MC74HC175ADG	On Semiconductor	Pb-Free	CD74HC175M		S	SOIC	16
MC74HC175ADR2	On Semiconductor		CD74HC175M96		S	SOIC	16
MC74HC175ADR2G	On Semiconductor	Pb-Free	CD74HC175M96		S	SOIC	16
MC74HC175ADT	On Semiconductor		SN74HC175PW		S	TSSOP	16
MC74HC175ADTEL	On Semiconductor		SN74HC175PWR		S	TSSOP	16
MC74HC175ADTELG	On Semiconductor	Pb-Free	SN74HC175PWR		S	TSSOP	16

MC74HC164ADR2G — MC74HC175ADTELG

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74HC175ADTG	On Semiconductor	Pb-Free	SN74HC175PW		S	TSSOP	16
MC74HC175ADTR2	On Semiconductor		SN74HC175PWR		S	TSSOP	16
MC74HC175ADTR2G	On Semiconductor	Pb-Free	SN74HC175PWR		S	TSSOP	16
MC74HC175AF	On Semiconductor		SN74HC175NSR		S	SOP-EIAJ-II	16
MC74HC175AFEL	On Semiconductor		SN74HC175NSR		S	SOP-EIAJ-II	16
MC74HC175AFELG	On Semiconductor	Pb-Free	SN74HC175NSR		S	SOP-EIAJ-II	16
MC74HC175AFG	On Semiconductor	Pb-Free	SN74HC175NSR		S	SOP-EIAJ-II	16
MC74HC175AN	On Semiconductor		CD74HC175E		S	PDIP	16
MC74HC175ANG	On Semiconductor	Pb-Free	CD74HC175E		S	PDIP	16
MC74HC175D	On Semiconductor	tpd differs	SN74HC175D		S	SOIC	16
MC74HC1G00DFT1	On Semiconductor		SN74AHC1G00DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1G00DFT1G	On Semiconductor	Pb-Free	SN74AHC1G00DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1G00DFT2	On Semiconductor		SN74AHC1G00DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1G00DFT2G	On Semiconductor	Pb-Free	SN74AHC1G00DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1G00DTT1	On Semiconductor		SN74AHC1G00DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1G00DTT1G	On Semiconductor	Pb-Free	SN74AHC1G00DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1G00DTT3	On Semiconductor		SN74AHC1G00DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1G00DTT3G	On Semiconductor	Pb-Free	SN74AHC1G00DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1G02DFT1	On Semiconductor		SN74AHC1G02DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1G02DFT1G	On Semiconductor	Pb-Free	SN74AHC1G02DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1G02DFT2	On Semiconductor		SN74AHC1G02DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1G02DFT2G	On Semiconductor	Pb-Free	SN74AHC1G02DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1G02DTT1	On Semiconductor		SN74AHC1G02DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1G02DTT1G	On Semiconductor	Pb-Free	SN74AHC1G02DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1G02DTT3	On Semiconductor		SN74AHC1G02DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1G02DTT3G	On Semiconductor	Pb-Free	SN74AHC1G02DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1G04DF	On Semiconductor		SN74AHC1G04DCKR		S	SC70	5
MC74HC1G04DFT1	On Semiconductor		SN74AHC1G04DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1G04DFT1G	On Semiconductor	Pb-Free	SN74AHC1G04DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1G04DFT2	On Semiconductor		SN74AHC1G04DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1G04DFT2G	On Semiconductor	Pb-Free	SN74AHC1G04DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1G04DT	On Semiconductor		SN74AHC1G04DBVR		S	TSOP	5
MC74HC1G04DTT1	On Semiconductor		SN74AHC1G04DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1G04DTT1G	On Semiconductor	Pb-Free	SN74AHC1G04DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1G04DTT3	On Semiconductor		SN74AHC1G04DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1G04DTT3G	On Semiconductor	Pb-Free	SN74AHC1G04DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1G08DFT1	On Semiconductor		SN74AHC1G08DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1G08DFT1G	On Semiconductor	Pb-Free	SN74AHC1G08DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1G08DFT2	On Semiconductor		SN74AHC1G08DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1G08DFT2G	On Semiconductor	Pb-Free	SN74AHC1G08DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1G08DFTT1	On Semiconductor		SN74AHC1G08DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1G08DFTT1G	On Semiconductor	Pb-Free	SN74AHC1G08DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1G08DFTT3	On Semiconductor		SN74AHC1G08DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1G08DFTT3G	On Semiconductor	Pb-Free	SN74AHC1G08DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1G14DFT1	On Semiconductor		SN74AHC1G14DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1G14DFT1G	On Semiconductor	Pb-Free	SN74AHC1G14DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1G14DFT2	On Semiconductor		SN74AHC1G14DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1G14DFT2G	On Semiconductor	Pb-Free	SN74AHC1G14DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1G14DFTT1	On Semiconductor		SN74AHC1G14DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1G14DFTT1G	On Semiconductor	Pb-Free	SN74AHC1G14DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1G14DFTT3	On Semiconductor		SN74AHC1G14DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1G14DFTT3G	On Semiconductor	Pb-Free	SN74AHC1G14DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1G32DFT1	On Semiconductor		SN74AHC1G32DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1G32DFT1G	On Semiconductor	Pb-Free	SN74AHC1G32DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1G32DFT2	On Semiconductor		SN74AHC1G32DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1G32DFT2G	On Semiconductor	Pb-Free	SN74AHC1G32DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1G32DTT1	On Semiconductor		SN74AHC1G32DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1G32DTT1G	On Semiconductor	Pb-Free	SN74AHC1G32DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1G32DTT3	On Semiconductor		SN74AHC1G32DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1G32DTT3G	On Semiconductor	Pb-Free	SN74AHC1G32DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1GU04DF	On Semiconductor		SN74AHC1GU04DCKR		S	SC70	5
MC74HC1GU04DFT1	On Semiconductor		SN74AHC1GU04DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1GU04DFT1G	On Semiconductor	Pb-Free	SN74AHC1GU04DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1GU04DFT2	On Semiconductor		SN74AHC1GU04DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74HC1GU04DFT2G	On Semiconductor	Pb-Free	SN74AHC1GU04DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
MC74HC1GU04DT	On Semiconductor		SN74AHC1GU04DBVR		S	TSOP	5
MC74HC1GU04DTT1	On Semiconductor		SN74AHC1GU04DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1GU04DTT1	On Semiconductor		SN74AHC1GU04DBVT		S	TSOP	5
MC74HC1GU04DTT1G	On Semiconductor	Pb-Free	SN74AHC1GU04DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1GU04DTT3	On Semiconductor		SN74AHC1GU04DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC1GU04DTT3G	On Semiconductor	Pb-Free	SN74AHC1GU04DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
MC74HC20D	Motorola (MOT)	Discontinued	CD74HC20M		S	SOIC	14
MC74HC20DR2	Motorola (MOT)	Discontinued	CD74HC20M96		S	SOIC	14
MC74HC20N	Motorola (MOT)	Discontinued	CD74HC20E		S	PDIP	14
MC74HC237D	Motorola (MOT)	Discontinued	CD74HC237M		S	SOIC	16
MC74HC237DR2	Motorola (MOT)	Discontinued	CD74HC237M96		S	SOIC	16
MC74HC237N	Motorola (MOT)	Discontinued	CD74HC237E		S	PDIP	16
MC74HC240ADT	On Semiconductor		SN74HC240PW		S	TSSOP	20
MC74HC240ADTEL	On Semiconductor		SN74HC240PWR		S	TSSOP	20
MC74HC240ADTELG	On Semiconductor	Pb-Free	SN74HC240PWR		S	TSSOP	20
MC74HC240ADTG	On Semiconductor	Pb-Free	SN74HC240PW		S	TSSOP	20
MC74HC240ADTR2	On Semiconductor		SN74HC240PWR		S	TSSOP	20
MC74HC240ADTR2G	On Semiconductor	Pb-Free	SN74HC240PWR		S	TSSOP	20
MC74HC240ADW	On Semiconductor	tpd differs	CD74HC240M		S	SOIC	20
MC74HC240ADW	On Semiconductor	tpd differs	SN74HC240DW		S	SOIC	20
MC74HC240ADWG	On Semiconductor	tpd differs	CD74HC240M		S	SOIC	20
MC74HC240ADWR2	On Semiconductor	tpd differs	CD74HC240M96		S	SOIC	20
MC74HC240ADWR2G	On Semiconductor	tpd differs	CD74HC240M96		S	SOIC	20
MC74HC240AF	On Semiconductor		SN74HC240NSR		S	SOP-EIAJ-II	20
MC74HC240AFEL	On Semiconductor		SN74HC240NSR		S	SOP-EIAJ-II	20
MC74HC240AFELG	On Semiconductor	Pb-Free	SN74HC240NSR		S	SOP-EIAJ-II	20
MC74HC240AFG	On Semiconductor	Pb-Free	SN74HC240NSR		S	SOP-EIAJ-II	20
MC74HC240AH	On Semiconductor		CD74HC240E		S	PDIP	20
MC74HC240AN	On Semiconductor	tpd differs	CD74HC240E		S	PDIP	20
MC74HC240ANG	On Semiconductor	tpd differs	CD74HC240E		S	PDIP	20
MC74HC241ADW	Motorola (MOT)	Discontinued	CD74HC241M		S	SOIC	20
MC74HC241ADWR2	Motorola (MOT)	Discontinued	CD74HC241M96		S	SOIC	20
MC74HC241ADWR2	On Semiconductor	tpd differs	CD74HC241M96		S	SOIC	20
MC74HC241AN	Motorola (MOT)	Discontinued	CD74HC241E		S	PDIP	20
MC74HC244ADT	On Semiconductor		SN74HC244PW		S	TSSOP	20
MC74HC244ADTEL	On Semiconductor		SN74HC244PWR		S	TSSOP	20
MC74HC244ADTELG	On Semiconductor	Pb-Free	SN74HC244PWR		S	TSSOP	20
MC74HC244ADTG	On Semiconductor	Pb-Free	SN74HC244PW		S	TSSOP	20
MC74HC244ADTR2	On Semiconductor		SN74HC244PWR		S	TSSOP	20
MC74HC244ADTR2G	On Semiconductor	Pb-Free	SN74HC244PWR		S	TSSOP	20
MC74HC244ADW	On Semiconductor	tpd differs	CD74HC244M		S	SOIC	20
MC74HC244ADWG	On Semiconductor	tpd differs	CD74HC244M		S	SOIC	20
MC74HC244ADWR2	On Semiconductor	tpd differs	CD74HC244M96		S	SOIC	20
MC74HC244ADWR2G	On Semiconductor	tpd differs	CD74HC244M96		S	SOIC	20
MC74HC244AF	On Semiconductor		SN74HC244NSR		S	SOP-EIAJ-II	20
MC74HC244AFEL	On Semiconductor		SN74HC244NSR		S	SOP-EIAJ-II	20
MC74HC244AFELG	On Semiconductor	Pb-Free	SN74HC244NSR		S	SOP-EIAJ-II	20
MC74HC244AFG	On Semiconductor	Pb-Free	SN74HC244NSR		S	SOP-EIAJ-II	20
MC74HC244AH	On Semiconductor	tpd differs	CD74HC244E		S	PDIP	20
MC74HC244AN	On Semiconductor	tpd differs	CD74HC244E		S	PDIP	20
MC74HC244ANG	On Semiconductor	tpd differs	CD74HC244E		S	PDIP	20
MC74HC245ADT	On Semiconductor		SN74HC245PW		S	TSSOP	20
MC74HC245ADTEL	On Semiconductor		SN74HC245PWR		S	TSSOP	20
MC74HC245ADTELG	On Semiconductor	Pb-Free	SN74HC245PWR		S	TSSOP	20
MC74HC245ADTG	On Semiconductor	Pb-Free	SN74HC245PW		S	TSSOP	20
MC74HC245ADTR2	On Semiconductor		SN74HC245PWR		S	TSSOP	20
MC74HC245ADTR2G	On Semiconductor	Pb-Free	SN74HC245PWR		S	TSSOP	20
MC74HC245ADW	On Semiconductor	tpd differs	CD74HC245M		S	SOIC	20
MC74HC245ADWG	On Semiconductor	tpd differs	CD74HC245M		S	SOIC	20
MC74HC245ADWR2	On Semiconductor	tpd differs	CD74HC245M96		S	SOIC	20
MC74HC245ADWR2G	On Semiconductor	tpd differs	CD74HC245M96		S	SOIC	20
MC74HC245AF	On Semiconductor	tpd differs	SN74HC245NSR		S	SOP	20
MC74HC245AF	On Semiconductor	tpd differs	SN74HC245NSR		S	SOP-EIAJ-II	20

MC74HC1GU04DFT2G — MC74HC245AF

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74HC245AFEL	On Semiconductor		SN74HC245NSR		S	SOP-EIAJ-II	20
MC74HC245AFELG	On Semiconductor	Pb-Free	SN74HC245NSR		S	SOP-EIAJ-II	20
MC74HC245AFG	On Semiconductor	tpd differs	SN74HC245NSR		S	SOP	20
MC74HC245AH	On Semiconductor	tpd differs	CD74HC245E		S	PDIP	20
MC74HC245AN	On Semiconductor	tpd differs	CD74HC245E		S	PDIP	20
MC74HC245ANG	On Semiconductor	tpd differs	CD74HC245E		S	PDIP	20
MC74HC251D	Motorola (MOT)	Discontinued	CD74HC251M		S	SOIC	16
MC74HC251D	On Semiconductor	tpd differs	CD74HC251M		S	SOIC	16
MC74HC251DR2	Motorola (MOT)	Discontinued	CD74HC251M96		S	SOIC	16
MC74HC251N	Motorola (MOT)	Discontinued	CD74HC251E		S	PDIP	16
MC74HC251N	On Semiconductor	tpd differs	CD74HC251E		S	PDIP	16
MC74HC253D	Motorola (MOT)	Discontinued	CD74HC253M		S	SOIC	16
MC74HC253D	On Semiconductor	tpd differs	CD74HC253M		S	SOIC	16
MC74HC253DR2	Motorola (MOT)	Discontinued	SN74HC253DR		S	SOIC	16
MC74HC253DR2	On Semiconductor	tpd differs	SN74HC253DR		S	SOIC	16
MC74HC253N	Motorola (MOT)	Discontinued	CD74HC253E		S	PDIP	16
MC74HC253N	On Semiconductor	tpd differs	CD74HC253E		S	PDIP	16
MC74HC257D	Motorola (MOT)	Discontinued	CD74HC257M		S	SOIC	16
MC74HC257D	On Semiconductor	tpd differs	CD74HC257M		S	SOIC	16
MC74HC257DR2	Motorola (MOT)	Discontinued	CD74HC257M96		S	SOIC	16
MC74HC257N	Motorola (MOT)	Discontinued	CD74HC257E		S	PDIP	16
MC74HC257N	On Semiconductor	tpd differs	CD74HC257E		S	PDIP	16
MC74HC259D	Motorola (MOT)	Discontinued	CD74HC259M		S	SOIC	16
MC74HC259D	On Semiconductor		CD74HC259M		S	SOIC	16
MC74HC259DR2	Motorola (MOT)	Discontinued	CD74HC259M96		S	SOIC	16
MC74HC259DR2	On Semiconductor		CD74HC259M96		S	SOIC	16
MC74HC259N	Motorola (MOT)	Discontinued	CD74HC259E		S	PDIP	16
MC74HC259N	On Semiconductor		CD74HC259E		S	PDIP	16
MC74HC273ADT	On Semiconductor	tpd differs	SN74HC273PW		S	TSSOP	20
MC74HC273ADTG	On Semiconductor	tpd differs	SN74HC273PW		S	TSSOP	20
MC74HC273ADTR2	On Semiconductor	tpd differs	SN74HC273PWR		S	TSSOP	20
MC74HC273ADTR2G	On Semiconductor	tpd differs	SN74HC273PWR		S	TSSOP	20
MC74HC273ADW	On Semiconductor		CD74HC273M		S	SOIC	20
MC74HC273ADW	On Semiconductor	tpd differs	CD74HC273ME4		S	SOIC	20
MC74HC273ADWG	On Semiconductor	Pb-Free	CD74HC273M		S	SOIC	20
MC74HC273ADWR2	On Semiconductor		CD74HC273M96		S	SOIC	20
MC74HC273ADWR2	On Semiconductor	tpd differs	CD74HC273M96E4		S	SOIC	20
MC74HC273ADWR2G	On Semiconductor	Pb-Free	CD74HC273M96		S	SOIC	20
MC74HC273ADWR2G	On Semiconductor	tpd differs	CD74HC273M96E4		S	SOIC	20
MC74HC273AN	On Semiconductor	tpd differs	CD74HC273E		S	PDIP	20
MC74HC273ANG	On Semiconductor	tpd differs	CD74HC273E		S	PDIP	20
MC74HC273DT	On Semiconductor		SN74HC273PW		S	TSSOP	20
MC74HC273DTG	On Semiconductor	Pb-Free	SN74HC273PW		S	TSSOP	20
MC74HC273DTR2	On Semiconductor		SN74HC273PWR		S	TSSOP	20
MC74HC273DTR2G	On Semiconductor	Pb-Free	SN74HC273PWR		S	TSSOP	20
MC74HC273F	On Semiconductor		SN74HC273NSR		S	SOP-EIAJ-II	20
MC74HC273FEL	On Semiconductor		SN74HC273NSR		S	SOP-EIAJ-II	20
MC74HC273FELG	On Semiconductor	Pb-Free	SN74HC273NSR		S	SOP-EIAJ-II	20
MC74HC273FG	On Semiconductor	Pb-Free	SN74HC273NSR		S	SOP-EIAJ-II	20
MC74HC27D	Motorola (MOT)	Discontinued	CD74HC27M		S	SOIC	14
MC74HC27D	On Semiconductor		CD74HC27M		S	SOIC	14
MC74HC27DR2	Motorola (MOT)	Discontinued	CD74HC27M96		S	SOIC	14
MC74HC27DR2	On Semiconductor		CD74HC27M96		S	SOIC	14
MC74HC27N	Motorola (MOT)	Discontinued	CD74HC27E		S	PDIP	14
MC74HC27N	On Semiconductor		CD74HC27E		S	PDIP	14
MC74HC280D	Motorola (MOT)	Discontinued	CD74HC280M96		S	SOIC	14
MC74HC280DR2	Motorola (MOT)	Discontinued	CD74HC280M96		S	SOIC	14
MC74HC280DR2	On Semiconductor	tpd differs	CD74HC280M96		S	SOIC	14
MC74HC280N	Motorola (MOT)	Discontinued	CD74HC280E		S	PDIP	14
MC74HC299DW	Motorola (MOT)	Discontinued	CD74HC299M		S	SOIC	20
MC74HC299DW	On Semiconductor		CD74HC299M		S	SOIC	20
MC74HC299DWG	On Semiconductor	Pb-Free	CD74HC299M		S	SOIC	20
MC74HC299DWR2	Motorola (MOT)	Discontinued	CD74HC299M96		S	SOIC	20
MC74HC299DWR2	On Semiconductor	tpd differs	CD74HC299M96		S	SOIC	20

Replacement Codes

- S - The TI device is a Direct Replacement
- Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74HC299N	Motorola (MOT)	Discontinued	CD74HC299E		S	PDIP	20
MC74HC299N	On Semiconductor	tpd differs	CD74HC299E		S	PDIP	20
MC74HC30D	Motorola (MOT)	Discontinued	CD74HC30M		S	SOIC	14
MC74HC30DR2	Motorola (MOT)	Discontinued	CD74HC30M96		S	SOIC	14
MC74HC30N	Motorola (MOT)	Discontinued	CD74HC30E		S	PDIP	14
MC74HC32AD	On Semiconductor		CD74HC32M		S	SOIC	14
MC74HC32AD	On Semiconductor		SN74HC32D		S	SOIC	14
MC74HC32AD	On Semiconductor		SN74HC32DE4		S	SOIC	14
MC74HC32ADG	On Semiconductor	Pb-Free	CD74HC32M		S	SOIC	14
MC74HC32ADG	On Semiconductor		SN74HC32D		S	SOIC	14
MC74HC32ADG	On Semiconductor		SN74HC32DE4		S	SOIC	14
MC74HC32ADR2	On Semiconductor		CD74HC32M96		S	SOIC	14
MC74HC32ADR2	On Semiconductor		SN74HC32DR		S	SOIC	14
MC74HC32ADR2	On Semiconductor		SN74HC32DRE4		S	SOIC	14
MC74HC32ADR2	On Semiconductor		SN74HC32DT		S	SOIC	14
MC74HC32ADR2	On Semiconductor		SN74HC32DTE4		S	SOIC	14
MC74HC32ADR2G	On Semiconductor	Pb-Free	CD74HC32M96		S	SOIC	14
MC74HC32ADR2G	On Semiconductor		SN74HC32DR		S	SOIC	14
MC74HC32ADR2G	On Semiconductor		SN74HC32DRE4		S	SOIC	14
MC74HC32ADR2G	On Semiconductor		SN74HC32DT		S	SOIC	14
MC74HC32ADR2G	On Semiconductor		SN74HC32DTE4		S	SOIC	14
MC74HC32ADT	On Semiconductor		SN74HC32PW		S	TSSOP	14
MC74HC32ADTEL	On Semiconductor		SN74HC32PWR		S	TSSOP	14
MC74HC32ADTEL	On Semiconductor		SN74HC32PWRE4		S	TSSOP	14
MC74HC32ADTEL	On Semiconductor		SN74HC32PWRG4		S	TSSOP	14
MC74HC32ADTELG	On Semiconductor	Pb-Free	SN74HC32PWR		S	TSSOP	14
MC74HC32ADTG	On Semiconductor	Pb-Free	SN74HC32PW		S	TSSOP	14
MC74HC32ADTR2	On Semiconductor		SN74HC32PWR		S	TSSOP	14
MC74HC32ADTR2	On Semiconductor		SN74HC32PWRE4		S	TSSOP	14
MC74HC32ADTR2	On Semiconductor		SN74HC32PWRG4		S	TSSOP	14
MC74HC32ADTR2G	On Semiconductor	Pb-Free	SN74HC32PWR		S	TSSOP	14
MC74HC32ADTR2G	On Semiconductor		SN74HC32PWRE4		S	TSSOP	14
MC74HC32ADTR2G	On Semiconductor		SN74HC32PWRG4		S	TSSOP	14
MC74HC32AF	On Semiconductor		SN74HC32NSR		S	SOP-EIAJ-II	14
MC74HC32AFEL	On Semiconductor		SN74HC32NSR		S	SOP-EIAJ-II	14
MC74HC32AFEL	On Semiconductor		SN74HC32NSRE4		S	SOP-EIAJ-II	14
MC74HC32AFEL	On Semiconductor		SN74HC32NSRG4		S	SOP-EIAJ-II	14
MC74HC32AFELG	On Semiconductor	Pb-Free	SN74HC32NSR		S	SOP-EIAJ-II	14
MC74HC32AFELG	On Semiconductor		SN74HC32NSRE4		S	SOP-EIAJ-II	14
MC74HC32AFELG	On Semiconductor		SN74HC32NSRG4		S	SOP-EIAJ-II	14
MC74HC32AFG	On Semiconductor	Pb-Free	SN74HC32NSR		S	SOP-EIAJ-II	14
MC74HC32AN	On Semiconductor		CD74HC32E		S	PDIP	14
MC74HC32AN	On Semiconductor		SN74HC32N		S	PDIP	14
MC74HC32AN	On Semiconductor		SN74HC32NE4		S	PDIP	14
MC74HC32ANG	On Semiconductor	Pb-Free	CD74HC32E		S	PDIP	14
MC74HC32ANG	On Semiconductor		SN74HC32N		S	PDIP	14
MC74HC32ANG	On Semiconductor		SN74HC32NE4		S	PDIP	14
MC74HC365AD	Motorola (MOT)	Discontinued	CD74HC365M		S	SOIC	16
MC74HC365AD	On Semiconductor	tpd differs	CD74HC365M		S	SOIC	16
MC74HC365AD	On Semiconductor		SN74HC365D		S	SOIC	16
MC74HC365ADR2	Motorola (MOT)	Discontinued	CD74HC365M96		S	SOIC	16
MC74HC365ADR2	On Semiconductor	tpd differs	CD74HC365M96		S	SOIC	16
MC74HC365AN	Motorola (MOT)	Discontinued	CD74HC365E		S	PDIP	16
MC74HC365AN	On Semiconductor	tpd differs	CD74HC365E		S	PDIP	16
MC74HC367AD	Motorola (MOT)	Discontinued	CD74HC367M		S	SOIC	16
MC74HC367AD	On Semiconductor		SN74HC367D		S	SOIC	16
MC74HC367ADR2	Motorola (MOT)	Discontinued	CD74HC367M96		S	SOIC	16
MC74HC367AN	Motorola (MOT)	Discontinued	CD74HC367E		S	PDIP	16
MC74HC373ADT	On Semiconductor	Pb-Free	SN74HC373PW		S	TSSOP	20
MC74HC373ADT	On Semiconductor		SN74HC373PWR		S	TSSOP	20
MC74HC373ADTEL	On Semiconductor		SN74HC373PWR		S	TSSOP	20
MC74HC373ADTELG	On Semiconductor		SN74HC373PWR		S	TSSOP	20
MC74HC373ADTG	On Semiconductor	Pb-Free	SN74HC373PW		S	TSSOP	20
MC74HC373ADTG	On Semiconductor		SN74HC373PWE4		S	TSSOP	20

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74HC373ADTG	On Semiconductor		SN74HC373PWRE4		S	TSSOP	20
MC74HC373ADTG	On Semiconductor		SN74HC373PWVRG4		S	TSSOP	20
MC74HC373ADTG	On Semiconductor		SN74HC373PWTE4		S	TSSOP	20
MC74HC373ADTR2	On Semiconductor		SN74HC373PWR		S	TSSOP	20
MC74HC373ADTR2G	On Semiconductor	Pb-Free	SN74HC373PWR		S	TSSOP	20
MC74HC373ADW	On Semiconductor		CD74HC373M		S	SOIC	20
MC74HC373ADW	On Semiconductor		CD74HC373M96E4		S	SOIC	20
MC74HC373ADW	On Semiconductor		SN74HC373DWW		S	SOIC	20
MC74HC373ADW	On Semiconductor		SN74HC373DWRE4		S	SOIC	20
MC74HC373ADWG	On Semiconductor		CD74HC373M		S	SOIC	20
MC74HC373ADWR2	On Semiconductor		CD74HC373M96		S	SOIC	20
MC74HC373ADWR2	On Semiconductor		SN74HC373DWW		S	SOIC	20
MC74HC373ADWR2	On Semiconductor		SN74HC373DWR		S	SOIC	20
MC74HC373ADWR2G	On Semiconductor		CD74HC373M96		S	SOIC	20
MC74HC373AF	On Semiconductor		SN74HC373NSR		S	SOEIAJ	20
MC74HC373AF	On Semiconductor		SN74HC373NSRE4		S	SOEIAJ	20
MC74HC373AF	On Semiconductor		SN74HC373NSRG4		S	SOEIAJ	20
MC74HC373AFEL	On Semiconductor		SN74HC373NSR		S	SOEIAJ	20
MC74HC373AFELG	On Semiconductor	Pb-Free	SN74HC373NSR		S	SOEIAJ	20
MC74HC373AFG	On Semiconductor		SN74HC373NSR		S	SOEIAJ	20
MC74HC373AH	On Semiconductor		CD74HC373E		S	PDIP	20
MC74HC373AN	On Semiconductor		CD74HC373E		S	PDIP	20
MC74HC373AN	On Semiconductor		SN74HC373N		S	PDIP	20
MC74HC373ANG	On Semiconductor		CD74HC373E		S	PDIP	20
MC74HC373DT	On Semiconductor		SN74HC373PW		S	TSSOP	20
MC74HC373DTL	On Semiconductor		SN74HC373PWR		S	TSSOP	20
MC74HC373DTL	On Semiconductor		SN74HC373PWR		S	TSSOP	20
MC74HC373DTLG	On Semiconductor	Pb-Free	SN74HC373PWR		S	TSSOP	20
MC74HC373DTG	On Semiconductor	Pb-Free	SN74HC373PW		S	TSSOP	20
MC74HC373DTR2	On Semiconductor		SN74HC373PWR		S	TSSOP	20
MC74HC373DTR2G	On Semiconductor	Pb-Free	SN74HC373PWR		S	TSSOP	20
MC74HC373F	On Semiconductor		SN74HC373NSR		S	SOP-EIAJ-II	20
MC74HC373FEL	On Semiconductor		SN74HC373NSR		S	SOP-EIAJ-II	20
MC74HC373FELG	On Semiconductor	Pb-Free	SN74HC373NSR		S	SOP-EIAJ-II	20
MC74HC373FG	On Semiconductor	Pb-Free	SN74HC373NSR		S	SOP-EIAJ-II	20
MC74HC374ADW	On Semiconductor	tpd differs	CD74HC374ME4		S	SOIC	20
MC74HC374ADW	On Semiconductor	tpd differs	SN74HC574DWW		S	SOIC	20
MC74HC374ADWR2	On Semiconductor	tpd differs	CD74HC374M96E4		S	SOIC	20
MC74HC374ADWR2	On Semiconductor	tpd differs	SN74HC574DWR		S	SOIC	20
MC74HC374ADWR2G	On Semiconductor	tpd differs	CD74HC374M96E4		S	SOIC	20
MC74HC374AN	On Semiconductor	tpd differs	SN74HC574N		S	PDIP	20
MC74HC374DT	On Semiconductor	Discontinued	SN74HC374PWR		S	TSSOP	20
MC74HC374DTL	On Semiconductor	Discontinued	SN74HC374PWR		S	TSSOP	20
MC74HC374DTR2	On Semiconductor	Discontinued	SN74HC374PWR		S	TSSOP	20
MC74HC374F	On Semiconductor	Discontinued	SN74HC374NSR		S	SOP-EIAJ-II	20
MC74HC374FEL	On Semiconductor	Discontinued	SN74HC374NSR		S	SOP-EIAJ-II	20
MC74HC390AD	On Semiconductor		CD74HC390M		S	SOIC	16
MC74HC390ADG	On Semiconductor	Pb-Free	CD74HC390M		S	SOIC	16
MC74HC390ADR2	On Semiconductor		CD74HC390M96		S	SOIC	16
MC74HC390ADR2	On Semiconductor		CD74HC390MT		S	SOIC	16
MC74HC390ADR2G	On Semiconductor	Pb-Free	CD74HC390M96		S	SOIC	16
MC74HC390AN	On Semiconductor		CD74HC390E		S	PDIP	16
MC74HC390ANG	On Semiconductor	Pb-Free	CD74HC390E		S	PDIP	16
MC74HC393AD	On Semiconductor		CD74HC393M		S	SOIC	14
MC74HC393AD	On Semiconductor	tpd differs	SN74HC393D		S	SOIC	14
MC74HC393ADG	On Semiconductor	Pb-Free	CD74HC393M		S	SOIC	14
MC74HC393ADR2	On Semiconductor		CD74HC393M96		S	SOIC	14
MC74HC393ADR2	On Semiconductor		CD74HC393MT		S	SOIC	14
MC74HC393ADR2	On Semiconductor	tpd differs	SN74HC393DR		S	SOIC	14
MC74HC393ADR2	On Semiconductor	tpd differs	SN74HC393DT		S	SOIC	14
MC74HC393ADR2G	On Semiconductor	Pb-Free	CD74HC393M96		S	SOIC	14
MC74HC393ADT	On Semiconductor		SN74HC393PW		S	TSSOP	14
MC74HC393ADT	On Semiconductor	tpd differs	SN74HC393PWR		S	TSSOP	14
MC74HC393ADTEL	On Semiconductor		SN74HC393PWR		S	TSSOP	14
MC74HC393ADTELG	On Semiconductor	Pb-Free	SN74HC393PWR		S	TSSOP	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74HC393ADTG	On Semiconductor	Pb-Free	SN74HC393PW		S	TSSOP	14
MC74HC393ADTR2	On Semiconductor		SN74HC393PWR		S	TSSOP	14
MC74HC393ADTR2G	On Semiconductor	Pb-Free	SN74HC393PWR		S	TSSOP	14
MC74HC393AF	On Semiconductor		SN74HC393NSR		S	SOP-EIAJ-II	14
MC74HC393AFEL	On Semiconductor		SN74HC393NSR		S	SOP-EIAJ-II	14
MC74HC393AFELG	On Semiconductor	Pb-Free	SN74HC393NSR		S	SOP-EIAJ-II	14
MC74HC393AFG	On Semiconductor	Pb-Free	SN74HC393NSR		S	SOP-EIAJ-II	14
MC74HC393AN	On Semiconductor		CD74HC393E		S	PDIP	14
MC74HC393AN	On Semiconductor	tpd differs	SN74HC393N		S	PDIP	14
MC74HC393ANG	On Semiconductor	Pb-Free	CD74HC393E		S	PDIP	14
MC74HC393D	On Semiconductor		SN74HC393D		S	SOIC	14
MC74HC393N	On Semiconductor		CD74HC393E		S	PDIP	14
MC74HC393N	On Semiconductor		SN74HC393N		S	PDIP	14
MC74HC4002D	Motorola (MOT)	Discontinued	CD74HC4002M		S	SOIC	14
MC74HC4002DR2	Motorola (MOT)	Discontinued	CD74HC4002M96		S	SOIC	14
MC74HC4002N	Motorola (MOT)	Discontinued	CD74HC4002E		S	PDIP	14
MC74HC4017D	Motorola (MOT)	Discontinued	CD74HC4017M		S	SOIC	16
MC74HC4017D	On Semiconductor		CD74HC4017M		S	SOIC	16
MC74HC4017DR2	Motorola (MOT)	Discontinued	CD74HC4017M96		S	SOIC	16
MC74HC4017DR2	On Semiconductor		CD74HC4017M96		S	SOIC	16
MC74HC4017N	Motorola (MOT)	Discontinued	CD74HC4017E		S	PDIP	16
MC74HC4017N	On Semiconductor		CD74HC4017E		S	PDIP	16
MC74HC4020AD	On Semiconductor		CD74HC4020M		S	SOIC	16
MC74HC4020AD	On Semiconductor	tpd differs	SN74HC4020D		S	SOIC	16
MC74HC4020ADG	On Semiconductor	Pb-Free	CD74HC4020M		S	SOIC	16
MC74HC4020ADR2	On Semiconductor		CD74HC4020M96		S	SOIC	16
MC74HC4020ADR2	On Semiconductor	tpd differs	CD74HC4020MT		S	SOIC	16
MC74HC4020ADR2	On Semiconductor	tpd differs	SN74HC4020DT		S	SOIC	16
MC74HC4020ADR2G	On Semiconductor	Pb-Free	CD74HC4020M96		S	SOIC	16
MC74HC4020ADR2G	On Semiconductor	tpd differs	CD74HC4020MT		S	SOIC	16
MC74HC4020ADR2G	On Semiconductor	tpd differs	SN74HC4020DT		S	SOIC	16
MC74HC4020ADT	On Semiconductor	tpd differs	SN74HC4020PWR		S	TSSOP	16
MC74HC4020ADTR2	On Semiconductor	tpd differs	SN74HC4020PWR		S	TSSOP	16
MC74HC4020ADTR2G	On Semiconductor	tpd differs	SN74HC4020PWR		S	TSSOP	16
MC74HC4020AFEL	On Semiconductor	tpd differs	SN74HC4020NSR		S	SOP-EIAJ-II	16
MC74HC4020AFELG	On Semiconductor	tpd differs	SN74HC4020NSR		S	SOP-EIAJ-II	16
MC74HC4020AN	On Semiconductor		CD74HC4020E		S	PDIP	16
MC74HC4020AN	On Semiconductor	tpd differs	SN74HC4020N		S	PDIP	16
MC74HC4020ANG	On Semiconductor	Pb-Free	CD74HC4020E		S	PDIP	16
MC74HC4024D	Motorola (MOT)	Discontinued	CD74HC4024M		S	SOIC	14
MC74HC4024D	On Semiconductor	tpd differs	CD74HC4024M		S	SOIC	14
MC74HC4024DR2	Motorola (MOT)	Discontinued	CD74HC4024M96		S	SOIC	14
MC74HC4024DR2	On Semiconductor	tpd differs	CD74HC4024M96		S	SOIC	14
MC74HC4024N	Motorola (MOT)	Discontinued	CD74HC4024E		S	PDIP	14
MC74HC4024N	On Semiconductor	tpd differs	CD74HC4024E		S	PDIP	14
MC74HC4040AD	On Semiconductor		CD74HC4040M		S	SOIC	16
MC74HC4040ADG	On Semiconductor	Pb-Free	CD74HC4040M		S	SOIC	16
MC74HC4040ADR2	On Semiconductor		CD74HC4040M96		S	SOIC	16
MC74HC4040ADR2	On Semiconductor	tpd differs	CD74HC4040MT		S	SOIC	16
MC74HC4040ADR2G	On Semiconductor	Pb-Free	CD74HC4040M96		S	SOIC	16
MC74HC4040ADT	On Semiconductor		SN74HC4040PWR		S	TSSOP	16
MC74HC4040ADTEL	On Semiconductor	tpd differs	SN74HC4040PWR		S	TSSOP	16
MC74HC4040ADTELG	On Semiconductor	tpd differs	SN74HC4040PWR		S	TSSOP	16
MC74HC4040ADTR2	On Semiconductor	tpd differs	SN74HC4040PWR		S	TSSOP	16
MC74HC4040ADTR2G	On Semiconductor	tpd differs	SN74HC4040PWR		S	TSSOP	16
MC74HC4040AF	On Semiconductor		CD74HC4040NSR		S	SOP-EIAJ-II	16
MC74HC4040AFEL	On Semiconductor		CD74HC4040NSR		S	SOP-EIAJ-II	16
MC74HC4040AFELG	On Semiconductor	Pb-Free	CD74HC4040NSR		S	SOP-EIAJ-II	16
MC74HC4040AFG	On Semiconductor	Pb-Free	CD74HC4040NSR		S	SOP-EIAJ-II	16
MC74HC4040AN	On Semiconductor		CD74HC4040E		S	PDIP	16
MC74HC4040ANG	On Semiconductor	Pb-Free	CD74HC4040E		S	PDIP	16
MC74HC4046AD	On Semiconductor		CD74HC4046AM		S	SOIC	16
MC74HC4046ADG	On Semiconductor	Pb-Free	CD74HC4046AM		S	SOIC	16
MC74HC4046ADR2	On Semiconductor		CD74HC4046AM96		S	SOIC	16

MC74HC393ADTG — MC74HC4046ADR2

**Replacement Codes**

**S** - The TI device is a Direct Replacement  
**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74HC4046ADR2G	On Semiconductor	Pb-Free	CD74HC4046AM96		S	SOIC	16
MC74HC4046ADT	On Semiconductor	Operating frequency, Vs differ	CD74HC4046APWR		S	TSSOP	16
MC74HC4046ADTEL	On Semiconductor		CD74HC4046APWR		S	TSSOP	16
MC74HC4046ADTELG	On Semiconductor	Pb-Free	CD74HC4046APWR		S	TSSOP	16
MC74HC4046ADTG	On Semiconductor	Operating frequency, Vs differ	CD74HC4046APWR		S	TSSOP	16
MC74HC4046ADTR2	On Semiconductor		CD74HC4046APWR		S	TSSOP	16
MC74HC4046ADTR2G	On Semiconductor	Pb-Free	CD74HC4046APWR		S	TSSOP	16
MC74HC4046AF	On Semiconductor	Operating frequency, Vs differ	CD74HC4046ANSR		S	SOP	16
MC74HC4046AFEL	On Semiconductor		CD74HC4046ANSR		S	SOP-EIAJ-II	16
MC74HC4046AFELG	On Semiconductor	Pb-Free	CD74HC4046ANSR		S	SOP-EIAJ-II	16
MC74HC4046AFG	On Semiconductor	Operating frequency, Vs differ	CD74HC4046ANSR		S	SOP	16
MC74HC4046AN	On Semiconductor		CD74HC4046AE		S	PDIP	16
MC74HC4046ANG	On Semiconductor	Pb-Free	CD74HC4046AE		S	PDIP	16
MC74HC4049D	Motorola (MOT)	Discontinued	CD74HC4049M		S	SOIC	16
MC74HC4049D	On Semiconductor		CD74HC4049M		S	SOIC	16
MC74HC4049DR2	Motorola (MOT)	Discontinued	CD74HC4049M96		S	SOIC	16
MC74HC4049DR2	On Semiconductor		CD74HC4049M96		S	SOIC	16
MC74HC4049N	Motorola (MOT)	Discontinued	CD74HC4049E		S	PDIP	16
MC74HC4049N	On Semiconductor		CD74HC4049E		S	PDIP	16
MC74HC4050D	Motorola (MOT)	Discontinued	CD74HC4050M		S	SOIC	16
MC74HC4050D	On Semiconductor		CD74HC4050M		S	SOIC	16
MC74HC4050DR2	Motorola (MOT)	Discontinued	CD74HC4050M96		S	SOIC	16
MC74HC4050DR2	On Semiconductor		CD74HC4050M96		S	SOIC	16
MC74HC4050N	Motorola (MOT)	Discontinued	CD74HC4050E		S	PDIP	16
MC74HC4050N	On Semiconductor		CD74HC4050E		S	PDIP	16
MC74HC4051AD	On Semiconductor		CD74HC4051M		S	SOIC	16
MC74HC4051ADG	On Semiconductor	Pb-Free	CD74HC4051M		S	SOIC	16
MC74HC4051ADR2	On Semiconductor		CD74HC4051M96		S	SOIC	16
MC74HC4051ADR2G	On Semiconductor	Pb-Free	CD74HC4051M96		S	SOIC	16
MC74HC4051ADT	On Semiconductor	Ron, toff, ton, tpd, Vs differ	CD74HC4051PWR		S	TSSOP	16
MC74HC4051ADTEL	On Semiconductor		CD74HC4051PWR		S	TSSOP	16
MC74HC4051ADTELG	On Semiconductor	Pb-Free	CD74HC4051PWR		S	TSSOP	16
MC74HC4051ADTIG	On Semiconductor	Ron, toff, ton, tpd, Vs differ	CD74HC4051PWR		S	TSSOP	16
MC74HC4051ADTR2	On Semiconductor		CD74HC4051PWR		S	TSSOP	16
MC74HC4051ADTR2G	On Semiconductor	Pb-Free	CD74HC4051PWR		S	TSSOP	16
MC74HC4051ADW	On Semiconductor	Ron, toff, ton, tpd, Vs differ	CD74HC4051M	SOIC narrow package	P	SOIC	16
MC74HC4051ADWG	On Semiconductor	Ron, toff, ton, tpd, Vs differ	CD74HC4051M	SOIC narrow package	P	SOIC	16
MC74HC4051ADWR2	On Semiconductor	Ron, toff, ton, tpd, Vs differ	CD74HC4051M96	SOIC narrow package	P	SOIC	16
MC74HC4051ADWR2G	On Semiconductor	Ron, toff, ton, tpd, Vs differ	CD74HC4051M96	SOIC narrow package	P	SOIC	16
MC74HC4051AF	On Semiconductor	Ron, toff, ton, tpd, Vs differ	CD74HC4051NSR		S	SOEIAJ	16
MC74HC4051AFEL	On Semiconductor		CD74HC4051NSR		S	SOP-EIAJ-II	16
MC74HC4051AFELG	On Semiconductor	Pb-Free	CD74HC4051NSR		S	SOP-EIAJ-II	16
MC74HC4051AFG	On Semiconductor	Ron, toff, ton, tpd, Vs differ	CD74HC4051NSR		S	SOEIAJ	16
MC74HC4051AN	On Semiconductor		CD74HC4051E		S	PDIP	16
MC74HC4051ANG	On Semiconductor	Pb-Free	CD74HC4051E		S	PDIP	16
MC74HC4052AD	On Semiconductor		CD74HC4052M		S	SOIC	16
MC74HC4052ADG	On Semiconductor	Pb-Free	CD74HC4052M		S	SOIC	16
MC74HC4052ADR2	On Semiconductor		CD74HC4052M96		S	SOIC	16
MC74HC4052ADR2G	On Semiconductor	Pb-Free	CD74HC4052M96		S	SOIC	16
MC74HC4052ADT	On Semiconductor		CD74HC4052PW		S	TSSOP	16
MC74HC4052ADTG	On Semiconductor	Pb-Free	CD74HC4052PW		S	TSSOP	16
MC74HC4052ADTR2	On Semiconductor		CD74HC4052PWR		S	TSSOP	16
MC74HC4052ADTR2G	On Semiconductor	Pb-Free	CD74HC4052PWR		S	TSSOP	16
MC74HC4052ADW	On Semiconductor	Ron, toff, ton, tpd, Vs differ	CD74HC4052M	SOIC narrow package	P	SOIC	16
MC74HC4052ADWG	On Semiconductor	Ron, toff, ton, tpd, Vs differ	CD74HC4052M	SOIC narrow package	P	SOIC	16
MC74HC4052ADWR2	On Semiconductor	Ron, toff, ton, tpd, Vs differ	CD74HC4052M96	SOIC narrow package	P	SOIC	16
MC74HC4052ADWR2G	On Semiconductor	Ron, toff, ton, tpd, Vs differ	CD74HC4052M96	SOIC narrow package	P	SOIC	16
MC74HC4052AF	On Semiconductor	Ron, toff, ton, tpd, Vs differ	CD74HC4052NSR		S	SOEIAJ	16
MC74HC4052AFEL	On Semiconductor		CD74HC4052NSR		S	SOP-EIAJ-II	16
MC74HC4052AFELG	On Semiconductor	Pb-Free	CD74HC4052NSR		S	SOP-EIAJ-II	16
MC74HC4052AFG	On Semiconductor	Ron, toff, ton, tpd, Vs differ	CD74HC4052NSR		S	SOEIAJ	16
MC74HC4052AN	On Semiconductor		CD74HC4052E		S	PDIP	16
MC74HC4052ANG	On Semiconductor	Pb-Free	CD74HC4052E		S	PDIP	16
MC74HC4052N	On Semiconductor		CD74HC4052E		S	PDIP	16

**Replacement Codes****S** - The TI device is a Direct Replacement**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74HC4052NG	On Semiconductor	Pb-Free	CD74HC4052E		S	PDIP	16
MC74HC4053AD	On Semiconductor		CD74HC4053M		S	SOIC	16
MC74HC4053ADG	On Semiconductor	Pb-Free	CD74HC4053M		S	SOIC	16
MC74HC4053ADR2	On Semiconductor		CD74HC4053M96		S	SOIC	16
MC74HC4053ADR2G	On Semiconductor	Pb-Free	CD74HC4053M96		S	SOIC	16
MC74HC4053ADT	On Semiconductor		CD74HC4053PWR		S	TSSOP	
MC74HC4053ADTEL	On Semiconductor		CD74HC4053PWR		S	TSSOP	
MC74HC4053ADTELG	On Semiconductor	Pb-Free	CD74HC4053PWR		S	TSSOP	16
MC74HC4053ADTG	On Semiconductor	Pb-Free	CD74HC4053PW		S	TSSOP	16
MC74HC4053ADTR2	On Semiconductor		CD74HC4053PWR		S	TSSOP	
MC74HC4053ADTR2G	On Semiconductor	Pb-Free	CD74HC4053PWR		S	TSSOP	16
MC74HC4053ADW	On Semiconductor		CD74HC4053M	SOIC narrow package	P	SOIC	16
MC74HC4053ADWG	On Semiconductor	Pb-Free	CD74HC4053M96	SOIC narrow package	P	SOIC	16
MC74HC4053ADWR2	On Semiconductor		CD74HC4053M	SOIC narrow package	P	SOIC	16
MC74HC4053ADWR2G	On Semiconductor		CD74HC4053M96	SOIC narrow package	P	SOIC	16
MC74HC4053AF	On Semiconductor	Vs differs	CD74HC4053NSR		S	SOEIAJ	16
MC74HC4053AFEL	On Semiconductor		CD74HC4053NSR		S	SOP-EIAJ-II	16
MC74HC4053AFELG	On Semiconductor	Pb-Free	CD74HC4053NSR		S	SOP-EIAJ-II	16
MC74HC4053AFG	On Semiconductor	Ron, toff, ton, Vs differ	CD74HC4053NSR		S	SOEIAJ	16
MC74HC4053AN	On Semiconductor		CD74HC4053E		S	PDIP	16
MC74HC4053ANG	On Semiconductor	Pb-Free	CD74HC4053E		S	PDIP	16
MC74HC4060AD	On Semiconductor		CD74HC4060M		S	SOIC	16
MC74HC4060ADG	On Semiconductor	Pb-Free	CD74HC4060M		S	SOIC	16
MC74HC4060ADR2	On Semiconductor		CD74HC4060M96		S	SOIC	16
MC74HC4060ADR2G	On Semiconductor		CD74HC4060MT		S	SOIC	16
MC74HC4060ADR2G	On Semiconductor	Pb-Free	CD74HC4060M96		S	SOIC	16
MC74HC4060ADT	On Semiconductor		CD74HC4060PW		S	TSSOP	16
MC74HC4060ADT	On Semiconductor		CD74HC4060PWR		S	TSSOP	16
MC74HC4060ADTEL	On Semiconductor		CD74HC4060PWR		S	TSSOP	16
MC74HC4060ADTELG	On Semiconductor	Pb-Free	CD74HC4060PWR		S	TSSOP	16
MC74HC4060ADTG	On Semiconductor	Pb-Free	CD74HC4060PW		S	TSSOP	16
MC74HC4060ADTR2	On Semiconductor		CD74HC4060PWR		S	TSSOP	16
MC74HC4060ADTR2G	On Semiconductor	Pb-Free	CD74HC4060PWR		S	TSSOP	16
MC74HC4060AF	On Semiconductor		SN74HC4060NSR		S	SOP-EIAJ-II	16
MC74HC4060AF	On Semiconductor	tpd differs	SN74HC4060NSR		S	SOP-EIAJ-II	16
MC74HC4060AFEL	On Semiconductor		SN74HC4060NSR		S	SOP-EIAJ-II	16
MC74HC4060AFELG	On Semiconductor	Pb-Free	SN74HC4060NSR		S	SOP-EIAJ-II	16
MC74HC4060AFG	On Semiconductor	Pb-Free	SN74HC4060NSR		S	SOP-EIAJ-II	16
MC74HC4060AFG	On Semiconductor	tpd differs	SN74HC4060NSR		S	SOP-EIAJ-II	16
MC74HC4060AN	On Semiconductor		CD74HC4060E		S	PDIP	16
MC74HC4060ANG	On Semiconductor	Pb-Free	CD74HC4060E		S	PDIP	16
MC74HC4066AD	On Semiconductor		CD74HC4066M		S	SOIC	14
MC74HC4066ADG	On Semiconductor	Pb-Free	CD74HC4066M		S	SOIC	14
MC74HC4066ADR2	On Semiconductor		CD74HC4066M96		S	SOIC	14
MC74HC4066ADR2G	On Semiconductor	Pb-Free	CD74HC4066M96		S	SOIC	14
MC74HC4066ADT	On Semiconductor		CD74HC4066PW		S	TSSOP	14
MC74HC4066ADTG	On Semiconductor	Pb-Free	CD74HC4066PW		S	TSSOP	14
MC74HC4066ADTR2	On Semiconductor		CD74HC4066PWR		S	TSSOP	14
MC74HC4066ADTR2G	On Semiconductor	Pb-Free	CD74HC4066PWR		S	TSSOP	14
MC74HC4066AF	On Semiconductor	Ron, toff, ton differ	SN74HC4066NSR		S	SOEIAJ	14
MC74HC4066AFEL	On Semiconductor		SN74HC4066NSR		S	SOP-EIAJ-II	14
MC74HC4066AFELG	On Semiconductor	Pb-Free	SN74HC4066NSR		S	SOP-EIAJ-II	14
MC74HC4066AFG	On Semiconductor	Pb-Free	SN74HC4066NSR		S	SOP-EIAJ-II	14
MC74HC4066AN	On Semiconductor		CD74HC4066E		S	PDIP	14
MC74HC4066ANG	On Semiconductor	Pb-Free	CD74HC4066E		S	PDIP	14
MC74HC4066D	On Semiconductor		CD74HC4066M		S	SOIC	14
MC74HC4066DG	On Semiconductor	Pb-Free	CD74HC4066M		S	SOIC	14
MC74HC4066DR2	On Semiconductor		CD74HC4066M96		S	SOIC	14
MC74HC4066DR2G	On Semiconductor	Pb-Free	CD74HC4066M96		S	SOIC	14
MC74HC4066DT	On Semiconductor		CD74HC4066PW		S	TSSOP	14
MC74HC4066DTL	On Semiconductor		CD74HC4066PWR		S	TSSOP	14
MC74HC4066DTELG	On Semiconductor	Pb-Free	CD74HC4066PWR		S	TSSOP	14
MC74HC4066DTG	On Semiconductor	Pb-Free	CD74HC4066PW		S	TSSOP	14

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74HC4066DTR2	On Semiconductor		CD74HC4066PWR		S	TSSOP	14
MC74HC4066DTR2G	On Semiconductor	Pb-Free	CD74HC4066PWR		S	TSSOP	14
MC74HC4066F	On Semiconductor		SN74HC4066NSR		S	SOP-EIAJ-II	14
MC74HC4066FEL	On Semiconductor		SN74HC4066NSR		S	SOP-EIAJ-II	14
MC74HC4066FELG	On Semiconductor	Pb-Free	SN74HC4066NSR		S	SOP-EIAJ-II	14
MC74HC4066FG	On Semiconductor	Pb-Free	SN74HC4066NSR		S	SOP-EIAJ-II	14
MC74HC4066N	On Semiconductor		CD74HC4066E		S	PDIP	14
MC74HC4066NG	On Semiconductor	Pb-Free	CD74HC4066E		S	PDIP	14
MC74HC4075D	Motorola (MOT)	Discontinued	CD74HC4075M		S	SOIC	14
MC74HC4075DR2	Motorola (MOT)	Discontinued	CD74HC4075M96		S	SOIC	14
MC74HC4075N	Motorola (MOT)	Discontinued	CD74HC4075E		S	PDIP	14
MC74HC4075N	On Semiconductor	tpd differs	CD74HC4075E		S	PDIP	14
MC74HC42D	Motorola (MOT)	Discontinued	CD74HC42M		S	SOIC	16
MC74HC42DR2	Motorola (MOT)	Discontinued	SN74HC42DR		S	SOIC	16
MC74HC42N	Motorola (MOT)	Discontinued	CD74HC42E		S	PDIP	16
MC74HC4316AD	On Semiconductor		CD74HC4316M		S	SOIC	16
MC74HC4316ADG	On Semiconductor	Pb-Free	CD74HC4316M		S	SOIC	16
MC74HC4316ADR2	On Semiconductor		CD74HC4316M96		S	SOIC	16
MC74HC4316ADR2G	On Semiconductor	Pb-Free	CD74HC4316M96		S	SOIC	16
MC74HC4316ADT	On Semiconductor		CD74HC4316PW		S	TSSOP	16
MC74HC4316ADTG	On Semiconductor	Pb-Free	CD74HC4316PW		S	TSSOP	16
MC74HC4316ADTR2	On Semiconductor		CD74HC4316PWR		S	TSSOP	16
MC74HC4316ADTR2G	On Semiconductor	Pb-Free	CD74HC4316PWR		S	TSSOP	16
MC74HC4316AF	On Semiconductor		CD74HC4316NSR		S	SOP-EIAJ-II	16
MC74HC4316AFEL	On Semiconductor		CD74HC4316NSR		S	SOP-EIAJ-II	16
MC74HC4316AFELG	On Semiconductor	Pb-Free	CD74HC4316NSR		S	SOP-EIAJ-II	16
MC74HC4316AFG	On Semiconductor	Pb-Free	CD74HC4316NSR		S	SOP-EIAJ-II	16
MC74HC4316AN	On Semiconductor		CD74HC4316E		S	PDIP	16
MC74HC4316ANG	On Semiconductor	Pb-Free	CD74HC4316E		S	PDIP	16
MC74HC4316D	On Semiconductor		CD74HC4316M		S	SOIC	16
MC74HC4316DG	On Semiconductor	Pb-Free	CD74HC4316M		S	SOIC	16
MC74HC4316DR2	On Semiconductor		CD74HC4316M96		S	SOIC	16
MC74HC4316DR2G	On Semiconductor	Pb-Free	CD74HC4316M96		S	SOIC	16
MC74HC4316F	On Semiconductor		CD74HC4316NSR		S	SOP-EIAJ-II	16
MC74HC4316FEL	On Semiconductor		CD74HC4316NSR		S	SOP-EIAJ-II	16
MC74HC4316FELG	On Semiconductor	Pb-Free	CD74HC4316NSR		S	SOP-EIAJ-II	16
MC74HC4316FG	On Semiconductor	Pb-Free	CD74HC4316NSR		S	SOP-EIAJ-II	16
MC74HC4316N	On Semiconductor		CD74HC4316E		S	PDIP	16
MC74HC4316NG	On Semiconductor	Pb-Free	CD74HC4316E		S	PDIP	16
MC74HC4351DW	Motorola (MOT)	Discontinued	CD74HC4351M		S	SOIC	20
MC74HC4351DW	On Semiconductor	Ron, toff, ton, Vs differ	CD74HC4351M		S	SOIC	20
MC74HC4351DWR2	Motorola (MOT)	Discontinued	CD74HC4351M96		S	SOIC	20
MC74HC4351DWR2	On Semiconductor	Ron, toff, ton, Vs differ	CD74HC4351M96		S	SOIC	20
MC74HC4351N	Motorola (MOT)	Discontinued	CD74HC4351E		S	PDIP	20
MC74HC4351N	On Semiconductor	Ron, toff, ton, Vs differ	CD74HC4351E		S	PDIP	20
MC74HC4514DW	Motorola (MOT)	Discontinued	CD74HC4514M		S	SOIC	24
MC74HC4514DWR2	Motorola (MOT)	Discontinued	CD74HC4514M96		S	SOIC	24
MC74HC4514N	Motorola (MOT)	Discontinued	CD74HC4514EN		S	PDIP	24
MC74HC4538AD	On Semiconductor		CD74HC4538M		S	SOIC	16
MC74HC4538ADG	On Semiconductor	Pb-Free	CD74HC4538M		S	SOIC	16
MC74HC4538ADR2	On Semiconductor		CD74HC4538M96		S	SOIC	16
MC74HC4538ADR2G	On Semiconductor	Pb-Free	CD74HC4538M96		S	SOIC	16
MC74HC4538ADT	On Semiconductor		CD74HC4538PW		S	TSSOP	16
MC74HC4538ADT	On Semiconductor		CD74HC4538PWR		S	TSSOP	16
MC74HC4538ADTG	On Semiconductor	Pb-Free	CD74HC4538PW		S	TSSOP	16
MC74HC4538ADTR2	On Semiconductor		CD74HC4538PWR		S	TSSOP	16
MC74HC4538ADTR2G	On Semiconductor	Pb-Free	CD74HC4538PWR		S	TSSOP	16
MC74HC4538AF	On Semiconductor	tpd differs	CD74HC4538NSR		S	SOP	16
MC74HC4538AFEL	On Semiconductor		CD74HC4538NSR		S	SOP-EIAJ-II	16
MC74HC4538AFELG	On Semiconductor	Pb-Free	CD74HC4538NSR		S	SOP-EIAJ-II	16
MC74HC4538AFG	On Semiconductor	tpd differs	CD74HC4538NSR		S	SOP	16
MC74HC4538AN	On Semiconductor		CD74HC4538E		S	PDIP	16
MC74HC4538ANG	On Semiconductor	Pb-Free	CD74HC4538E		S	PDIP	16
MC74HC4538N	Motorola (MOT)		CD74HC4538E		S	PDIP	16

#### Replacement Codes

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74HC4851AD	On Semiconductor		SN74HC4851D		S	SOIC	16
MC74HC4851ADG	On Semiconductor	Pb-Free	SN74HC4851D		S	SOIC	16
MC74HC4851ADR2	On Semiconductor		SN74HC4851DR		S	SOIC	16
MC74HC4851ADR2G	On Semiconductor	Pb-Free	SN74HC4851DR		S	SOIC	16
MC74HC4851ADT	On Semiconductor		SN74HC4851PW		S	TSSOP	16
MC74HC4851ADTG	On Semiconductor	Pb-Free	SN74HC4851PW		S	TSSOP	16
MC74HC4851ADTR2	On Semiconductor		SN74HC4851PWR		S	TSSOP	16
MC74HC4851ADTR2G	On Semiconductor	Pb-Free	SN74HC4851PWR		S	TSSOP	16
MC74HC4851AN	On Semiconductor		SN74HC4851N		S	PDIP	16
MC74HC4851ANG	On Semiconductor	Pb-Free	SN74HC4851N		S	PDIP	16
MC74HC4852AD	On Semiconductor		SN74HC4852D		S	SOIC	16
MC74HC4852ADG	On Semiconductor	Pb-Free	SN74HC4852D		S	SOIC	16
MC74HC4852ADR2	On Semiconductor		SN74HC4852DR		S	SOIC	16
MC74HC4852ADR2G	On Semiconductor	Pb-Free	SN74HC4852DR		S	SOIC	16
MC74HC4852ADT	On Semiconductor		SN74HC4852PW		S	TSSOP	16
MC74HC4852ADTR2	On Semiconductor		SN74HC4852PWR		S	TSSOP	16
MC74HC4852ADTR2G	On Semiconductor	Pb-Free	SN74HC4852PWR		S	TSSOP	16
MC74HC4852AN	On Semiconductor		SN74HC4852N		S	PDIP	16
MC74HC4852ANG	On Semiconductor	Pb-Free	SN74HC4852N		S	PDIP	16
MC74HC534AN	Motorola (MOT)	Discontinued	CD74HC534E		S	PDIP	20
MC74HC540ADT	On Semiconductor		SN74HC540PW		S	TSSOP	20
MC74HC540ADTEL	On Semiconductor		SN74HC540PWR		S	TSSOP	20
MC74HC540ADTELG	On Semiconductor	Pb-Free	SN74HC540PWR		S	TSSOP	20
MC74HC540ADTG	On Semiconductor	Pb-Free	SN74HC540PW		S	TSSOP	20
MC74HC540ADW	On Semiconductor	tpd differs	CD74HC540M		S	SOIC	20
MC74HC540ADW	On Semiconductor	tpd differs	SN74HC540DW		S	SOIC	20
MC74HC540ADWG	On Semiconductor	tpd differs	CD74HC540M		S	SOIC	20
MC74HC540ADWR2	On Semiconductor	tpd differs	CD74HC540M96		S	SOIC	20
MC74HC540ADWR2	On Semiconductor	tpd differs	SN74HC540DW		S	SOIC	20
MC74HC540ADWR2	On Semiconductor	tpd differs	SN74HC540DWR		S	SOIC	20
MC74HC540ADWR2G	On Semiconductor	tpd differs	CD74HC540M96		S	SOIC	20
MC74HC540ADWR2G	On Semiconductor	tpd differs	SN74HC540DWR		S	SOIC	20
MC74HC540AF	On Semiconductor		SN74HC540NSR		S	SOP-EIAJ-II	20
MC74HC540AFEL	On Semiconductor		SN74HC540NSR		S	SOP-EIAJ-II	20
MC74HC540AFELG	On Semiconductor	Pb-Free	SN74HC540NSR		S	SOP-EIAJ-II	20
MC74HC540AFG	On Semiconductor	Pb-Free	SN74HC540NSR		S	SOP-EIAJ-II	20
MC74HC540AH	On Semiconductor	tpd differs	CD74HC540E		S	PDIP	20
MC74HC540AN	On Semiconductor	tpd differs	CD74HC540E		S	PDIP	20
MC74HC540ANG	On Semiconductor	tpd differs	CD74HC540E		S	PDIP	20
MC74HC541ADT	On Semiconductor		CD74HC541PW		S	TSSOP	20
MC74HC541ADTEL	On Semiconductor		CD74HC541PWR		S	TSSOP	20
MC74HC541ADTELG	On Semiconductor	Pb-Free	CD74HC541PWR		S	TSSOP	20
MC74HC541ADTG	On Semiconductor	Pb-Free	CD74HC541PW		S	TSSOP	20
MC74HC541ADTR2	On Semiconductor		CD74HC541PWR		S	TSSOP	20
MC74HC541ADTR2G	On Semiconductor	Pb-Free	CD74HC541PWR		S	TSSOP	20
MC74HC541ADW	On Semiconductor		CD74HC541M		S	SOIC	20
MC74HC541ADW	On Semiconductor	tpd differs	SN74HC541DW		S	SOIC	20
MC74HC541ADWG	On Semiconductor	Pb-Free	CD74HC541M		S	SOIC	20
MC74HC541ADWR2	On Semiconductor		CD74HC541M96		S	SOIC	20
MC74HC541ADWR2	On Semiconductor	tpd differs	SN74HC541DW		S	SOIC	20
MC74HC541ADWR2G	On Semiconductor	Pb-Free	CD74HC541M96		S	SOIC	20
MC74HC541AF	On Semiconductor		SN74HC541NSR		S	SOP-EIAJ-II	20
MC74HC541AFEL	On Semiconductor		SN74HC541NSR		S	SOP-EIAJ-II	20
MC74HC541AFELG	On Semiconductor	Pb-Free	SN74HC541NSR		S	SOP-EIAJ-II	20
MC74HC541AFG	On Semiconductor	Pb-Free	SN74HC541NSR		S	SOP-EIAJ-II	20
MC74HC541AH	On Semiconductor	Discontinued 10/02/2001	CD74HC541E		S	PDIP	20
MC74HC541AN	On Semiconductor		CD74HC541E		S	PDIP	20
MC74HC541ANG	On Semiconductor	Pb-Free	CD74HC541E		S	PDIP	20
MC74HC563ADW	Motorola (MOT)	Discontinued	CD74HC563M		S	SOIC	20
MC74HC563ADW	On Semiconductor		CD74HC563M		S	SOIC	20
MC74HC563ADW	On Semiconductor		SN74HC563DW		S	SOIC	20
MC74HC563ADWR2	Motorola (MOT)	Discontinued	SN74HC563DWR		S	SOIC	20
MC74HC563ADWR2	On Semiconductor		SN74HC563DWR		S	SOIC	20
MC74HC563AN	Motorola (MOT)	Discontinued	CD74HC563E		S	PDIP	20

MC74HC4851AD — MC74HC563AN

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74HC563AN	On Semiconductor		CD74HC563E		S	PDIP	20
MC74HC563AN	On Semiconductor		SN74HC563N		S	PDIP	20
MC74HC564ADW	Motorola (MOT)	Discontinued	CD74HC564M		S	SOIC	20
MC74HC564ADW	On Semiconductor	tpd differs	CD74HC564M		S	SOIC	20
MC74HC564ADWR2	Motorola (MOT)	Discontinued	CD74HC564M96		S	SOIC	20
MC74HC564ADWR2	On Semiconductor	tpd differs	CD74HC564M96		S	SOIC	20
MC74HC564AN	Motorola (MOT)	Discontinued	CD74HC564E		S	PDIP	20
MC74HC564AN	On Semiconductor	tpd differs	CD74HC564E		S	PDIP	20
MC74HC573ADT	On Semiconductor		SN74HC573APWR		S	TSSOP	20
MC74HC573ADTEL	On Semiconductor		SN74HC573APWR		S	TSSOP	20
MC74HC573ADTELG	On Semiconductor	Pb-Free	SN74HC573APWR		S	TSSOP	20
MC74HC573ADTG	On Semiconductor		SN74HC573APWR		S	TSSOP	20
MC74HC573ADTR2	On Semiconductor		SN74HC573APWR		S	TSSOP	20
MC74HC573ADTR2G	On Semiconductor	Pb-Free	SN74HC573APWR		S	TSSOP	20
MC74HC573ADW	On Semiconductor		CD74HC573M		S	SOIC	20
MC74HC573ADW	On Semiconductor		CD74HC573M96		S	SOIC	20
MC74HC573ADW	On Semiconductor		SN74HC573ADW		S	SOIC	20
MC74HC573ADWG	On Semiconductor	Pb-Free	CD74HC573M		S	SOIC	20
MC74HC573ADWG	On Semiconductor		CD74HC573M96		S	SOIC	20
MC74HC573ADWR2	On Semiconductor		CD74HC573M96		S	SOIC	20
MC74HC573ADWR2	On Semiconductor		SN74HC573ADWR		S	SOIC	20
MC74HC573ADWR2G	On Semiconductor	Pb-Free	CD74HC573M96		S	SOIC	20
MC74HC573AH	On Semiconductor	Discontinued 10/02/2001	CD74HC573E		S	PDIP	20
MC74HC573AH	On Semiconductor		SN74HC573AN		S	PDIP	20
MC74HC573AN	On Semiconductor		CD74HC573E		S	PDIP	20
MC74HC573AN	On Semiconductor		SN74HC573AN		S	PDIP	20
MC74HC573ANG	On Semiconductor	Pb-Free	CD74HC573E		S	PDIP	20
MC74HC574ADT	On Semiconductor		SN74HC574PW		S	TSSOP	20
MC74HC574ADTG	On Semiconductor	Pb-Free	SN74HC574PW		S	TSSOP	20
MC74HC574ADTR2	On Semiconductor		SN74HC574PW		S	TSSOP	20
MC74HC574ADTR2G	On Semiconductor	Pb-Free	SN74HC574PW		S	TSSOP	20
MC74HC574ADW	On Semiconductor	tpd differs	CD74HC574M		S	SOIC	20
MC74HC574ADW	On Semiconductor	tpd differs	CD74HC574ME4		S	SOIC	20
MC74HC574ADWG	On Semiconductor	tpd differs	CD74HC574M		S	SOIC	20
MC74HC574ADWR2	On Semiconductor	tpd differs	CD74HC574M96		S	SOIC	20
MC74HC574ADWR2	On Semiconductor	tpd differs	CD74HC574M96E4		S	SOIC	20
MC74HC574ADWR2	On Semiconductor	tpd differs	SN74HC574DW		S	SOIC	20
MC74HC574ADWR2G	On Semiconductor	tpd differs	CD74HC574M96		S	SOIC	20
MC74HC574AF	On Semiconductor		SN74HC574NSR		S	SOP-EIAJ-II	20
MC74HC574AFEL	On Semiconductor		SN74HC574NSR		S	SOP-EIAJ-II	20
MC74HC574AFELG	On Semiconductor	Pb-Free	SN74HC574NSR		S	SOP-EIAJ-II	20
MC74HC574AFG	On Semiconductor	Pb-Free	SN74HC574NSR		S	SOP-EIAJ-II	20
MC74HC574AN	On Semiconductor	tpd differs	CD74HC574E		S	PDIP	20
MC74HC574ANG	On Semiconductor	tpd differs	CD74HC574E		S	PDIP	20
MC74HC595AD	On Semiconductor		CD74HC595M		S	SOIC	16
MC74HC595AD	On Semiconductor	tpd differs	SN74HC595D		S	SOIC	16
MC74HC595ADG	On Semiconductor	Pb-Free	CD74HC595M		S	SOIC	16
MC74HC595ADR2	On Semiconductor	tpd differs	CD74HC595DWR		S	SOIC	16
MC74HC595ADR2	On Semiconductor		CD74HC595M96		S	SOIC	16
MC74HC595ADR2	On Semiconductor	tpd differs	CD74HC595MT		S	SOIC	16
MC74HC595ADR2	On Semiconductor	tpd differs	SN74HC595DR		S	SOIC	16
MC74HC595ADR2	On Semiconductor	tpd differs	SN74HC595DT		S	SOIC	16
MC74HC595ADR2	On Semiconductor	tpd differs	SN74HC595DWR		S	SOIC	16
MC74HC595ADR2G	On Semiconductor	Pb-Free	CD74HC595M96		S	SOIC	16
MC74HC595ADTEL	On Semiconductor	tpd differs	SN74HC595PWR		S	TSSOP	16
MC74HC595ADTELG	On Semiconductor	tpd differs	SN74HC595PWR		S	TSSOP	16
MC74HC595ADTR2	On Semiconductor	tpd differs	SN74HC595PWR		S	TSSOP	16
MC74HC595ADTR2G	On Semiconductor	tpd differs	SN74HC595PWR		S	TSSOP	16
MC74HC595AF	On Semiconductor		CD74HC595NSR		S	SOP-EIAJ-II	16
MC74HC595AFEL	On Semiconductor		CD74HC595NSR		S	SOP-EIAJ-II	16
MC74HC595AFEL	On Semiconductor	tpd differs	SN74HC595NSR		S	SOP-EIAJ-II	16
MC74HC595AFELG	On Semiconductor	Pb-Free	CD74HC595NSR		S	SOP-EIAJ-II	16
MC74HC595AFG	On Semiconductor	Pb-Free	CD74HC595NSR		S	SOP-EIAJ-II	16
MC74HC595AN	On Semiconductor		CD74HC595E		S	PDIP	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74HC595AN	On Semiconductor	tpd differs	SN74HC595N		S	PDIP	16
MC74HC595ANG	On Semiconductor	Pb-Free	CD74HC595E		S	PDIP	16
MC74HC595ANG	On Semiconductor	tpd differs	SN74HC595N		S	PDIP	16
MC74HC597AD	Motorola (MOT)	Discontinued	CD74HC597M		S	SOIC	16
MC74HC597AD	On Semiconductor	tpd differs	CD74HC597M		S	SOIC	16
MC74HC597ADR2	Motorola (MOT)	Discontinued	CD74HC597M96		S	SOIC	16
MC74HC597ADR2	On Semiconductor	tpd differs	CD74HC597M96		S	SOIC	16
MC74HC597AN	Motorola (MOT)	Discontinued	CD74HC597E		S	PDIP	16
MC74HC597AN	On Semiconductor	tpd differs	CD74HC597E		S	PDIP	16
MC74HC640ADW	Motorola (MOT)	Discontinued	CD74HC640M		S	SOIC	20
MC74HC640ADWR2	Motorola (MOT)	Discontinued	SN74HC640DWR		S	SOIC	20
MC74HC640ADWR2	On Semiconductor	tpd differs	SN74HC640DWR		S	SOIC	20
MC74HC640AN	Motorola (MOT)	Discontinued	CD74HC640E		S	PDIP	20
MC74HC688DW	Motorola (MOT)	Discontinued	CD74HC688M		S	SOIC	20
MC74HC688DWR2	Motorola (MOT)	Discontinued	CD74HC688M96		S	SOIC	20
MC74HC688DWR2	On Semiconductor	tpd differs	CD74HC688M96		S	SOIC	20
MC74HC688N	Motorola (MOT)	Discontinued	CD74HC688E		S	PDIP	20
MC74HC688N	On Semiconductor	tpd differs	CD74HC688E		S	PDIP	20
MC74HC7266AD	Motorola (MOT)	Discontinued	CD74HC7266M		S	SOIC	16
MC74HC7266ADR2	Motorola (MOT)	Discontinued	CD74HC7266M96		S	SOIC	16
MC74HC7266AN	Motorola (MOT)	Discontinued	CD74HC7266E		S	PDIP	16
MC74HC73D	Motorola (MOT)	Discontinued	CD74HC73M		S	SOIC	14
MC74HC73DR2	Motorola (MOT)	Discontinued	CD74HC73M96		S	SOIC	14
MC74HC73DR2	On Semiconductor	tpd differs	CD74HC73M96		S	SOIC	14
MC74HC73N	Motorola (MOT)	Discontinued	CD74HC73E		S	PDIP	14
MC74HC74AD	On Semiconductor		CD74HC74M		S	SOIC	14
MC74HC74AD	On Semiconductor		CD74HC74ME4		S	SOIC	14
MC74HC74AD	On Semiconductor	tpd differs	SN74HC74D		S	SOIC	14
MC74HC74ADG	On Semiconductor	Pb-Free	CD74HC74M		S	SOIC	14
MC74HC74ADR2	On Semiconductor		CD74HC74M96		S	SOIC	14
MC74HC74ADR2	On Semiconductor		CD74HC74M96E4		S	SOIC	14
MC74HC74ADR2	On Semiconductor		CD74HC74MT		S	SOIC	14
MC74HC74ADR2	On Semiconductor		CD74HC74MTE4		S	SOIC	14
MC74HC74ADR2G	On Semiconductor	Pb-Free	CD74HC74M96		S	SOIC	14
MC74HC74ADT	On Semiconductor		SN74HC74PW		S	TSSOP	14
MC74HC74ADTEL	On Semiconductor		SN74HC74PWR		S	TSSOP	14
MC74HC74ADTELG	On Semiconductor	Pb-Free	SN74HC74PWR		S	TSSOP	14
MC74HC74ADTG	On Semiconductor		SN74HC74PW		S	TSSOP	14
MC74HC74ADTR2	On Semiconductor		SN74HC74PWR		S	TSSOP	14
MC74HC74ADTR2G	On Semiconductor	Pb-Free	SN74HC74PWR		S	TSSOP	14
MC74HC74AF	On Semiconductor		SN74HC74NSR		S	SOP-EIAJ-II	14
MC74HC74AFEL	On Semiconductor		SN74HC74NSR		S	SOP-EIAJ-II	14
MC74HC74AFELG	On Semiconductor	Pb-Free	SN74HC74NSR		S	SOP-EIAJ-II	14
MC74HC74AFG	On Semiconductor	Pb-Free	SN74HC74NSR		S	SOP-EIAJ-II	14
MC74HC74AN	On Semiconductor		CD74HC74E		S	PDIP	14
MC74HC74ANG	On Semiconductor	Pb-Free	CD74HC74E		S	PDIP	14
MC74HC75D	Motorola (MOT)	Discontinued	CD74HC75M		S	SOIC	16
MC74HC75DR2	Motorola (MOT)	Discontinued	CD74HC75M96		S	SOIC	16
MC74HC75N	Motorola (MOT)	Discontinued	CD74HC75E		S	PDIP	16
MC74HC85N	Motorola (MOT)	Discontinued	CD74HC85E		S	PDIP	16
MC74HC85N	On Semiconductor	tpd differs	CD74HC85E		S	PDIP	16
MC74HC86AD	On Semiconductor		CD74HC86M		S	SOIC	14
MC74HC86AD	On Semiconductor		SN74HC86D		S	SOIC	14
MC74HC86ADG	On Semiconductor		SN74HC86D		S	SOIC	14
MC74HC86ADG	On Semiconductor	Pb-Free	CD74HC86M		S	SOIC	14
MC74HC86ADR2	On Semiconductor		CD74HC86M96		S	SOIC	14
MC74HC86ADR2	On Semiconductor		SN74HC86DR		S	SOIC	14
MC74HC86ADR2	On Semiconductor		SN74HC86DT		S	SOIC	14
MC74HC86ADR2G	On Semiconductor	Pb-Free	CD74HC86M96		S	SOIC	14
MC74HC86ADR2G	On Semiconductor		SN74HC86DR		S	SOIC	14
MC74HC86ADR2G	On Semiconductor		SN74HC86DT		S	SOIC	14
MC74HC86ADT	On Semiconductor		SN74HC86PW		S	TSSOP	14
MC74HC86ADTEL	On Semiconductor		SN74HC86PWR		S	TSSOP	14
MC74HC86ADTELG	On Semiconductor	Pb-Free	SN74HC86PWR		S	TSSOP	14

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

MC74HC595AN — MC74HC86ADTELG



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74HC86ADTG	On Semiconductor	Pb-Free	SN74HC86PW		S	TSSOP	14
MC74HC86ADTR2	On Semiconductor		SN74HC86PWR		S	TSSOP	14
MC74HC86ADTR2	On Semiconductor		SN74HC86PWT		S	TSSOP	14
MC74HC86ADTR2G	On Semiconductor	Pb-Free	SN74HC86PWR		S	TSSOP	14
MC74HC86ADTR2G	On Semiconductor		SN74HC86PWT		S	TSSOP	14
MC74HC86AF	On Semiconductor		SN74HC86NSR		S	SOP-EIAJ-II	14
MC74HC86AFEL	On Semiconductor		SN74HC86NSR		S	SOP-EIAJ-II	14
MC74HC86AFELG	On Semiconductor	Pb-Free	SN74HC86NSR		S	SOP-EIAJ-II	14
MC74HC86AFG	On Semiconductor	Pb-Free	SN74HC86NSR		S	SOP-EIAJ-II	14
MC74HC86AN	On Semiconductor		CD74HC86E		S	PDIP	14
MC74HC86AN	On Semiconductor		SN74HC86N		S	PDIP	14
MC74HC86ANG	On Semiconductor	Pb-Free	CD74HC86E		S	PDIP	14
MC74HCT00AD	Motorola (MOT)	Discontinued	CD74HCT00M		S	SOIC	14
MC74HCT00ADR2	Motorola (MOT)	Discontinued	CD74HCT00M96		S	SOIC	14
MC74HCT00AN	Motorola (MOT)	Discontinued	CD74HCT00E		S	PDIP	14
MC74HCT04AD	On Semiconductor		CD74HCT04M		S	SOIC	14
MC74HCT04ADG	On Semiconductor	Pb-Free	CD74HCT04M		S	SOIC	14
MC74HCT04ADR2	On Semiconductor		CD74HCT04M96		S	SOIC	14
MC74HCT04ADR2G	On Semiconductor	Pb-Free	CD74HCT04M96		S	SOIC	14
MC74HCT04ADT	On Semiconductor		SN74HCT04PW		S	TSSOP	14
MC74HCT04ADTG	On Semiconductor	Pb-Free	SN74HCT04PW		S	TSSOP	14
MC74HCT04ADTR2	On Semiconductor		CD74HCT04PWR		S	TSSOP	14
MC74HCT04ADTR2	On Semiconductor		SN74HCT04PWR		S	TSSOP	14
MC74HCT04ADTR2G	On Semiconductor	Pb-Free	CD74HCT04PWR		S	TSSOP	14
MC74HCT04AF	On Semiconductor		SN74HCT04NSR		S	SOEIAJ	14
MC74HCT04AFEL	On Semiconductor		SN74HCT04NSR		S	SOP-EIAJ-II	14
MC74HCT04AFELG	On Semiconductor	Pb-Free	SN74HCT04NSR		S	SOP-EIAJ-II	14
MC74HCT04AFG	On Semiconductor		SN74HCT04NSR		S	SOEIAJ	14
MC74HCT04AN	On Semiconductor		CD74HCT04E		S	PDIP	14
MC74HCT04ANG	On Semiconductor	Pb-Free	CD74HCT04E		S	PDIP	14
MC74HCT08AD	Motorola (MOT)	Discontinued	CD74HCT08M		S	SOIC	14
MC74HCT08AD	On Semiconductor		CD74HCT08M		S	SOIC	14
MC74HCT08ADR2	Motorola (MOT)	Discontinued	CD74HCT08M96		S	SOIC	14
MC74HCT08ADR2	On Semiconductor		CD74HCT08M96		S	SOIC	14
MC74HCT08AN	Motorola (MOT)	Discontinued	CD74HCT08E		S	PDIP	14
MC74HCT08AN	On Semiconductor		CD74HCT08E		S	PDIP	14
MC74HCT138AD	On Semiconductor		CD74HCT138M		S	SOIC	16
MC74HCT138ADG	On Semiconductor	Pb-Free, Discontinued PDN 13977, 03/31/2005	CD74HCT138M		S	SOIC	16
MC74HCT138ADR2	On Semiconductor	Discontinued PDN 13977, 03/31/2005	CD74HCT138M96		S	SOIC	16
MC74HCT138ADT	On Semiconductor		SN74HCT138PW		S	TSSOP	16
MC74HCT138ADTG	On Semiconductor	Pb-Free	SN74HCT138PW		S	TSSOP	16
MC74HCT138ADTR2	On Semiconductor		SN74HCT138PWR		S	TSSOP	16
MC74HCT138ADTR2G	On Semiconductor	Pb-Free	SN74HCT138PWR		S	TSSOP	16
MC74HCT138AF	On Semiconductor		SN74HCT138NSR		S	SOP	16
MC74HCT138AFEL	On Semiconductor		SN74HCT138NSR		S	SOP-EIAJ-II	16
MC74HCT138AFELG	On Semiconductor	Pb-Free	SN74HCT138NSR		S	SOP-EIAJ-II	16
MC74HCT138AN	On Semiconductor		CD74HCT138E		S	PDIP	16
MC74HCT138ANG	On Semiconductor	Pb-Free	CD74HCT138E		S	PDIP	16
MC74HCT14AD	On Semiconductor		CD74HCT14M		S	SOIC	14
MC74HCT14ADG	On Semiconductor	Pb-Free	CD74HCT14M		S	SOIC	14
MC74HCT14ADR2	On Semiconductor		CD74HCT14M96		S	SOIC	14
MC74HCT14ADR2G	On Semiconductor	Pb-Free	CD74HCT14M96		S	SOIC	14
MC74HCT14ADT	On Semiconductor		CD74HCT14PW		S	TSSOP	14
MC74HCT14ADTG	On Semiconductor	Pb-Free	CD74HCT14PW		S	TSSOP	14
MC74HCT14ADTR2	On Semiconductor		CD74HCT14PWR		S	TSSOP	14
MC74HCT14ADTR2G	On Semiconductor	Pb-Free	CD74HCT14PWR		S	TSSOP	14
MC74HCT14AN	On Semiconductor		CD74HCT14E		S	PDIP	14
MC74HCT14AN	On Semiconductor		SN74HCT14N		S	PDIP	14
MC74HCT14ANG	On Semiconductor	Pb-Free	CD74HCT14E		S	PDIP	14
MC74HCT157AD	Motorola (MOT)	Discontinued	CD74HCT157M		S	SOIC	16
MC74HCT157AD	On Semiconductor	tpd differs	CD74HCT157M		S	SOIC	16
MC74HCT157ADR2	Motorola (MOT)	Discontinued	CD74HCT157M96		S	SOIC	16
MC74HCT157ADR2	On Semiconductor	tpd differs	CD74HCT157M96		S	SOIC	16
MC74HCT157AN	Motorola (MOT)	Discontinued	CD74HCT157E		S	PDIP	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent







Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74HCT574ADWR2	On Semiconductor	tpd differs	CD74HCT574M96		S	SOIC	20
MC74HCT574ADWR2	On Semiconductor	tpd differs	CD74HCT574M96E4		S	SOIC	20
MC74HCT574ADWR2	On Semiconductor	tpd differs	CD74HCT574QM96EP		S	SOIC	20
MC74HCT574ADWR2	On Semiconductor	tpd differs	CD74HCT574QM96Q1		S	SOIC	20
MC74HCT574ADWR2	On Semiconductor	tpd differs	SN74HCT574DW		S	SOIC	20
MC74HCT574ADWR2G	On Semiconductor	tpd differs	CD74HCT574M96		S	SOIC	20
MC74HCT574AF	On Semiconductor		SN74HCT574NSR		S	SOP-EIAJ-II	20
MC74HCT574AFEL	On Semiconductor		SN74HCT574NSR		S	SOP-EIAJ-II	20
MC74HCT574AFELG	On Semiconductor	Pb-Free	SN74HCT574NSR		S	SOP-EIAJ-II	20
MC74HCT574AFG	On Semiconductor	Pb-Free	SN74HCT574NSR		S	SOP-EIAJ-II	20
MC74HCT574AN	On Semiconductor	tpd differs	CD74HCT574E		S	PDIP	20
MC74HCT574ANG	On Semiconductor	tpd differs	CD74HCT574E		S	PDIP	20
MC74HCT74AD	On Semiconductor		CD74HCT74M		S	SOIC	14
MC74HCT74AD	On Semiconductor	tpd differs	CD74HCT74ME4		S	SOIC	14
MC74HCT74ADG	On Semiconductor	Pb-Free	CD74HCT74M		S	SOIC	14
MC74HCT74ADR2	On Semiconductor		CD74HCT74M96		S	SOIC	14
MC74HCT74ADR2	On Semiconductor	tpd differs	CD74HCT74M96E4		S	SOIC	14
MC74HCT74ADR2	On Semiconductor	tpd differs	CD74HCT74MT		S	SOIC	14
MC74HCT74ADR2	On Semiconductor	tpd differs	CD74HCT74MTE4		S	SOIC	14
MC74HCT74ADR2G	On Semiconductor	Pb-Free	CD74HCT74M96		S	SOIC	14
MC74HCT74ADT	On Semiconductor		SN74HCT74PW		S	TSSOP	14
MC74HCT74ADTG	On Semiconductor	Pb-Free	SN74HCT74PW		S	TSSOP	14
MC74HCT74AN	On Semiconductor		CD74HCT74E		S	PDIP	14
MC74HCT74ANG	On Semiconductor	Pb-Free	CD74HCT74E		S	PDIP	14
MC74HCU04AD	On Semiconductor		CD74HCU04M		S	SOIC	14
MC74HCU04AD	On Semiconductor		SN74HCU04D		S	SOIC	14
MC74HCU04ADG	On Semiconductor	Pb-Free	CD74HCU04M		S	SOIC	14
MC74HCU04ADR2	On Semiconductor		CD74HCU04M96		S	SOIC	14
MC74HCU04ADR2G	On Semiconductor	Pb-Free	CD74HCU04M96		S	SOIC	14
MC74HCU04ADT	On Semiconductor		SN74HCU04PW		S	TSSOP	14
MC74HCU04ADTEL	On Semiconductor		CD74HCU04PWR		S	TSSOP	14
MC74HCU04ADTELG	On Semiconductor	Pb-Free	CD74HCU04PWR		S	TSSOP	14
MC74HCU04ADTG	On Semiconductor	Pb-Free	SN74HCU04PW		S	TSSOP	14
MC74HCU04ADTR2	On Semiconductor		CD74HCU04PWR		S	TSSOP	14
MC74HCU04ADTR2G	On Semiconductor	Pb-Free	CD74HCU04PWR		S	TSSOP	14
MC74HCU04AF	On Semiconductor		SN74HCU04NSR		S	SOEIAJ	14
MC74HCU04AFEL	On Semiconductor		SN74HCU04NSR		S	SOP-EIAJ-II	14
MC74HCU04AFELG	On Semiconductor	Pb-Free	SN74HCU04NSR		S	SOP-EIAJ-II	14
MC74HCU04AFG	On Semiconductor		SN74HCU04NSR		S	SOEIAJ	14
MC74HCU04AN	On Semiconductor		CD74HCU04E		S	PDIP	14
MC74HCU04ANG	On Semiconductor	Pb-Free	CD74HCU04E		S	PDIP	14
MC74LCX00D	On Semiconductor		SN74LVC00AD		S	SOIC	14
MC74LCX00DG	On Semiconductor	Pb-Free	SN74LVC00AD		S	SOIC	14
MC74LCX00DR2	On Semiconductor		SN74LVC00ADR		S	SOIC	14
MC74LCX00DR2G	On Semiconductor	Pb-Free	SN74LVC00ADR		S	SOIC	14
MC74LCX00DT	On Semiconductor		SN74LVC00APW		S	TSSOP	14
MC74LCX00DTEL	On Semiconductor		SN74LVC00APWR		S	TSSOP	14
MC74LCX00DTELG	On Semiconductor	Pb-Free	SN74LVC00APWR		S	TSSOP	14
MC74LCX00DTG	On Semiconductor	Pb-Free	SN74LVC00APW		S	TSSOP	14
MC74LCX00DTR2	On Semiconductor		SN74LVC00APWR		S	TSSOP	14
MC74LCX00DTR2G	On Semiconductor	Pb-Free	SN74LVC00APWR		S	TSSOP	14
MC74LCX00M	On Semiconductor		SN74LVC00ANSR		S	SOP-EIAJ-II	14
MC74LCX00MEL	On Semiconductor		SN74LVC00ANSR		S	SOP-EIAJ-II	14
MC74LCX00MELG	On Semiconductor	Pb-Free	SN74LVC00ANSR		S	SOP-EIAJ-II	14
MC74LCX00MG	On Semiconductor	Pb-Free	SN74LVC00ANSR		S	SOP-EIAJ-II	14
MC74LCX02D	On Semiconductor		SN74LVC02AD		S	SOIC	14
MC74LCX02DG	On Semiconductor	Pb-Free	SN74LVC02AD		S	SOIC	14
MC74LCX02DR2	On Semiconductor		SN74LVC02ADR		S	SOIC	14
MC74LCX02DR2G	On Semiconductor	Pb-Free	SN74LVC02ADR		S	SOIC	14
MC74LCX02DT	On Semiconductor		SN74LVC02APW		S	TSSOP	14
MC74LCX02DTEL	On Semiconductor		SN74LVC02APWR		S	TSSOP	14
MC74LCX02DTELG	On Semiconductor	Pb-Free	SN74LVC02APWR		S	TSSOP	14
MC74LCX02DTG	On Semiconductor	Pb-Free	SN74LVC02APW		S	TSSOP	14
MC74LCX02DTR2	On Semiconductor		SN74LVC02APWR		S	TSSOP	14

**Replacement Codes**

S - The TI device is a Direct Replacement  
 Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent









Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74LCX373DW	On Semiconductor		SN74LVC373ADW		S	SOIC	20
MC74LCX373DWG	On Semiconductor	Pb-Free	SN74LVC373ADW		S	SOIC	20
MC74LCX373DWR2	On Semiconductor		SN74LVC373ADWR		S	SOIC	20
MC74LCX373DWR2G	On Semiconductor	Pb-Free	SN74LVC373ADWR		S	SOIC	20
MC74LCX373M	On Semiconductor		SN74LVC373ANSR		S	SOEIAJ	20
MC74LCX373MEL	On Semiconductor		SN74LVC373ANSR		S	SOP-EIAJ-II	20
MC74LCX373MELG	On Semiconductor	Pb-Free	SN74LVC373ANSR		S	SOP-EIAJ-II	20
MC74LCX373MG	On Semiconductor		SN74LVC373ANSR		S	SOEIAJ	20
MC74LCX374DT	On Semiconductor		SN74LVC374APW		S	TSSOP	20
MC74LCX374DTG	On Semiconductor	Pb-Free	SN74LVC374APW		S	TSSOP	20
MC74LCX374DTR2	On Semiconductor		SN74LVC374APWR		S	TSSOP	20
MC74LCX374DTR2G	On Semiconductor	Pb-Free	SN74LVC374APWR		S	TSSOP	20
MC74LCX374DW	On Semiconductor		SN74LVC374ADW		S	SOIC	20
MC74LCX374DWG	On Semiconductor	Pb-Free	SN74LVC374ADW		S	SOIC	20
MC74LCX374DWR2	On Semiconductor		SN74LVC374ADWR		S	SOIC	20
MC74LCX374DWR2G	On Semiconductor	Pb-Free	SN74LVC374ADWR		S	SOIC	20
MC74LCX374M	On Semiconductor		SN74LVC374ANSR		S	SOP-EIAJ-II	20
MC74LCX374MEL	On Semiconductor		SN74LVC374ANSR		S	SOP-EIAJ-II	20
MC74LCX374MELG	On Semiconductor	Pb-Free	SN74LVC374ANSR		S	SOP-EIAJ-II	20
MC74LCX374MG	On Semiconductor	Pb-Free	SN74LVC374ANSR		S	SOP-EIAJ-II	20
MC74LCX540DT	On Semiconductor		SN74LVC540APW		S	TSSOP	20
MC74LCX540DTG	On Semiconductor	Pb-Free	SN74LVC540APW		S	TSSOP	20
MC74LCX540DTR2	On Semiconductor		SN74LVC540APWR		S	TSSOP	20
MC74LCX540DTR2G	On Semiconductor	Pb-Free	SN74LVC540APWR		S	TSSOP	20
MC74LCX540DW	On Semiconductor		SN74LVC540ADW		S	SOIC	20
MC74LCX540DWG	On Semiconductor	Pb-Free	SN74LVC540ADW		S	SOIC	20
MC74LCX540DWR2	On Semiconductor		SN74LVC540ADWR		S	SOIC	20
MC74LCX540DWR2G	On Semiconductor	Pb-Free	SN74LVC540ADWR		S	SOIC	20
MC74LCX540M	On Semiconductor		SN74LVC540ANSR		S	SOP-EIAJ-II	20
MC74LCX540MEL	On Semiconductor		SN74LVC540ANSR		S	SOP-EIAJ-II	20
MC74LCX540MELG	On Semiconductor	Pb-Free	SN74LVC540ANSR		S	SOP-EIAJ-II	20
MC74LCX540MG	On Semiconductor	Pb-Free	SN74LVC540ANSR		S	SOP-EIAJ-II	20
MC74LCX541DT	On Semiconductor		SN74LVC541APW		S	TSSOP	20
MC74LCX541DTEL	On Semiconductor		SN74LVC541APWR		S	TSSOP	20
MC74LCX541DTELG	On Semiconductor	Pb-Free	SN74LVC541APWR		S	TSSOP	20
MC74LCX541DTG	On Semiconductor	Pb-Free	SN74LVC541APW		S	TSSOP	20
MC74LCX541DTR2	On Semiconductor		SN74LVC541APWR		S	TSSOP	20
MC74LCX541DTR2G	On Semiconductor	Pb-Free	SN74LVC541APWR		S	TSSOP	20
MC74LCX541DW	On Semiconductor		SN74LVC541ADW		S	SOIC	20
MC74LCX541DWG	On Semiconductor	Pb-Free	SN74LVC541ADW		S	SOIC	20
MC74LCX541DWR2	On Semiconductor		SN74LVC541ADWR		S	SOIC	20
MC74LCX541DWR2G	On Semiconductor	Pb-Free	SN74LVC541ADWR		S	SOIC	20
MC74LCX541M	On Semiconductor		SN74LVC541ANSR		S	SOP-EIAJ-II	20
MC74LCX541MEL	On Semiconductor		SN74LVC541ANSR		S	SOP-EIAJ-II	20
MC74LCX541MELG	On Semiconductor	Pb-Free	SN74LVC541ANSR		S	SOP-EIAJ-II	20
MC74LCX541MG	On Semiconductor	Pb-Free	SN74LVC541ANSR		S	SOP-EIAJ-II	20
MC74LCX573DT	On Semiconductor		SN74LVC573APW		S	TSSOP	20
MC74LCX573DTG	On Semiconductor	Pb-Free	SN74LVC573APW		S	TSSOP	20
MC74LCX573DTR2	On Semiconductor		SN74LVC573APWR		S	TSSOP	20
MC74LCX573DTR2G	On Semiconductor	Pb-Free	SN74LVC573APWR		S	TSSOP	20
MC74LCX573DW	On Semiconductor		SN74LVC573ADW		S	SOIC	20
MC74LCX573DW	On Semiconductor		SN74LVC573ADWR		S	SOIC	20
MC74LCX573DWG	On Semiconductor	Pb-Free	SN74LVC573ADW		S	SOIC	20
MC74LCX573DWR2	On Semiconductor		SN74LVC573ADW		S	SOIC	20
MC74LCX573DWR2	On Semiconductor		SN74LVC573ADWR		S	SOIC	20
MC74LCX573DWR2G	On Semiconductor	Pb-Free	SN74LVC573ADWR		S	SOIC	20
MC74LCX573M	On Semiconductor		SN74LVC573ANSR		S	SOEIAJ	20
MC74LCX573MEL	On Semiconductor		SN74LVC573ANSR		S	SOP-EIAJ-II	20
MC74LCX573MELG	On Semiconductor	Pb-Free	SN74LVC573ANSR		S	SOP-EIAJ-II	20
MC74LCX573MG	On Semiconductor		SN74LVC573ANSR		S	SOEIAJ	20
MC74LCX574DT	On Semiconductor		SN74LVC574APW		S	TSSOP	20
MC74LCX574DTEL	On Semiconductor		SN74LVC574APWR		S	TSSOP	20
MC74LCX574DTELG	On Semiconductor	Pb-Free	SN74LVC574APWR		S	TSSOP	20
MC74LCX574DTG	On Semiconductor	Pb-Free	SN74LVC574APW		S	TSSOP	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74LCX574DTR2	On Semiconductor		SN74LVC574APWR		S	TSSOP	20
MC74LCX574DTR2G	On Semiconductor	Pb-Free	SN74LVC574APWR		S	TSSOP	20
MC74LCX574DW	On Semiconductor		SN74LVC574ADW		S	SOIC	20
MC74LCX574DWG	On Semiconductor	Pb-Free	SN74LVC574ADW		S	SOIC	20
MC74LCX574DWR2	On Semiconductor		SN74LVC574ADWR		S	SOIC	20
MC74LCX574DWR2G	On Semiconductor	Pb-Free	SN74LVC574ADWR		S	SOIC	20
MC74LCX574M	On Semiconductor		SN74LVC574ANSR		S	SOP-EIAJ-II	20
MC74LCX574MEL	On Semiconductor		SN74LVC574ANSR		S	SOP-EIAJ-II	20
MC74LCX574MELG	On Semiconductor	Pb-Free	SN74LVC574ANSR		S	SOP-EIAJ-II	20
MC74LCX574MG	On Semiconductor	Pb-Free	SN74LVC574ANSR		S	SOP-EIAJ-II	20
MC74LCX646DT	On Semiconductor		SN74LVC646APW		S	TSSOP	24
MC74LCX646DTG	On Semiconductor	Pb-Free	SN74LVC646APW		S	TSSOP	24
MC74LCX646DTR2	On Semiconductor		SN74LVC646APWR		S	TSSOP	24
MC74LCX646DTR2G	On Semiconductor	Pb-Free	SN74LVC646APWR		S	TSSOP	24
MC74LCX646DW	On Semiconductor		SN74LVC646ADW		S	SOIC	24
MC74LCX646DWG	On Semiconductor	Pb-Free	SN74LVC646ADW		S	SOIC	24
MC74LCX646DWR2	On Semiconductor		SN74LVC646ADWR		S	SOIC	24
MC74LCX646DWR2G	On Semiconductor	Pb-Free	SN74LVC646ADWR		S	SOIC	24
MC74LCX652DT	On Semiconductor		SN74LVC652APW		S	TSSOP	24
MC74LCX652DTG	On Semiconductor	Pb-Free	SN74LVC652APW		S	TSSOP	24
MC74LCX652DTR2	On Semiconductor		SN74LVC652APWR		S	TSSOP	24
MC74LCX652DTR2G	On Semiconductor	Pb-Free	SN74LVC652APWR		S	TSSOP	24
MC74LCX652DW	On Semiconductor		SN74LVC652ADW		S	SOIC	24
MC74LCX652DWG	On Semiconductor	Pb-Free	SN74LVC652ADW		S	SOIC	24
MC74LCX652DWR2	On Semiconductor		SN74LVC652ADWR		S	SOIC	24
MC74LCX652DWR2G	On Semiconductor	Pb-Free	SN74LVC652ADWR		S	SOIC	24
MC74LCX74D	On Semiconductor		SN74LVC74AD		S	SOIC	14
MC74LCX74DG	On Semiconductor	Pb-Free	SN74LVC74AD		S	SOIC	14
MC74LCX74DR2	On Semiconductor		SN74LVC74ADR		S	SOIC	14
MC74LCX74DR2G	On Semiconductor	Pb-Free	SN74LVC74ADR		S	SOIC	14
MC74LCX74DT	On Semiconductor		SN74LVC74APW		S	TSSOP	14
MC74LCX74DTG	On Semiconductor	Pb-Free	SN74LVC74APW		S	TSSOP	14
MC74LCX74DTR2	On Semiconductor		SN74LVC74APWR		S	TSSOP	14
MC74LCX74DTR2G	On Semiconductor	Pb-Free	SN74LVC74APWR		S	TSSOP	14
MC74LCX74M	On Semiconductor	tpd, Vs differ	SN74LVC74ANSR		S	SOEIAJ	14
MC74LCX74MEL	On Semiconductor		SN74LVC74ANSR		S	SOP-EIAJ-II	14
MC74LCX74MELG	On Semiconductor	Pb-Free	SN74LVC74ANSR		S	SOP-EIAJ-II	14
MC74LCX74MG	On Semiconductor	Pb-Free	SN74LVC74ANSR		S	SOP-EIAJ-II	14
MC74LCX86D	On Semiconductor		SN74LVC86AD		S	SOIC	14
MC74LCX86DG	On Semiconductor	Pb-Free	SN74LVC86AD		S	SOIC	14
MC74LCX86DR2	On Semiconductor		SN74LVC86ADR		S	SOIC	14
MC74LCX86DR2G	On Semiconductor	Pb-Free	SN74LVC86ADR		S	SOIC	14
MC74LCX86DT	On Semiconductor		SN74LVC86APW		S	TSSOP	14
MC74LCX86DTG	On Semiconductor	Pb-Free	SN74LVC86APW		S	TSSOP	14
MC74LCX86DTR2	On Semiconductor		SN74LVC86APWR		S	TSSOP	14
MC74LCX86DTR2G	On Semiconductor	Pb-Free	SN74LVC86APWR		S	TSSOP	14
MC74LCXU04D	On Semiconductor		SN74LVCU04AD		S	SOIC	14
MC74LCXU04DG	On Semiconductor	Pb-Free	SN74LVCU04AD		S	SOIC	14
MC74LCXU04DR2	On Semiconductor		SN74LVCU04ADR		S	SOIC	14
MC74LCXU04DR2G	On Semiconductor	Pb-Free	SN74LVCU04ADR		S	SOIC	14
MC74LCXU04DT	On Semiconductor		SN74LVCU04APW		S	TSSOP	14
MC74LCXU04DTG	On Semiconductor	Pb-Free	SN74LVCU04APW		S	TSSOP	14
MC74LCXU04DTR2	On Semiconductor		SN74LVCU04APWR		S	TSSOP	14
MC74LCXU04DTR2G	On Semiconductor	Pb-Free	SN74LVCU04APWR		S	TSSOP	14
MC74LVX00D	On Semiconductor		SN74LV00AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14
MC74LVX00DG	On Semiconductor	Pb-Free	SN74LV00AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14
MC74LVX00DR2	On Semiconductor		SN74LV00ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14
MC74LVX00DR2G	On Semiconductor	Pb-Free	SN74LV00ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14
MC74LVX00DT	On Semiconductor		SN74LV00APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
MC74LVX00DTG	On Semiconductor	Pb-Free	SN74LV00APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
MC74LVX00DTR2	On Semiconductor		SN74LV00APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
MC74LVX00DTR2G	On Semiconductor	Pb-Free	SN74LV00APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14
MC74LVX02D	On Semiconductor		SN74LV02AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14
MC74LVX02DG	On Semiconductor	Pb-Free	SN74LV02AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments			Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments				
MC74LVX14DTR2	On Semiconductor		SN74LV14APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14	
MC74LVX14DTR2G	On Semiconductor	Pb-Free	SN74LV14APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14	
MC74LVX157D	On Semiconductor		SN74LV157AD	TI tpd generally slightly slower, higher I/O	S	SOIC	16	
MC74LVX157DG	On Semiconductor	Pb-Free	SN74LV157AD	TI tpd generally slightly slower, higher I/O	S	SOIC	16	
MC74LVX157DR2	On Semiconductor		SN74LV157ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	16	
MC74LVX157DR2G	On Semiconductor	Pb-Free	SN74LV157ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	16	
MC74LVX157DT	On Semiconductor		SN74LV157APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	16	
MC74LVX157DTG	On Semiconductor	Pb-Free	SN74LV157APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	16	
MC74LVX157DTR2	On Semiconductor		SN74LV157APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	16	
MC74LVX157DTR2G	On Semiconductor	Pb-Free	SN74LV157APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	16	
MC74LVX240DT	On Semiconductor		SN74LV240APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	20	
MC74LVX240DTG	On Semiconductor	Pb-Free	SN74LV240APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	20	
MC74LVX240DTR2	On Semiconductor		SN74LV240APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	20	
MC74LVX240DTR2G	On Semiconductor	Pb-Free	SN74LV240APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	20	
MC74LVX240DW	On Semiconductor		SN74LV240ADW	TI tpd generally slightly slower, higher I/O	S	SOIC	20	
MC74LVX240DWG	On Semiconductor	Pb-Free	SN74LV240ADW	TI tpd generally slightly slower, higher I/O	S	SOIC	20	
MC74LVX240DWR2	On Semiconductor		SN74LV240ADWR	TI tpd generally slightly slower, higher I/O	S	SOIC	20	
MC74LVX240DWR2G	On Semiconductor	Pb-Free	SN74LV240ADWR	TI tpd generally slightly slower, higher I/O	S	SOIC	20	
MC74LVX244DT	On Semiconductor		SN74LV244APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	20	
MC74LVX244DTG	On Semiconductor	Pb-Free	SN74LV244APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	20	
MC74LVX244DTR2	On Semiconductor		SN74LV244APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	20	
MC74LVX244DTR2G	On Semiconductor	Pb-Free	SN74LV244APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	20	
MC74LVX244DW	On Semiconductor		SN74LV244ADW	TI tpd generally slightly slower, higher I/O	S	SOIC	20	
MC74LVX244DWG	On Semiconductor	Pb-Free	SN74LV244ADW	TI tpd generally slightly slower, higher I/O	S	SOIC	20	
MC74LVX244DWR2	On Semiconductor		SN74LV244ADWR	TI tpd generally slightly slower, higher I/O	S	SOIC	20	
MC74LVX244DWR2G	On Semiconductor	Pb-Free	SN74LV244ADWR	TI tpd generally slightly slower, higher I/O	S	SOIC	20	
MC74LVX245DT	On Semiconductor		SN74LV245APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	20	
MC74LVX245DTG	On Semiconductor	Pb-Free	SN74LV245APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	20	
MC74LVX245DTR2	On Semiconductor		SN74LV245APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	20	
MC74LVX245DTR2G	On Semiconductor	Pb-Free	SN74LV245APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	20	
MC74LVX245DW	On Semiconductor		SN74LV245ADW	TI tpd generally slightly slower, higher I/O	S	SOIC	20	
MC74LVX245DWG	On Semiconductor	Pb-Free	SN74LV245ADW	TI tpd generally slightly slower, higher I/O	S	SOIC	20	
MC74LVX245DWR2	On Semiconductor		SN74LV245ADWR	TI tpd generally slightly slower, higher I/O	S	SOIC	20	
MC74LVX245DWR2G	On Semiconductor	Pb-Free	SN74LV245ADWR	TI tpd generally slightly slower, higher I/O	S	SOIC	20	
MC74LVX32D	On Semiconductor		SN74LV32AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14	
MC74LVX32DG	On Semiconductor	Pb-Free	SN74LV32AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14	
MC74LVX32DR2	On Semiconductor		SN74LV32ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14	
MC74LVX32DR2G	On Semiconductor	Pb-Free	SN74LV32ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14	
MC74LVX32DT	On Semiconductor		SN74LV32APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	14	
MC74LVX32DTG	On Semiconductor	Pb-Free	SN74LV32APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	14	
MC74LVX32DTR2	On Semiconductor		SN74LV32APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14	
MC74LVX32DTR2G	On Semiconductor	Pb-Free	SN74LV32APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	14	
MC74LVX373DT	On Semiconductor		SN74LV373APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	20	
MC74LVX373DTG	On Semiconductor	Pb-Free	SN74LV373APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	20	
MC74LVX373DTR2	On Semiconductor		SN74LV373APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	20	
MC74LVX373DTR2G	On Semiconductor	Pb-Free	SN74LV373APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	20	
MC74LVX373DW	On Semiconductor		SN74LV373ADW	TI tpd generally slightly slower, higher I/O	S	SOIC	20	
MC74LVX373DWG	On Semiconductor	Pb-Free	SN74LV373ADW	TI tpd generally slightly slower, higher I/O	S	SOIC	20	
MC74LVX373DWR2	On Semiconductor		SN74LV373ADWR	TI tpd generally slightly slower, higher I/O	S	SOIC	20	
MC74LVX373DWR2G	On Semiconductor	Pb-Free	SN74LV373ADWR	TI tpd generally slightly slower, higher I/O	S	SOIC	20	
MC74LVX373M	On Semiconductor		SN74LV373ADW		S	SOEIAJ	20	
MC74LVX373M	On Semiconductor		SN74LV373ANSR		S	SOEIAJ	20	
MC74LVX374DT	On Semiconductor		SN74LV374APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	20	
MC74LVX374DTG	On Semiconductor	Pb-Free	SN74LV374APW	TI tpd generally slightly slower, higher I/O	S	TSSOP	20	
MC74LVX374DTR2	On Semiconductor		SN74LV374APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	20	
MC74LVX374DTR2G	On Semiconductor	Pb-Free	SN74LV374APWR	TI tpd generally slightly slower, higher I/O	S	TSSOP	20	
MC74LVX374DW	On Semiconductor		SN74LV374ADW	TI tpd generally slightly slower, higher I/O	S	SOIC	20	
MC74LVX374DWG	On Semiconductor	Pb-Free	SN74LV374ADW	TI tpd generally slightly slower, higher I/O	S	SOIC	20	
MC74LVX374DWR2	On Semiconductor		SN74LV374ADWR	TI tpd generally slightly slower, higher I/O	S	SOIC	20	
MC74LVX374DWR2G	On Semiconductor	Pb-Free	SN74LV374ADWR	TI tpd generally slightly slower, higher I/O	S	SOIC	20	
MC74LVX393D	On Semiconductor		SN74LV393AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14	
MC74LVX393DG	On Semiconductor	Pb-Free	SN74LV393AD	TI tpd generally slightly slower, higher I/O	S	SOIC	14	
MC74LVX393DR2	On Semiconductor		SN74LV393ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14	
MC74LVX393DR2G	On Semiconductor	Pb-Free	SN74LV393ADR	TI tpd generally slightly slower, higher I/O	S	SOIC	14	

MC74LVX14DTR2 — MC74LVX393DR2G

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74LVX4051D	On Semiconductor		SN74LV4051AD	Tl tpd generally slightly slower, higher I/O	S	SOIC	16
MC74LVX4051DG	On Semiconductor	Pb-Free	SN74LV4051AD	Tl tpd generally slightly slower, higher I/O	S	SOIC	16
MC74LVX4051DR2	On Semiconductor		SN74LV4051ADR	Tl tpd generally slightly slower, higher I/O	S	SOIC	16
MC74LVX4051DR2G	On Semiconductor	Pb-Free	SN74LV4051ADR	Tl tpd generally slightly slower, higher I/O	S	SOIC	16
MC74LVX4051DT	On Semiconductor		SN74LV4051APW	Tl tpd generally slightly slower, higher I/O	S	TSSOP	16
MC74LVX4051DTG	On Semiconductor	Pb-Free	SN74LV4051APW	Tl tpd generally slightly slower, higher I/O	S	TSSOP	16
MC74LVX4051DTR2	On Semiconductor		SN74LV4051APWR	Tl tpd generally slightly slower, higher I/O	S	TSSOP	16
MC74LVX4051DTR2G	On Semiconductor	Pb-Free	SN74LV4051APWR	Tl tpd generally slightly slower, higher I/O	S	TSSOP	16
MC74LVX4052D	On Semiconductor		SN74LV4052AD	Tl tpd generally slightly slower, higher I/O	S	SOIC	16
MC74LVX4052DG	On Semiconductor	Pb-Free	SN74LV4052AD	Tl tpd generally slightly slower, higher I/O	S	SOIC	16
MC74LVX4052DR2	On Semiconductor		SN74LV4052ADR	Tl tpd generally slightly slower, higher I/O	S	SOIC	16
MC74LVX4052DR2G	On Semiconductor	Pb-Free	SN74LV4052ADR	Tl tpd generally slightly slower, higher I/O	S	SOIC	16
MC74LVX4052DT	On Semiconductor		SN74LV4052APW	Tl tpd generally slightly slower, higher I/O	S	TSSOP	16
MC74LVX4052DTG	On Semiconductor	Pb-Free	SN74LV4052APW	Tl tpd generally slightly slower, higher I/O	S	TSSOP	16
MC74LVX4052DTR2	On Semiconductor		SN74LV4052APWR	Tl tpd generally slightly slower, higher I/O	S	TSSOP	16
MC74LVX4052DTR2G	On Semiconductor	Pb-Free	SN74LV4052APWR	Tl tpd generally slightly slower, higher I/O	S	TSSOP	16
MC74LVX4053D	On Semiconductor		SN74LV4053AD	Tl tpd generally slightly slower, higher I/O	S	SOIC	16
MC74LVX4053DG	On Semiconductor	Pb-Free	SN74LV4053AD	Tl tpd generally slightly slower, higher I/O	S	SOIC	16
MC74LVX4053DR2	On Semiconductor		SN74LV4053ADR	Tl tpd generally slightly slower, higher I/O	S	SOIC	16
MC74LVX4053DR2G	On Semiconductor	Pb-Free	SN74LV4053ADR	Tl tpd generally slightly slower, higher I/O	S	SOIC	16
MC74LVX4053DT	On Semiconductor		SN74LV4053APW	Tl tpd generally slightly slower, higher I/O	S	TSSOP	16
MC74LVX4053DTG	On Semiconductor	Pb-Free	SN74LV4053APW	Tl tpd generally slightly slower, higher I/O	S	TSSOP	16
MC74LVX4053DTR2	On Semiconductor		SN74LV4053APWR	Tl tpd generally slightly slower, higher I/O	S	TSSOP	16
MC74LVX4053DTR2G	On Semiconductor	Pb-Free	SN74LV4053APWR	Tl tpd generally slightly slower, higher I/O	S	TSSOP	16
MC74LVX4066D	On Semiconductor		SN74LV4066AD	Tl tpd generally slightly slower, higher I/O	S	SOIC	14
MC74LVX4066DG	On Semiconductor	Pb-Free	SN74LV4066AD	Tl tpd generally slightly slower, higher I/O	S	SOIC	14
MC74LVX4066DR2	On Semiconductor		SN74LV4066ADR	Tl tpd generally slightly slower, higher I/O	S	SOIC	14
MC74LVX4066DR2G	On Semiconductor	Pb-Free	SN74LV4066ADR	Tl tpd generally slightly slower, higher I/O	S	SOIC	14
MC74LVX4066DT	On Semiconductor		SN74LV4066APW	Tl tpd generally slightly slower, higher I/O	S	TSSOP	14
MC74LVX4066DTG	On Semiconductor	Pb-Free	SN74LV4066APW	Tl tpd generally slightly slower, higher I/O	S	TSSOP	14
MC74LVX4066DTR2	On Semiconductor		SN74LV4066APWR	Tl tpd generally slightly slower, higher I/O	S	TSSOP	14
MC74LVX4066DTR2G	On Semiconductor	Pb-Free	SN74LV4066APWR	Tl tpd generally slightly slower, higher I/O	S	TSSOP	14
MC74LVX4245DT	On Semiconductor		SN74LVC4245APW	Higher performance that LVX	Q	TSSOP	24
MC74LVX4245DTG	On Semiconductor	Pb-Free	SN74LVC4245APW	Higher performance that LVX	Q	TSSOP	24
MC74LVX4245DTR2	On Semiconductor		SN74LVC4245APWR	Higher performance that LVX	Q	TSSOP	24
MC74LVX4245DTR2G	On Semiconductor	Pb-Free	SN74LVC4245APWR	Higher performance that LVX	Q	TSSOP	24
MC74LVX4245DW	On Semiconductor		SN74LVC4245ADW	Higher performance that LVX	Q	SOIC	24
MC74LVX4245DWG	On Semiconductor	Pb-Free	SN74LVC4245ADW	Higher performance that LVX	Q	SOIC	24
MC74LVX4245DWR2	On Semiconductor		SN74LVC4245ADWR	Higher performance that LVX	Q	SOIC	24
MC74LVX4245DWR2G	On Semiconductor	Pb-Free	SN74LVC4245ADWR	Higher performance that LVX	Q	SOIC	24
MC74LVX540DT	On Semiconductor		SN74LV540APW	Tl tpd generally slightly slower, higher I/O	S	TSSOP	20
MC74LVX540DTG	On Semiconductor	Pb-Free	SN74LV540APW	Tl tpd generally slightly slower, higher I/O	S	TSSOP	20
MC74LVX540DTR2	On Semiconductor		SN74LV540APWR	Tl tpd generally slightly slower, higher I/O	S	TSSOP	20
MC74LVX540DTR2G	On Semiconductor	Pb-Free	SN74LV540APWR	Tl tpd generally slightly slower, higher I/O	S	TSSOP	20
MC74LVX540DW	On Semiconductor		SN74LV540ADW	Tl tpd generally slightly slower, higher I/O	S	SOIC	20
MC74LVX540DWG	On Semiconductor	Pb-Free	SN74LV540ADW	Tl tpd generally slightly slower, higher I/O	S	SOIC	20
MC74LVX540DWR2	On Semiconductor		SN74LV540ADWR	Tl tpd generally slightly slower, higher I/O	S	SOIC	20
MC74LVX540DWR2G	On Semiconductor	Pb-Free	SN74LV540ADWR	Tl tpd generally slightly slower, higher I/O	S	SOIC	20
MC74LVX541DT	On Semiconductor		SN74LV541APW	Tl tpd generally slightly slower, higher I/O	S	TSSOP	20
MC74LVX541DTG	On Semiconductor	Pb-Free	SN74LV541APW	Tl tpd generally slightly slower, higher I/O	S	TSSOP	20
MC74LVX541DTR2	On Semiconductor		SN74LV541APWR	Tl tpd generally slightly slower, higher I/O	S	TSSOP	20
MC74LVX541DTR2G	On Semiconductor	Pb-Free	SN74LV541APWR	Tl tpd generally slightly slower, higher I/O	S	TSSOP	20
MC74LVX541DW	On Semiconductor		SN74LV541ADW	Tl tpd generally slightly slower, higher I/O	S	SOIC	20
MC74LVX541DWG	On Semiconductor	Pb-Free	SN74LV541ADW	Tl tpd generally slightly slower, higher I/O	S	SOIC	20
MC74LVX541DWR2	On Semiconductor		SN74LV541ADWR	Tl tpd generally slightly slower, higher I/O	S	SOIC	20
MC74LVX541DWR2G	On Semiconductor	Pb-Free	SN74LV541ADWR	Tl tpd generally slightly slower, higher I/O	S	SOIC	20
MC74LVX573DT	On Semiconductor		SN74LV573APW	Tl tpd generally slightly slower, higher I/O	S	TSSOP	20
MC74LVX573DTG	On Semiconductor	Pb-Free	SN74LV573APW	Tl tpd generally slightly slower, higher I/O	S	TSSOP	20
MC74LVX573DTR2	On Semiconductor		SN74LV573APWR	Tl tpd generally slightly slower, higher I/O	S	TSSOP	20
MC74LVX573DTR2G	On Semiconductor	Pb-Free	SN74LV573APWR	Tl tpd generally slightly slower, higher I/O	S	TSSOP	20
MC74LVX573DW	On Semiconductor		SN74LV573ADW	Tl tpd generally slightly slower, higher I/O	S	SOIC	20
MC74LVX573DWG	On Semiconductor	Pb-Free	SN74LV573ADW	Tl tpd generally slightly slower, higher I/O	S	SOIC	20
MC74LVX573DWR2	On Semiconductor		SN74LV573ADWR	Tl tpd generally slightly slower, higher I/O	S	SOIC	20
MC74LVX573DWR2G	On Semiconductor	Pb-Free	SN74LV573ADWR	Tl tpd generally slightly slower, higher I/O	S	SOIC	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments			Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments				
MC74LVX574DT	On Semiconductor		SN74LV574APW	Ti tpd generally slightly slower, higher I/O	S	TSSOP	20	
MC74LVX574DTG	On Semiconductor	Pb-Free	SN74LV574APW	Ti tpd generally slightly slower, higher I/O	S	TSSOP	20	
MC74LVX574DTR2	On Semiconductor		SN74LV574APWR	Ti tpd generally slightly slower, higher I/O	S	TSSOP	20	
MC74LVX574DTR2G	On Semiconductor	Pb-Free	SN74LV574APWR	Ti tpd generally slightly slower, higher I/O	S	TSSOP	20	
MC74LVX574DW	On Semiconductor		SN74LV574ADW	Ti tpd generally slightly slower, higher I/O	S	SOIC	20	
MC74LVX574DWG	On Semiconductor	Pb-Free	SN74LV574ADW	Ti tpd generally slightly slower, higher I/O	S	SOIC	20	
MC74LVX574DWR2	On Semiconductor		SN74LV574ADWR	Ti tpd generally slightly slower, higher I/O	S	SOIC	20	
MC74LVX574DWR2G	On Semiconductor	Pb-Free	SN74LV574ADWR	Ti tpd generally slightly slower, higher I/O	S	SOIC	20	
MC74LVX595D	On Semiconductor		SN74LV595AD	Ti tpd generally slightly slower, higher I/O	S	SOIC	16	
MC74LVX595DG	On Semiconductor	Pb-Free	SN74LV595AD	Ti tpd generally slightly slower, higher I/O	S	SOIC	16	
MC74LVX595DR2	On Semiconductor		SN74LV595ADR	Ti tpd generally slightly slower, higher I/O	S	SOIC	16	
MC74LVX595DR2G	On Semiconductor	Pb-Free	SN74LV595ADR	Ti tpd generally slightly slower, higher I/O	S	SOIC	16	
MC74LVX74D	On Semiconductor		SN74LV74AD	Ti tpd generally slightly slower, higher I/O	S	SOIC	14	
MC74LVX74DG	On Semiconductor	Pb-Free	SN74LV74AD	Ti tpd generally slightly slower, higher I/O	S	SOIC	14	
MC74LVX74DR2	On Semiconductor		SN74LV74ADR	Ti tpd generally slightly slower, higher I/O	S	SOIC	14	
MC74LVX74DR2G	On Semiconductor	Pb-Free	SN74LV74ADR	Ti tpd generally slightly slower, higher I/O	S	SOIC	14	
MC74LVX74DT	On Semiconductor		SN74LV74APW	Ti tpd generally slightly slower, higher I/O	S	TSSOP	14	
MC74LVX74DTG	On Semiconductor	Pb-Free	SN74LV74APW	Ti tpd generally slightly slower, higher I/O	S	TSSOP	14	
MC74LVX74DTR2	On Semiconductor		SN74LV74APWR	Ti tpd generally slightly slower, higher I/O	S	TSSOP	14	
MC74LVX74DTR2G	On Semiconductor	Pb-Free	SN74LV74APWR	Ti tpd generally slightly slower, higher I/O	S	TSSOP	14	
MC74LVX86D	On Semiconductor		SN74LV86AD	Ti tpd generally slightly slower, higher I/O	S	SOIC	14	
MC74LVX86DG	On Semiconductor	Pb-Free	SN74LV86AD	Ti tpd generally slightly slower, higher I/O	S	SOIC	14	
MC74LVX86DR2	On Semiconductor		SN74LV86ADR	Ti tpd generally slightly slower, higher I/O	S	SOIC	14	
MC74LVX86DR2G	On Semiconductor	Pb-Free	SN74LV86ADR	Ti tpd generally slightly slower, higher I/O	S	SOIC	14	
MC74LVX86DT	On Semiconductor		SN74LV86APW	Ti tpd generally slightly slower, higher I/O	S	TSSOP	14	
MC74LVX86DTG	On Semiconductor	Pb-Free	SN74LV86APW	Ti tpd generally slightly slower, higher I/O	S	TSSOP	14	
MC74LVX86DTR2	On Semiconductor		SN74LV86APWR	Ti tpd generally slightly slower, higher I/O	S	TSSOP	14	
MC74LVX86DTR2G	On Semiconductor	Pb-Free	SN74LV86APWR	Ti tpd generally slightly slower, higher I/O	S	TSSOP	14	
MC74LVXC3245DT	On Semiconductor		SN74LVCC3245APW	Higher performance than LVXC	Q	TSSOP	20	
MC74LVXC3245DTG	On Semiconductor	Pb-Free	SN74LVCC3245APW	Higher performance than LVXC	Q	TSSOP	20	
MC74LVXC3245DTR2	On Semiconductor		SN74LVCC3245APWR	Higher performance than LVXC	Q	TSSOP	20	
MC74LVXC3245DTR2G	On Semiconductor	Pb-Free	SN74LVCC3245APWR	Higher performance than LVXC	Q	TSSOP	20	
MC74LVXC3245DW	On Semiconductor	tpd differs	SN74LVCC3245ADW		S	SOIC	24	
MC74LVXC3245DWG	On Semiconductor	Pb-Free	SN74LVCC3245ADW	Higher performance than LVXC	Q	SOIC	20	
MC74LVXC3245DWR2	On Semiconductor		SN74LVCC3245ADWR	Higher performance than LVXC	Q	SOIC	20	
MC74LVXC3245DWR2G	On Semiconductor	Pb-Free	SN74LVCC3245ADWR	Higher performance than LVXC	Q	SOIC	20	
MC74LVXU04D	On Semiconductor		SN74LVU04AD		S	SOIC	14	
MC74LVXU04DR2	On Semiconductor		SN74LVU04ADR		S	SOIC	14	
MC74LVXU04DT	On Semiconductor		SN74LVU04APW		S	TSSOP	14	
MC74LVXU04DTR2	On Semiconductor		SN74LVU04APWR		S	TSSOP	14	
MC74VHC00D	On Semiconductor		SN74AHC00D		S	SOIC	14	
MC74VHC00DG	On Semiconductor	Pb-Free	SN74AHC00D		S	SOIC	14	
MC74VHC00DR2	On Semiconductor		SN74AHC00DR		S	SOIC	14	
MC74VHC00DR2G	On Semiconductor	Pb-Free	SN74AHC00DR		S	SOIC	14	
MC74VHC00DT	On Semiconductor		SN74AHC00PW		S	TSSOP	14	
MC74VHC00DTG	On Semiconductor	Pb-Free	SN74AHC00PW		S	TSSOP	14	
MC74VHC00DTR2	On Semiconductor		SN74AHC00PWR		S	TSSOP	14	
MC74VHC00DTR2G	On Semiconductor	Pb-Free	SN74AHC00PWR		S	TSSOP	14	
MC74VHC00M	On Semiconductor		SN74AHC00NSR		S	SOP-EIAJ-II	14	
MC74VHC00MEL	On Semiconductor		SN74AHC00NSR		S	SOP-EIAJ-II	14	
MC74VHC00MELG	On Semiconductor	Pb-Free	SN74AHC00NSR		S	SOP-EIAJ-II	14	
MC74VHC00MG	On Semiconductor	Pb-Free	SN74AHC00NSR		S	SOP-EIAJ-II	14	
MC74VHC02D	On Semiconductor		SN74AHC02D		S	SOIC	14	
MC74VHC02DG	On Semiconductor	Pb-Free	SN74AHC02D		S	SOIC	14	
MC74VHC02DR2	On Semiconductor		SN74AHC02DR		S	SOIC	14	
MC74VHC02DR2G	On Semiconductor	Pb-Free	SN74AHC02DR		S	SOIC	14	
MC74VHC02DT	On Semiconductor		SN74AHC02PW		S	TSSOP	14	
MC74VHC02DTG	On Semiconductor	Pb-Free	SN74AHC02PW		S	TSSOP	14	
MC74VHC02DTR2	On Semiconductor		SN74AHC02PWR		S	TSSOP	14	
MC74VHC02DTR2G	On Semiconductor	Pb-Free	SN74AHC02PWR		S	TSSOP	14	
MC74VHC02M	On Semiconductor		SN74AHC02NSR		S	SOP-EIAJ-II	14	
MC74VHC02MEL	On Semiconductor		SN74AHC02NSR		S	SOP-EIAJ-II	14	
MC74VHC02MELG	On Semiconductor	Pb-Free	SN74AHC02NSR		S	SOP-EIAJ-II	14	
MC74VHC02MG	On Semiconductor	Pb-Free	SN74AHC02NSR		S	SOP-EIAJ-II	14	

MC74LVX574DT — MC74VHC02MG

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74VHC04D	On Semiconductor		SN74AHC04D		S	SOIC	14
MC74VHC04DG	On Semiconductor	Pb-Free	SN74AHC04D		S	SOIC	14
MC74VHC04DR2	On Semiconductor		SN74AHC04DR		S	SOIC	14
MC74VHC04DR2G	On Semiconductor	Pb-Free	SN74AHC04DR		S	SOIC	14
MC74VHC04DT	On Semiconductor		SN74AHC04PW		S	TSSOP	14
MC74VHC04DTG	On Semiconductor	Pb-Free	SN74AHC04PW		S	TSSOP	14
MC74VHC04DTR2	On Semiconductor		SN74AHC04PWR		S	TSSOP	14
MC74VHC04DTR2G	On Semiconductor	Pb-Free	SN74AHC04PWR		S	TSSOP	14
MC74VHC04M	On Semiconductor		SN74AHC04NSR		S	SOEIAJ	14
MC74VHC04MEL	On Semiconductor		SN74AHC04NSR		S	SOP-EIAJ-II	14
MC74VHC04MELG	On Semiconductor	Pb-Free	SN74AHC04NSR		S	SOP-EIAJ-II	14
MC74VHC04MG	On Semiconductor		SN74AHC04NSR		S	SOEIAJ	14
MC74VHC08D	On Semiconductor		SN74AHC08D		S	SOIC	14
MC74VHC08DG	On Semiconductor	Pb-Free	SN74AHC08D		S	SOIC	14
MC74VHC08DR2	On Semiconductor		SN74AHC08DR		S	SOIC	14
MC74VHC08DR2G	On Semiconductor	Pb-Free	SN74AHC08DR		S	SOIC	14
MC74VHC08DT	On Semiconductor		SN74AHC08PW		S	TSSOP	14
MC74VHC08DTG	On Semiconductor	Pb-Free	SN74AHC08PW		S	TSSOP	14
MC74VHC08DTR2	On Semiconductor		SN74AHC08PWR		S	TSSOP	14
MC74VHC08DTR2G	On Semiconductor	Pb-Free	SN74AHC08PWR		S	TSSOP	14
MC74VHC08M	On Semiconductor		SN74AHC08NSR		S	SOP-EIAJ-II	14
MC74VHC08MEL	On Semiconductor		SN74AHC08NSR		S	SOP-EIAJ-II	14
MC74VHC08MELG	On Semiconductor	Pb-Free	SN74AHC08NSR		S	SOP-EIAJ-II	14
MC74VHC08MG	On Semiconductor	Pb-Free	SN74AHC08NSR		S	SOP-EIAJ-II	14
MC74VHC125D	On Semiconductor		SN74AHC125D		S	SOIC	14
MC74VHC125DG	On Semiconductor	Pb-Free	SN74AHC125D		S	SOIC	14
MC74VHC125DR2	On Semiconductor		SN74AHC125DR		S	SOIC	14
MC74VHC125DR2G	On Semiconductor	Pb-Free	SN74AHC125DR		S	SOIC	14
MC74VHC125DT	On Semiconductor		SN74AHC125PW		S	TSSOP	14
MC74VHC125DTG	On Semiconductor	Pb-Free	SN74AHC125PW		S	TSSOP	14
MC74VHC125DTR2	On Semiconductor		SN74AHC125PWR		S	TSSOP	14
MC74VHC125DTR2G	On Semiconductor	Pb-Free	SN74AHC125PWR		S	TSSOP	14
MC74VHC125M	On Semiconductor		SN74AHC125NSR		S	SOP-EIAJ-II	14
MC74VHC125MEL	On Semiconductor		SN74AHC125NSR		S	SOP-EIAJ-II	14
MC74VHC125MELG	On Semiconductor	Pb-Free	SN74AHC125NSR		S	SOP-EIAJ-II	14
MC74VHC125MG	On Semiconductor	Pb-Free	SN74AHC125NSR		S	SOP-EIAJ-II	14
MC74VHC126D	On Semiconductor		SN74AHC126D		S	SOIC	14
MC74VHC126DG	On Semiconductor	Pb-Free	SN74AHC126D		S	SOIC	14
MC74VHC126DR2	On Semiconductor		SN74AHC126DR		S	SOIC	14
MC74VHC126DR2G	On Semiconductor	Pb-Free	SN74AHC126DR		S	SOIC	14
MC74VHC126DT	On Semiconductor		SN74AHC126PW		S	TSSOP	14
MC74VHC126DTG	On Semiconductor	Pb-Free	SN74AHC126PW		S	TSSOP	14
MC74VHC126DTR2	On Semiconductor		SN74AHC126PWR		S	TSSOP	14
MC74VHC126DTR2G	On Semiconductor	Pb-Free	SN74AHC126PWR		S	TSSOP	14
MC74VHC126M	On Semiconductor		SN74AHC126NSR		S	SOP-EIAJ-II	14
MC74VHC126MEL	On Semiconductor		SN74AHC126NSR		S	SOP-EIAJ-II	14
MC74VHC126MELG	On Semiconductor	Pb-Free	SN74AHC126NSR		S	SOP-EIAJ-II	14
MC74VHC126MG	On Semiconductor	Pb-Free	SN74AHC126NSR		S	SOP-EIAJ-II	14
MC74VHC132D	On Semiconductor		SN74AHC132D		S	SOIC	14
MC74VHC132DG	On Semiconductor	Pb-Free	SN74AHC132D		S	SOIC	14
MC74VHC132DR2	On Semiconductor		SN74AHC132DR		S	SOIC	14
MC74VHC132DR2G	On Semiconductor	Pb-Free	SN74AHC132DR		S	SOIC	14
MC74VHC132DT	On Semiconductor		SN74AHC132PW		S	TSSOP	14
MC74VHC132DTG	On Semiconductor	Pb-Free	SN74AHC132PW		S	TSSOP	14
MC74VHC132DTR2	On Semiconductor		SN74AHC132PWR		S	TSSOP	14
MC74VHC132DTR2G	On Semiconductor	Pb-Free	SN74AHC132PWR		S	TSSOP	14
MC74VHC132M	On Semiconductor		SN74AHC132NSR		S	SOP-EIAJ-II	14
MC74VHC132MEL	On Semiconductor		SN74AHC132NSR		S	SOP-EIAJ-II	14
MC74VHC132MELG	On Semiconductor	Pb-Free	SN74AHC132NSR		S	SOP-EIAJ-II	14
MC74VHC132MG	On Semiconductor	Pb-Free	SN74AHC132NSR		S	SOP-EIAJ-II	14
MC74VHC138D	On Semiconductor		SN74AHC138D		S	SOIC	16
MC74VHC138DG	On Semiconductor	Pb-Free	SN74AHC138D		S	SOIC	16
MC74VHC138DR2	On Semiconductor		SN74AHC138DR		S	SOIC	16
MC74VHC138DR2G	On Semiconductor	Pb-Free	SN74AHC138DR		S	SOIC	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74VHC138DT	On Semiconductor		SN74AHC138PW		S	TSSOP	16
MC74VHC138DTG	On Semiconductor	Pb-Free	SN74AHC138PW		S	TSSOP	16
MC74VHC138DTR2	On Semiconductor		SN74AHC138PWR		S	TSSOP	16
MC74VHC138DTR2G	On Semiconductor	Pb-Free	SN74AHC138PWR		S	TSSOP	16
MC74VHC138M	On Semiconductor		SN74AHC138NSR		S	SOP	16
MC74VHC138MEL	On Semiconductor		SN74AHC138NSR		S	SOP-EIAJ-II	16
MC74VHC138MELG	On Semiconductor	Pb-Free	SN74AHC138NSR		S	SOP-EIAJ-II	16
MC74VHC138MG	On Semiconductor		SN74AHC138NSR		S	SOP	16
MC74VHC139D	On Semiconductor		SN74AHC139D		S	SOIC	16
MC74VHC139DG	On Semiconductor	Pb-Free	SN74AHC139D		S	SOIC	16
MC74VHC139DR2	On Semiconductor		SN74AHC139DR		S	SOIC	16
MC74VHC139DR2G	On Semiconductor	Pb-Free	SN74AHC139DR		S	SOIC	16
MC74VHC139DT	On Semiconductor		SN74AHC139PW		S	TSSOP	16
MC74VHC139DTG	On Semiconductor	Pb-Free	SN74AHC139PW		S	TSSOP	16
MC74VHC139DTR2	On Semiconductor		SN74AHC139PWR		S	TSSOP	16
MC74VHC139DTR2G	On Semiconductor	Pb-Free	SN74AHC139PWR		S	TSSOP	16
MC74VHC139M	On Semiconductor		SN74AHC139NSR		S	SOP	16
MC74VHC139MEL	On Semiconductor		SN74AHC139NSR		S	SOP-EIAJ-II	16
MC74VHC139MELG	On Semiconductor	Pb-Free	SN74AHC139NSR		S	SOP-EIAJ-II	16
MC74VHC139MG	On Semiconductor		SN74AHC139NSR		S	SOP	16
MC74VHC14D	On Semiconductor		SN74AHC14D		S	SOIC	14
MC74VHC14DG	On Semiconductor	Pb-Free	SN74AHC14D		S	SOIC	14
MC74VHC14DR2	On Semiconductor		SN74AHC14DR		S	SOIC	14
MC74VHC14DR2G	On Semiconductor	Pb-Free	SN74AHC14DR		S	SOIC	14
MC74VHC14DT	On Semiconductor		SN74AHC14PW		S	TSSOP	14
MC74VHC14DTG	On Semiconductor	Pb-Free	SN74AHC14PW		S	TSSOP	14
MC74VHC14DTR2	On Semiconductor		SN74AHC14PWR		S	TSSOP	14
MC74VHC14DTR2G	On Semiconductor	Pb-Free	SN74AHC14PWR		S	TSSOP	14
MC74VHC14M	On Semiconductor		SN74AHC14NSR		S	SOEIAJ	14
MC74VHC14MEL	On Semiconductor		SN74AHC14NSR		S	SOP-EIAJ-II	14
MC74VHC14MELG	On Semiconductor	Pb-Free	SN74AHC14NSR		S	SOP-EIAJ-II	14
MC74VHC14MG	On Semiconductor		SN74AHC14NSR		S	SOEIAJ	14
MC74VHC157D	On Semiconductor		SN74AHC157D		S	SOIC	16
MC74VHC157DG	On Semiconductor	Pb-Free	SN74AHC157D		S	SOIC	16
MC74VHC157DR2	On Semiconductor		SN74AHC157DR		S	SOIC	16
MC74VHC157DR2G	On Semiconductor	Pb-Free	SN74AHC157DR		S	SOIC	16
MC74VHC157DT	On Semiconductor		SN74AHC157PW		S	TSSOP	16
MC74VHC157DTG	On Semiconductor	Pb-Free	SN74AHC157PW		S	TSSOP	16
MC74VHC157DTR2	On Semiconductor		SN74AHC157PWR		S	TSSOP	16
MC74VHC157DTR2G	On Semiconductor	Pb-Free	SN74AHC157PWR		S	TSSOP	16
MC74VHC157M	On Semiconductor		SN74AHC157NSR		S	SOEIAJ	16
MC74VHC157MEL	On Semiconductor		SN74AHC157NSR		S	SOP-EIAJ-II	16
MC74VHC157MELG	On Semiconductor	Pb-Free	SN74AHC157NSR		S	SOP-EIAJ-II	16
MC74VHC157MG	On Semiconductor		SN74AHC157NSR		S	SOEIAJ	16
MC74VHC1G00DFT1	On Semiconductor		SN74AHC1G00DCKR		S	SC70/EIAJSC88	5
MC74VHC1G00DFT1G	On Semiconductor	Pb-Free	SN74AHC1G00DCKR		S	SC70/EIAJSC88	5
MC74VHC1G00DFT2	On Semiconductor		SN74AHC1G00DCKR		S	SC70/EIAJSC88	5
MC74VHC1G00DFT2G	On Semiconductor	Pb-Free	SN74AHC1G00DCKR		S	SC70/EIAJSC88	5
MC74VHC1G00DFT4	On Semiconductor		SN74AHC1G00DCKR		S	SC70/EIAJSC88	5
MC74VHC1G00DFT4G	On Semiconductor	Pb-Free	SN74AHC1G00DCKR		S	SC70/EIAJSC88	5
MC74VHC1G00DTT1	On Semiconductor		SN74AHC1G00DBVR		S	SOT-23	5
MC74VHC1G00DTT1G	On Semiconductor	Pb-Free	SN74AHC1G00DBVR		S	SOT-23	5
MC74VHC1G00DTT3	On Semiconductor		SN74AHC1G00DBVR		S	SOT-23	5
MC74VHC1G00DTT3G	On Semiconductor	Pb-Free	SN74AHC1G00DBVR		S	SOT-23	5
MC74VHC1G02DFT1	On Semiconductor		SN74AHC1G02DCKR		S	SC70/EIAJSC88	5
MC74VHC1G02DFT1G	On Semiconductor	Pb-Free	SN74AHC1G02DCKR		S	SC70/EIAJSC88	5
MC74VHC1G02DFT2	On Semiconductor		SN74AHC1G02DCKR		S	SC70/EIAJSC88	5
MC74VHC1G02DFT2G	On Semiconductor	Pb-Free	SN74AHC1G02DCKR		S	SC70/EIAJSC88	5
MC74VHC1G02DFT4	On Semiconductor		SN74AHC1G02DCKR		S	SC70/EIAJSC88	5
MC74VHC1G02DFT4G	On Semiconductor	Pb-Free	SN74AHC1G02DCKR		S	SC70/EIAJSC88	5
MC74VHC1G02DTT1	On Semiconductor		SN74AHC1G02DBVR		S	SOT-23	5
MC74VHC1G02DTT1G	On Semiconductor	Pb-Free	SN74AHC1G02DBVR		S	SOT-23	5
MC74VHC1G02DTT3	On Semiconductor		SN74AHC1G02DBVR		S	SOT-23	5
MC74VHC1G02DTT3G	On Semiconductor	Pb-Free	SN74AHC1G02DBVR		S	SOT-23	5

MC74VHC138DT — MC74VHC1G02DTT3G

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74VHC1G04DF	On Semiconductor		SN74AHC1G04DCKR		S	SC70	5
MC74VHC1G04DFT1	On Semiconductor		SN74AHC1G04DCKR		S	SC70/EIAJSC88	5
MC74VHC1G04DFT1G	On Semiconductor	Pb-Free	SN74AHC1G04DCKR		S	SC70/EIAJSC88	5
MC74VHC1G04DFT2	On Semiconductor		SN74AHC1G04DCKR		S	SC70/EIAJSC88	5
MC74VHC1G04DFT2G	On Semiconductor	Pb-Free	SN74AHC1G04DCKR		S	SC70/EIAJSC88	5
MC74VHC1G04DTT1	On Semiconductor		SN74AHC1G04DBVR		S	SOT-23	5
MC74VHC1G04DTT1G	On Semiconductor	Pb-Free	SN74AHC1G04DBVR		S	SOT-23	5
MC74VHC1G04DTT3	On Semiconductor		SN74AHC1G04DBVR		S	SOT-23	5
MC74VHC1G04DTT3G	On Semiconductor	Pb-Free	SN74AHC1G04DBVR		S	SOT-23	5
MC74VHC1G05DFT1	On Semiconductor		SN74LVC1G06DCKR		S	SC70/EIAJSC88	5
MC74VHC1G05DFT1G	On Semiconductor	Pb-Free	SN74LVC1G06DCKR		S	SC70/EIAJSC88	5
MC74VHC1G07DFT1	On Semiconductor		SN74LVC1G07DCKR	Higher performance than VHC	Q	SC70/EIAJSC88	5
MC74VHC1G07DFT1G	On Semiconductor	Pb-Free	SN74LVC1G07DCKR	Higher performance than VHC	Q	SC70/EIAJSC88	5
MC74VHC1G08DF	On Semiconductor	Vs differs	SN74AHC1G08DCKR		S	SC70	5
MC74VHC1G08DFT1	On Semiconductor		SN74AHC1G08DCKR		S	SC70/EIAJSC88	5
MC74VHC1G08DFT1G	On Semiconductor	Pb-Free	SN74AHC1G08DCKR		S	SC70/EIAJSC88	5
MC74VHC1G08DFT2	On Semiconductor		SN74AHC1G08DCKR		S	SC70/EIAJSC88	5
MC74VHC1G08DFT2G	On Semiconductor	Vs differs	SN74AHC1G08DCKR		S	SC70	5
MC74VHC1G08DFT4	On Semiconductor		SN74AHC1G08DCKR		S	SC70/EIAJSC88	5
MC74VHC1G08DFT4G	On Semiconductor	Pb-Free	SN74AHC1G08DCKR		S	SC70/EIAJSC88	5
MC74VHC1G08DFT3G	On Semiconductor		SN74AHC1G08DBVR		S	SOT-23	5
MC74VHC1G08DFT1G	On Semiconductor	Vs differs	SN74AHC1G08DBVR		S	SOT-23	5
MC74VHC1G08DTT1	On Semiconductor		SN74AHC1G08DBVR		S	SOT-23	5
MC74VHC1G08DTT1G	On Semiconductor	Pb-Free	SN74AHC1G08DBVR		S	SOT-23	5
MC74VHC1G08DTT3	On Semiconductor		SN74AHC1G08DBVR		S	SOT-23	5
MC74VHC1G08DTT3G	On Semiconductor	Pb-Free	SN74AHC1G08DBVR		S	SOT-23	5
MC74VHC1G125DFT1	On Semiconductor		SN74AHC1G125DCKR		S	SC70/EIAJSC88	5
MC74VHC1G125DFT1G	On Semiconductor	Pb-Free	SN74AHC1G125DCKR		S	SC70/EIAJSC88	5
MC74VHC1G125DFT2	On Semiconductor		SN74AHC1G125DCKR		S	SC70/EIAJSC88	5
MC74VHC1G125DFT2G	On Semiconductor	Pb-Free	SN74AHC1G125DCKR		S	SC70/EIAJSC88	5
MC74VHC1G125DFT4	On Semiconductor		SN74AHC1G125DCKR		S	SC70/EIAJSC88	5
MC74VHC1G125DFT4G	On Semiconductor	Pb-Free	SN74AHC1G125DCKR		S	SC70/EIAJSC88	5
MC74VHC1G125DFT1G	On Semiconductor		SN74AHC1G125DBVR		S	SOT-23	5
MC74VHC1G125DFT1G	On Semiconductor	Pb-Free	SN74AHC1G125DBVR		S	SOT-23	5
MC74VHC1G125DFT3	On Semiconductor		SN74AHC1G125DBVR		S	SOT-23	5
MC74VHC1G125DFT3G	On Semiconductor	Pb-Free	SN74AHC1G125DBVR		S	SOT-23	5
MC74VHC1G126DFT1	On Semiconductor		SN74AHC1G126DCKR		S	SC70/EIAJSC88	5
MC74VHC1G126DFT1G	On Semiconductor	Pb-Free	SN74AHC1G126DCKR		S	SC70/EIAJSC88	5
MC74VHC1G126DFT2	On Semiconductor		SN74AHC1G126DCKR		S	SC70/EIAJSC88	5
MC74VHC1G126DFT2G	On Semiconductor	Pb-Free	SN74AHC1G126DCKR		S	SC70/EIAJSC88	5
MC74VHC1G126DFT4	On Semiconductor		SN74AHC1G126DCKR		S	SC70/EIAJSC88	5
MC74VHC1G126DFT4G	On Semiconductor	Pb-Free	SN74AHC1G126DCKR		S	SC70/EIAJSC88	5
MC74VHC1G126DFT3G	On Semiconductor		SN74AHC1G126DBVR		S	SOT-23	5
MC74VHC1G126DFT1G	On Semiconductor	Pb-Free	SN74AHC1G126DBVR		S	SOT-23	5
MC74VHC1G126DFT3	On Semiconductor		SN74AHC1G126DBVR		S	SOT-23	5
MC74VHC1G126DFT3G	On Semiconductor	Pb-Free	SN74AHC1G126DBVR		S	SOT-23	5
MC74VHC1G14DFT1	On Semiconductor		SN74AHC1G14DCKR		S	SC70/EIAJSC88	5
MC74VHC1G14DFT1G	On Semiconductor	Pb-Free	SN74AHC1G14DCKR		S	SC70/EIAJSC88	5
MC74VHC1G14DFT2	On Semiconductor		SN74AHC1G14DCKR		S	SC70/EIAJSC88	5
MC74VHC1G14DFT2G	On Semiconductor	Pb-Free	SN74AHC1G14DCKR		S	SC70/EIAJSC88	5
MC74VHC1G14DFT4	On Semiconductor		SN74AHC1G14DCKR		S	SC70/EIAJSC88	5
MC74VHC1G14DFT4G	On Semiconductor	Pb-Free	SN74AHC1G14DCKR		S	SC70/EIAJSC88	5
MC74VHC1G14DTT1	On Semiconductor		SN74AHC1G14DBVR		S	SOT-23	5
MC74VHC1G14DTT1G	On Semiconductor	Pb-Free	SN74AHC1G14DBVR		S	SOT-23	5
MC74VHC1G14DTT3	On Semiconductor		SN74AHC1G14DBVR		S	SOT-23	5
MC74VHC1G14DTT3G	On Semiconductor	Pb-Free	SN74AHC1G14DBVR		S	SOT-23	5
MC74VHC1G32DFT1	On Semiconductor		SN74AHC1G32DCKR		S	SC70/EIAJSC88	5
MC74VHC1G32DFT1G	On Semiconductor	Pb-Free	SN74AHC1G32DCKR		S	SC70/EIAJSC88	5
MC74VHC1G32DFT2	On Semiconductor		SN74AHC1G32DCKR		S	SC70/EIAJSC88	5
MC74VHC1G32DFT2G	On Semiconductor	Pb-Free	SN74AHC1G32DCKR		S	SC70/EIAJSC88	5
MC74VHC1G32DFT4	On Semiconductor		SN74AHC1G32DCKR		S	SC70/EIAJSC88	5
MC74VHC1G32DFT4G	On Semiconductor	Pb-Free	SN74AHC1G32DCKR		S	SC70/EIAJSC88	5
MC74VHC1G32DTT1	On Semiconductor		SN74AHC1G32DBVR		S	SOT-23	5
MC74VHC1G32DTT1G	On Semiconductor	Pb-Free	SN74AHC1G32DBVR		S	SOT-23	5

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74VHC1G32DIT3	On Semiconductor		SN74AHC1G32DBVR		S	SOT-23	5
MC74VHC1G32DIT3G	On Semiconductor	Pb-Free	SN74AHC1G32DBVR		S	SOT-23	5
MC74VHC1G66DFT1	On Semiconductor		SN74LVC1G66DCKR	Higher performance than VHC	Q	SC70/EIAJSC88	5
MC74VHC1G66DFT1G	On Semiconductor	Pb-Free	SN74LVC1G66DCKR	Higher performance than VHC	Q	SC70/EIAJSC88	5
MC74VHC1G66DFT2	On Semiconductor		SN74LVC1G66DCKR	Higher performance than VHC	Q	SC70/EIAJSC88	5
MC74VHC1G66DFT2G	On Semiconductor	Pb-Free	SN74LVC1G66DCKR	Higher performance than VHC	Q	SC70/EIAJSC88	5
MC74VHC1G66DFT4	On Semiconductor		SN74LVC1G66DCKR	Higher performance than VHC	Q	SC70/EIAJSC88	5
MC74VHC1G66DFT4G	On Semiconductor	Pb-Free	SN74LVC1G66DCKR	Higher performance than VHC	Q	SC70/EIAJSC88	5
MC74VHC1G66DFT1G	On Semiconductor		SN74LVC1G66DCKR	Higher performance than VHC	Q	SOT-23	5
MC74VHC1G66DIT1G	On Semiconductor	Pb-Free	SN74LVC1G66DCKR	Higher performance than VHC	Q	SOT-23	5
MC74VHC1G66DIT3	On Semiconductor		SN74LVC1G66DCKR	Higher performance than VHC	Q	SOT-23	5
MC74VHC1G66DIT3G	On Semiconductor	Pb-Free	SN74LVC1G66DCKR	Higher performance than VHC	Q	SOT-23	5
MC74VHC1G86DFT1	On Semiconductor		SN74AHC1G86DCKR		S	SC70/EIAJSC88	5
MC74VHC1G86DFT1G	On Semiconductor	Pb-Free	SN74AHC1G86DCKR		S	SC70/EIAJSC88	5
MC74VHC1G86DFT2	On Semiconductor		SN74AHC1G86DCKR		S	SC70/EIAJSC88	5
MC74VHC1G86DFT2G	On Semiconductor	Pb-Free	SN74AHC1G86DCKR		S	SC70/EIAJSC88	5
MC74VHC1G86DIT1	On Semiconductor		SN74AHC1G86DBVR		S	SOT-23	5
MC74VHC1G86DIT1G	On Semiconductor	Pb-Free	SN74AHC1G86DBVR		S	SOT-23	5
MC74VHC1GT00DFT1	On Semiconductor		SN74AHC1G00DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT00DFT1G	On Semiconductor	Pb-Free	SN74AHC1G00DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT00DFT2	On Semiconductor		SN74AHC1G00DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT00DFT2G	On Semiconductor	Pb-Free	SN74AHC1G00DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT00DFT4	On Semiconductor		SN74AHC1G00DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT00DFT4G	On Semiconductor	Pb-Free	SN74AHC1G00DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT02DFT1	On Semiconductor		SN74AHC1G02DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT02DFT1G	On Semiconductor	Pb-Free	SN74AHC1G02DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT02DFT2	On Semiconductor		SN74AHC1G02DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT02DFT2G	On Semiconductor	Pb-Free	SN74AHC1G02DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT02DFT4	On Semiconductor		SN74AHC1G02DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT02DFT4G	On Semiconductor	Pb-Free	SN74AHC1G02DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT02DIT1	On Semiconductor		SN74AHC1G02DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT02DIT1G	On Semiconductor	Pb-Free	SN74AHC1G02DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT02DIT3	On Semiconductor		SN74AHC1G02DBVR		S	SOT-23	5
MC74VHC1GT02DIT3G	On Semiconductor	Pb-Free	SN74AHC1G02DBVR		S	SOT-23	5
MC74VHC1GT04DFT1	On Semiconductor		SN74AHC1G04DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT04DFT1G	On Semiconductor	Pb-Free	SN74AHC1G04DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT04DFT2	On Semiconductor		SN74AHC1G04DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT04DFT2G	On Semiconductor	Pb-Free	SN74AHC1G04DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT04DFT4	On Semiconductor		SN74AHC1G04DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT04DFT4G	On Semiconductor	Pb-Free	SN74AHC1G04DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT04DIT1	On Semiconductor		SN74AHC1G04DBVR		S	SOT-23	5
MC74VHC1GT04DIT1G	On Semiconductor	Pb-Free	SN74AHC1G04DBVR		S	SOT-23	5
MC74VHC1GT04DIT3	On Semiconductor		SN74AHC1G04DBVR		S	SOT-23	5
MC74VHC1GT04DIT3G	On Semiconductor	Pb-Free	SN74AHC1G04DBVR		S	SOT-23	5
MC74VHC1GT08DFT1	On Semiconductor		SN74AHC1G08DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT08DFT1G	On Semiconductor	Pb-Free	SN74AHC1G08DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT08DFT2	On Semiconductor		SN74AHC1G08DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT08DFT2G	On Semiconductor	Pb-Free	SN74AHC1G08DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT08DFT4	On Semiconductor		SN74AHC1G08DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT08DFT4G	On Semiconductor	Pb-Free	SN74AHC1G08DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT08DIT1	On Semiconductor		SN74AHC1G08DBVR		S	SOT-23	5
MC74VHC1GT08DIT1G	On Semiconductor	Pb-Free	SN74AHC1G08DBVR		S	SOT-23	5
MC74VHC1GT08DIT3	On Semiconductor		SN74AHC1G08DBVR		S	SOT-23	5
MC74VHC1GT08DIT3G	On Semiconductor	Pb-Free	SN74AHC1G08DBVR		S	SOT-23	5
MC74VHC1GT125DF2	On Semiconductor		SN74AHC1G125DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT125DF2G	On Semiconductor	Pb-Free	SN74AHC1G125DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT125DF4	On Semiconductor		SN74AHC1G125DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT125DF4G	On Semiconductor	Pb-Free	SN74AHC1G125DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT125DT1	On Semiconductor		SN74AHC1G125DBVR		S	SOT-23	5
MC74VHC1GT125DT1G	On Semiconductor	Pb-Free	SN74AHC1G125DBVR		S	SOT-23	5
MC74VHC1GT125DT3	On Semiconductor		SN74AHC1G125DBVR		S	SOT-23	5
MC74VHC1GT125DT3G	On Semiconductor	Pb-Free	SN74AHC1G125DBVR		S	SOT-23	5
MC74VHC1GT126DF2	On Semiconductor		SN74AHC1G126DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT126DF2G	On Semiconductor	Pb-Free	SN74AHC1G126DCKR		S	SC70/EIAJSC88	5

MC74VHC1G32DIT3 — MC74VHC1GT126DF2G

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74VHC1GT126DF4	On Semiconductor		SN74AHCT1G126DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT126DF4G	On Semiconductor	Pb-Free	SN74AHCT1G126DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT126DT1	On Semiconductor		SN74AHCT1G126DBVR		S	SOT-23	5
MC74VHC1GT126DT1G	On Semiconductor	Pb-Free	SN74AHCT1G126DBVR		S	SOT-23	5
MC74VHC1GT126DT3	On Semiconductor		SN74AHCT1G126DBVR		S	SOT-23	5
MC74VHC1GT126DT3G	On Semiconductor	Pb-Free	SN74AHCT1G126DBVR		S	SOT-23	5
MC74VHC1GT14DFT1	On Semiconductor		SN74AHCT1G14DCKR		S	SC70	5
MC74VHC1GT14DFT1G	On Semiconductor	Pb-Free	SN74AHCT1G14DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT14DFT2	On Semiconductor		SN74AHCT1G14DCKR		S	SC70	5
MC74VHC1GT14DFT2G	On Semiconductor	Pb-Free	SN74AHCT1G14DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT14DFT4	On Semiconductor		SN74AHCT1G14DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT14DFT4G	On Semiconductor	Pb-Free	SN74AHCT1G14DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT14DFT1G	On Semiconductor		SN74AHCT1G14DBVR		S	TSOP	5
MC74VHC1GT14DFT2G	On Semiconductor	Pb-Free	SN74AHCT1G14DBVR		S	TSOP	5
MC74VHC1GT14DFT4G	On Semiconductor	Pb-Free	SN74AHCT1G14DBVR		S	SOT-23	5
MC74VHC1GT14DFT1	On Semiconductor		SN74AHCT1G14DBVR		S	SOT-23	5
MC74VHC1GT14DFT2	On Semiconductor		SN74AHCT1G14DBVR		S	SOT-23	5
MC74VHC1GT14DFT4	On Semiconductor		SN74AHCT1G14DBVR		S	SOT-23	5
MC74VHC1GT14DFT1G	On Semiconductor	Pb-Free	SN74AHCT1G32DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT14DFT2G	On Semiconductor	Pb-Free	SN74AHCT1G32DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT14DFT4G	On Semiconductor	Pb-Free	SN74AHCT1G32DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT32DFT1	On Semiconductor		SN74AHCT1G32DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT32DFT1G	On Semiconductor	Pb-Free	SN74AHCT1G32DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT32DFT2	On Semiconductor		SN74AHCT1G32DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT32DFT2G	On Semiconductor	Pb-Free	SN74AHCT1G32DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT32DFT4	On Semiconductor		SN74AHCT1G32DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT32DFT4G	On Semiconductor	Pb-Free	SN74AHCT1G32DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT32DFT1G	On Semiconductor		SN74AHCT1G32DBVR		S	SOT-23	5
MC74VHC1GT32DFT2G	On Semiconductor	Pb-Free	SN74AHCT1G32DBVR		S	SOT-23	5
MC74VHC1GT32DFT4G	On Semiconductor	Pb-Free	SN74AHCT1G32DBVR		S	SOT-23	5
MC74VHC1GT32DFT1	On Semiconductor		SN74AHCT1G32DBVR		S	SOT-23	5
MC74VHC1GT32DFT2	On Semiconductor		SN74AHCT1G86DCKR		S	SC70	5
MC74VHC1GT32DFT4	On Semiconductor	tpd, Vs differ	SN74AHCT1G86DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT86DFT1	On Semiconductor	Pb-Free	SN74AHCT1G86DCKR		S	SC70	5
MC74VHC1GT86DFT1G	On Semiconductor	Pb-Free	SN74AHCT1G86DCKR		S	SC70/EIAJSC88	5
MC74VHC1GT86DFT2	On Semiconductor	tpd, Vs differ	SN74AHCT1G86DCKR		S	SC70	5
MC74VHC1GT86DFT2G	On Semiconductor	Pb-Free	SN74AHCT1G86DCKR		S	SC70/EIAJSC88	5
MC74VHC1GU04DFT1	On Semiconductor		SN74AHC1GU04DCKR		S	SC70	5
MC74VHC1GU04DFT1G	On Semiconductor	Pb-Free	SN74AHC1GU04DCKR		S	SC70/EIAJSC88	5
MC74VHC1GU04DFT2	On Semiconductor		SN74AHC1GU04DCKR		S	SC70	5
MC74VHC1GU04DFT2G	On Semiconductor	Pb-Free	SN74AHC1GU04DCKR		S	SC70/EIAJSC88	5
MC74VHC1GU04DFT1	On Semiconductor		SN74AHC1GU04DBVR		S	TSOP	5
MC74VHC240DT	On Semiconductor		SN74AHC240PW		S	TSSOP	20
MC74VHC240DTG	On Semiconductor	Pb-Free	SN74AHC240PW		S	TSSOP	20
MC74VHC240DTR2	On Semiconductor		SN74AHC240PWR		S	TSSOP	20
MC74VHC240DTR2G	On Semiconductor	Pb-Free	SN74AHC240PWR		S	TSSOP	20
MC74VHC240DW	On Semiconductor		SN74AHC240DW		S	SOIC	20
MC74VHC240DWG	On Semiconductor	Pb-Free	SN74AHC240DW		S	SOIC	20
MC74VHC240DWR2	On Semiconductor		SN74AHC240DWR		S	SOIC	20
MC74VHC240DWR2G	On Semiconductor	Pb-Free	SN74AHC240DWR		S	SOIC	20
MC74VHC240M	On Semiconductor		SN74AHC240NSR		S	SOP-EIAJ-II	20
MC74VHC240MEL	On Semiconductor		SN74AHC240NSR		S	SOP-EIAJ-II	20
MC74VHC240MELG	On Semiconductor	Pb-Free	SN74AHC240NSR		S	SOP-EIAJ-II	20
MC74VHC240MG	On Semiconductor	Pb-Free	SN74AHC240NSR		S	SOP-EIAJ-II	20
MC74VHC244DT	On Semiconductor		SN74AHC244PW		S	TSSOP	20
MC74VHC244DTG	On Semiconductor	Pb-Free	SN74AHC244PW		S	TSSOP	20
MC74VHC244DTR2	On Semiconductor		SN74AHC244PWR		S	TSSOP	20
MC74VHC244DTR2G	On Semiconductor	Pb-Free	SN74AHC244PWR		S	TSSOP	20
MC74VHC244DW	On Semiconductor		SN74AHC244DW		S	SOIC	20
MC74VHC244DWG	On Semiconductor	Pb-Free	SN74AHC244DW		S	SOIC	20
MC74VHC244DWR2	On Semiconductor		SN74AHC244DWR		S	SOIC	20
MC74VHC244DWR2G	On Semiconductor	Pb-Free	SN74AHC244DWR		S	SOIC	20
MC74VHC244M	On Semiconductor		SN74AHC244NSR		S	SOP-EIAJ-II	20
MC74VHC244MEL	On Semiconductor		SN74AHC244NSR		S	SOP-EIAJ-II	20
MC74VHC244MELG	On Semiconductor	Pb-Free	SN74AHC244NSR		S	SOP-EIAJ-II	20
MC74VHC244MG	On Semiconductor	Pb-Free	SN74AHC244NSR		S	SOP-EIAJ-II	20
MC74VHC245DT	On Semiconductor		SN74AHC245PW		S	TSSOP	20
MC74VHC245DTG	On Semiconductor	Pb-Free	SN74AHC245PW		S	TSSOP	20
MC74VHC245DTR2	On Semiconductor		SN74AHC245PWR		S	TSSOP	20
MC74VHC245DTR2G	On Semiconductor	Pb-Free	SN74AHC245PWR		S	TSSOP	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74VHC245DW	On Semiconductor		SN74AHC245DW		S	SOIC	20
MC74VHC245DWG	On Semiconductor	Pb-Free	SN74AHC245DW		S	SOIC	20
MC74VHC245DWR2	On Semiconductor		SN74AHC245DWR		S	SOIC	20
MC74VHC245DWR2G	On Semiconductor	Pb-Free	SN74AHC245DWR		S	SOIC	20
MC74VHC245M	On Semiconductor		SN74AHC245NSR		S	SOP	20
MC74VHC245MEL	On Semiconductor		SN74AHC245NSR		S	SOP-EIAJ-II	20
MC74VHC245MELG	On Semiconductor	Pb-Free	SN74AHC245NSR		S	SOP-EIAJ-II	20
MC74VHC245MG	On Semiconductor		SN74AHC245NSR		S	SOP	20
MC74VHC32D	On Semiconductor		SN74AHC32D		S	SOIC	14
MC74VHC32DG	On Semiconductor	Pb-Free	SN74AHC32D		S	SOIC	14
MC74VHC32DR2	On Semiconductor		SN74AHC32DR		S	SOIC	14
MC74VHC32DR2G	On Semiconductor	Pb-Free	SN74AHC32DR		S	SOIC	14
MC74VHC32DT	On Semiconductor		SN74AHC32PW		S	TSSOP	14
MC74VHC32DTG	On Semiconductor	Pb-Free	SN74AHC32PW		S	TSSOP	14
MC74VHC32DTR2	On Semiconductor		SN74AHC32PWR		S	TSSOP	14
MC74VHC32DTR2G	On Semiconductor	Pb-Free	SN74AHC32PWR		S	TSSOP	14
MC74VHC32M	On Semiconductor		SN74AHC32NSR		S	SOP-EIAJ-II	14
MC74VHC32MEL	On Semiconductor		SN74AHC32NSR		S	SOP-EIAJ-II	14
MC74VHC32MELG	On Semiconductor	Pb-Free	SN74AHC32NSR		S	SOP-EIAJ-II	14
MC74VHC32MG	On Semiconductor	Pb-Free	SN74AHC32NSR		S	SOP-EIAJ-II	14
MC74VHC373DT	On Semiconductor		SN74AHC373PW		S	TSSOP	20
MC74VHC373DTG	On Semiconductor	Pb-Free	SN74AHC373PW		S	TSSOP	20
MC74VHC373DTR2	On Semiconductor		SN74AHC373PWR		S	TSSOP	20
MC74VHC373DTR2G	On Semiconductor	Pb-Free	SN74AHC373PWR		S	TSSOP	20
MC74VHC373DW	On Semiconductor		SN74AHC373DW		S	SOIC	20
MC74VHC373DWG	On Semiconductor	Pb-Free	SN74AHC373DW		S	SOIC	20
MC74VHC373DWR2	On Semiconductor		SN74AHC373DWR		S	SOIC	20
MC74VHC373DWR2G	On Semiconductor	Pb-Free	SN74AHC373DWR		S	SOIC	20
MC74VHC373M	On Semiconductor		SN74AHC373DW		S	SOEIAJ	20
MC74VHC373M	On Semiconductor		SN74AHC373NSR		S	SOEIAJ	20
MC74VHC373MEL	On Semiconductor		SN74AHC373NSR		S	SOP-EIAJ-II	20
MC74VHC373MELG	On Semiconductor	Pb-Free	SN74AHC373NSR		S	SOP-EIAJ-II	20
MC74VHC373MG	On Semiconductor		SN74AHC373NSR		S	SOEIAJ	20
MC74VHC374DT	On Semiconductor		SN74AHC374PW		S	TSSOP	20
MC74VHC374DTG	On Semiconductor	Pb-Free	SN74AHC374PW		S	TSSOP	20
MC74VHC374DTR2	On Semiconductor		SN74AHC374PWR		S	TSSOP	20
MC74VHC374DTR2G	On Semiconductor	Pb-Free	SN74AHC374PWR		S	TSSOP	20
MC74VHC374DW	On Semiconductor		SN74AHC374DW		S	SOIC	20
MC74VHC374DWG	On Semiconductor	Pb-Free	SN74AHC374DW		S	SOIC	20
MC74VHC374DWR2	On Semiconductor		SN74AHC374DWR		S	SOIC	20
MC74VHC374DWR2G	On Semiconductor	Pb-Free	SN74AHC374DWR		S	SOIC	20
MC74VHC374M	On Semiconductor		SN74AHC374NSR		S	SOP-EIAJ-II	20
MC74VHC374MEL	On Semiconductor		SN74AHC374NSR		S	SOP-EIAJ-II	20
MC74VHC374MELG	On Semiconductor	Pb-Free	SN74AHC374NSR		S	SOP-EIAJ-II	20
MC74VHC374MG	On Semiconductor	Pb-Free	SN74AHC374NSR		S	SOP-EIAJ-II	20
MC74VHC393D	On Semiconductor		SN74LV393AD		S	SOIC	14
MC74VHC393DG	On Semiconductor	Pb-Free	SN74LV393AD		S	SOIC	14
MC74VHC393DR2	On Semiconductor		SN74LV393ADR		S	SOIC	14
MC74VHC393DR2G	On Semiconductor	Pb-Free	SN74LV393ADR		S	SOIC	14
MC74VHC393DT	On Semiconductor		SN74LV393APW		S	TSSOP	14
MC74VHC393DT	On Semiconductor		SN74LV393APWR		S	TSSOP	14
MC74VHC393DTG	On Semiconductor	Pb-Free	SN74LV393APW		S	TSSOP	14
MC74VHC393DTR2	On Semiconductor		SN74LV393APWR		S	TSSOP	14
MC74VHC393DTR2G	On Semiconductor	Pb-Free	SN74LV393APWR		S	TSSOP	14
MC74VHC393M	On Semiconductor		SN74LV393ANSR		S	SOP-EIAJ-II	14
MC74VHC393MEL	On Semiconductor		SN74LV393ANSR		S	SOP-EIAJ-II	14
MC74VHC393MELG	On Semiconductor	Pb-Free	SN74LV393ANSR		S	SOP-EIAJ-II	14
MC74VHC393MG	On Semiconductor	Pb-Free	SN74LV393ANSR		S	SOP-EIAJ-II	14
MC74VHC4051D	On Semiconductor		SN74LV4051AD		S	SOIC	16
MC74VHC4051DG	On Semiconductor	Pb-Free	SN74LV4051AD		S	SOIC	16
MC74VHC4051DR2	On Semiconductor		SN74LV4051ADR		S	SOIC	16
MC74VHC4051DR2G	On Semiconductor	Pb-Free	SN74LV4051ADR		S	SOIC	16
MC74VHC4051DT	On Semiconductor		SN74LV4051APW		S	TSSOP	16
MC74VHC4051DTG	On Semiconductor	Pb-Free	SN74LV4051APW		S	TSSOP	16

MC74VHC245DW — MC74VHC4051DTG

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74VHC4051DTR2	On Semiconductor		SN74LV4051APWR		S	TSSOP	16
MC74VHC4051DTR2G	On Semiconductor	Pb-Free	SN74LV4051APWR		S	TSSOP	16
MC74VHC4052D	On Semiconductor		SN74LV4052AD		S	SOIC	16
MC74VHC4052DG	On Semiconductor	Pb-Free	SN74LV4052AD		S	SOIC	16
MC74VHC4052DR2	On Semiconductor		SN74LV4052ADR		S	SOIC	16
MC74VHC4052DR2G	On Semiconductor	Pb-Free	SN74LV4052ADR		S	SOIC	16
MC74VHC4052DT	On Semiconductor		SN74LV4052APW		S	TSSOP	16
MC74VHC4052DTG	On Semiconductor	Pb-Free	SN74LV4052APW		S	TSSOP	16
MC74VHC4052DTR2	On Semiconductor		SN74LV4052APWR		S	TSSOP	16
MC74VHC4052DTR2G	On Semiconductor	Pb-Free	SN74LV4052APWR		S	TSSOP	16
MC74VHC4053D	On Semiconductor		SN74LV4053AD		S	SOIC	16
MC74VHC4053DG	On Semiconductor	Pb-Free	SN74LV4053AD		S	SOIC	16
MC74VHC4053DR2	On Semiconductor		SN74LV4053ADR		S	SOIC	16
MC74VHC4053DR2G	On Semiconductor	Pb-Free	SN74LV4053ADR		S	SOIC	16
MC74VHC4053DT	On Semiconductor		SN74LV4053APW		S	TSSOP	16
MC74VHC4053DTG	On Semiconductor	Pb-Free	SN74LV4053APW		S	TSSOP	16
MC74VHC4053DTR2	On Semiconductor		SN74LV4053APWR		S	TSSOP	16
MC74VHC4053DTR2G	On Semiconductor	Pb-Free	SN74LV4053APWR		S	TSSOP	16
MC74VHC4066D	On Semiconductor		SN74AHC4066D		S	SOIC	14
MC74VHC4066DG	On Semiconductor	Pb-Free	SN74AHC4066D		S	SOIC	14
MC74VHC4066DR2	On Semiconductor		SN74AHC4066DR		S	SOIC	14
MC74VHC4066DR2G	On Semiconductor	Pb-Free	SN74AHC4066DR		S	SOIC	14
MC74VHC4066DT	On Semiconductor		SN74AHC4066PW		S	TSSOP	14
MC74VHC4066DTG	On Semiconductor	Pb-Free	SN74AHC4066PW		S	TSSOP	14
MC74VHC4066DTR2	On Semiconductor		SN74AHC4066PWR		S	TSSOP	14
MC74VHC4066DTR2G	On Semiconductor	Pb-Free	SN74AHC4066PWR		S	TSSOP	14
MC74VHC540DT	On Semiconductor		SN74AHC540PW		S	TSSOP	20
MC74VHC540DTG	On Semiconductor	Pb-Free	SN74AHC540PW		S	TSSOP	20
MC74VHC540DTR2	On Semiconductor		SN74AHC540PWR		S	TSSOP	20
MC74VHC540DTR2G	On Semiconductor	Pb-Free	SN74AHC540PWR		S	TSSOP	20
MC74VHC540DW	On Semiconductor		SN74AHC540DW		S	SOIC	20
MC74VHC540DWG	On Semiconductor	Pb-Free	SN74AHC540DW		S	SOIC	20
MC74VHC540DWR2	On Semiconductor		SN74AHC540DWR		S	SOIC	20
MC74VHC540DWR2G	On Semiconductor	Pb-Free	SN74AHC540DWR		S	SOIC	20
MC74VHC540M	On Semiconductor		SN74AHC540NSR		S	SOP-EIAJ-II	20
MC74VHC540MEL	On Semiconductor		SN74AHC540NSR		S	SOP-EIAJ-II	20
MC74VHC540MELG	On Semiconductor	Pb-Free	SN74AHC540NSR		S	SOP-EIAJ-II	20
MC74VHC540MG	On Semiconductor	Pb-Free	SN74AHC540NSR		S	SOP-EIAJ-II	20
MC74VHC541DT	On Semiconductor		SN74AHC541PW		S	TSSOP	20
MC74VHC541DTG	On Semiconductor	Pb-Free	SN74AHC541PW		S	TSSOP	20
MC74VHC541DTR2	On Semiconductor		SN74AHC541PWR		S	TSSOP	20
MC74VHC541DTR2G	On Semiconductor	Pb-Free	SN74AHC541PWR		S	TSSOP	20
MC74VHC541DW	On Semiconductor		SN74AHC541DW		S	SOIC	20
MC74VHC541DWG	On Semiconductor	Pb-Free	SN74AHC541DW		S	SOIC	20
MC74VHC541DWR2	On Semiconductor		SN74AHC541DWR		S	SOIC	20
MC74VHC541DWR2G	On Semiconductor	Pb-Free	SN74AHC541DWR		S	SOIC	20
MC74VHC541M	On Semiconductor		SN74AHC541NSR		S	SOP-EIAJ-II	20
MC74VHC541MEL	On Semiconductor		SN74AHC541NSR		S	SOP-EIAJ-II	20
MC74VHC541MELG	On Semiconductor	Pb-Free	SN74AHC541NSR		S	SOP-EIAJ-II	20
MC74VHC541MG	On Semiconductor	Pb-Free	SN74AHC541NSR		S	SOP-EIAJ-II	20
MC74VHC573DT	On Semiconductor		SN74AHC573PW		S	TSSOP	20
MC74VHC573DTG	On Semiconductor	Pb-Free	SN74AHC573PW		S	TSSOP	20
MC74VHC573DTR2	On Semiconductor		SN74AHC573DGVR		S	TSSOP	20
MC74VHC573DTR2	On Semiconductor		SN74AHC573PWR		S	TSSOP	20
MC74VHC573DTR2G	On Semiconductor	Pb-Free	SN74AHC573PWR		S	TSSOP	20
MC74VHC573DW	On Semiconductor		SN74AHC573DW		S	SOIC	20
MC74VHC573DWG	On Semiconductor	Pb-Free	SN74AHC573DW		S	SOIC	20
MC74VHC573DWR2	On Semiconductor		SN74AHC573DWR		S	SOIC	20
MC74VHC573DWR2G	On Semiconductor	Pb-Free	SN74AHC573DWR		S	SOIC	20
MC74VHC573M	On Semiconductor		SN74AHC573DW		S	SOEIAJ	20
MC74VHC573M	On Semiconductor		SN74AHC573NSR		S	SOEIAJ	20
MC74VHC573MEL	On Semiconductor		SN74AHC573NSR		S	SOP-EIAJ-II	20
MC74VHC573MELG	On Semiconductor	Pb-Free	SN74AHC573NSR		S	SOP-EIAJ-II	20
MC74VHC573MG	On Semiconductor		SN74AHC573NSR		S	SOEIAJ	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74VHC574DT	On Semiconductor		SN74AHC574PW		S	TSSOP	20
MC74VHC574DTG	On Semiconductor	Pb-Free	SN74AHC574PW		S	TSSOP	20
MC74VHC574DTR2	On Semiconductor		SN74AHC574PWR		S	TSSOP	20
MC74VHC574DTR2G	On Semiconductor	Pb-Free	SN74AHC574PWR		S	TSSOP	20
MC74VHC574DW	On Semiconductor		SN74AHC574DW		S	SOIC	20
MC74VHC574DWG	On Semiconductor	Pb-Free	SN74AHC574DW		S	SOIC	20
MC74VHC574DWR2	On Semiconductor		SN74AHC574DWR		S	SOIC	20
MC74VHC574DWR2G	On Semiconductor	Pb-Free	SN74AHC574DWR		S	SOIC	20
MC74VHC574M	On Semiconductor		SN74AHC574NSR		S	SOP-EIAJ-II	20
MC74VHC574MEL	On Semiconductor		SN74AHC574NSR		S	SOP-EIAJ-II	20
MC74VHC574MELG	On Semiconductor	Pb-Free	SN74AHC574NSR		S	SOP-EIAJ-II	20
MC74VHC574MG	On Semiconductor	Pb-Free	SN74AHC574NSR		S	SOP-EIAJ-II	20
MC74VHC595D	On Semiconductor		SN74AHC595D		S	SOIC	16
MC74VHC595DG	On Semiconductor	Pb-Free	SN74AHC595D		S	SOIC	16
MC74VHC595DR2	On Semiconductor		SN74AHC595DR		S	SOIC	16
MC74VHC595DR2G	On Semiconductor	Pb-Free	SN74AHC595DR		S	SOIC	16
MC74VHC595DT	On Semiconductor		SN74AHC595PW		S	TSSOP	16
MC74VHC595DTG	On Semiconductor	Pb-Free	SN74AHC595PW		S	TSSOP	16
MC74VHC595DTR2	On Semiconductor		SN74AHC595PWR		S	TSSOP	16
MC74VHC595DTR2G	On Semiconductor	Pb-Free	SN74AHC595PWR		S	TSSOP	16
MC74VHC595M	On Semiconductor		SN74AHC595NSR		S	SOP-EIAJ-II	16
MC74VHC595MEL	On Semiconductor		SN74AHC595NSR		S	SOP-EIAJ-II	16
MC74VHC595MELG	On Semiconductor	Pb-Free	SN74AHC595NSR		S	SOP-EIAJ-II	16
MC74VHC595MG	On Semiconductor	Pb-Free	SN74AHC595NSR		S	SOP-EIAJ-II	16
MC74VHC74D	On Semiconductor		SN74AHC74D		S	SOIC	14
MC74VHC74DG	On Semiconductor	Pb-Free	SN74AHC74D		S	SOIC	14
MC74VHC74DR2	On Semiconductor		SN74AHC74DR		S	SOIC	14
MC74VHC74DR2G	On Semiconductor	Pb-Free	SN74AHC74DR		S	SOIC	14
MC74VHC74DR2G	On Semiconductor	Pb-Free	SN74AHC74DR		S	SOIC	14
MC74VHC74DT	On Semiconductor		SN74AHC74PW		S	TSSOP	14
MC74VHC74DTG	On Semiconductor	Pb-Free	SN74AHC74PW		S	TSSOP	14
MC74VHC74DTR2	On Semiconductor		SN74AHC74PWR		S	TSSOP	14
MC74VHC74DTR2G	On Semiconductor	Pb-Free	SN74AHC74PWR		S	TSSOP	14
MC74VHC74M	On Semiconductor		SN74AHC74NSR		S	SOP-EIAJ-II	14
MC74VHC74MEL	On Semiconductor		SN74AHC74NSR		S	SOP-EIAJ-II	14
MC74VHC74MELG	On Semiconductor	Pb-Free	SN74AHC74NSR		S	SOP-EIAJ-II	14
MC74VHC74MG	On Semiconductor	Pb-Free	SN74AHC74NSR		S	SOP-EIAJ-II	14
MC74VHC86D	On Semiconductor		SN74AHC86D		S	SOIC	14
MC74VHC86DG	On Semiconductor	Pb-Free	SN74AHC86D		S	SOIC	14
MC74VHC86DR2	On Semiconductor		SN74AHC86DR		S	SOIC	14
MC74VHC86DR2G	On Semiconductor	Pb-Free	SN74AHC86DR		S	SOIC	14
MC74VHC86DT	On Semiconductor		SN74AHC86PW		S	TSSOP	14
MC74VHC86DTG	On Semiconductor	Pb-Free	SN74AHC86PW		S	TSSOP	14
MC74VHC86DTR2	On Semiconductor		SN74AHC86PWR		S	TSSOP	14
MC74VHC86DTR2G	On Semiconductor	Pb-Free	SN74AHC86PWR		S	TSSOP	14
MC74VHC86M	On Semiconductor		SN74AHC86NSR		S	SOP-EIAJ-II	14
MC74VHC86MEL	On Semiconductor		SN74AHC86NSR		S	SOP-EIAJ-II	14
MC74VHC86MELG	On Semiconductor	Pb-Free	SN74AHC86NSR		S	SOP-EIAJ-II	14
MC74VHC86MG	On Semiconductor	Pb-Free	SN74AHC86NSR		S	SOP-EIAJ-II	14
MC74VHCT00AD	On Semiconductor		SN74AHCT00D		S	SOIC	14
MC74VHCT00ADG	On Semiconductor	Pb-Free	SN74AHCT00D		S	SOIC	14
MC74VHCT00ADR2	On Semiconductor		SN74AHCT00DR		S	SOIC	14
MC74VHCT00ADR2G	On Semiconductor	Pb-Free	SN74AHCT00DR		S	SOIC	14
MC74VHCT00ADT	On Semiconductor		SN74AHCT00PW		S	TSSOP	14
MC74VHCT00ADTG	On Semiconductor	Pb-Free	SN74AHCT00PW		S	TSSOP	14
MC74VHCT00ADTR2	On Semiconductor		SN74AHCT00PWR		S	TSSOP	14
MC74VHCT00ADTR2G	On Semiconductor	Pb-Free	SN74AHCT00PWR		S	TSSOP	14
MC74VHCT00AM	On Semiconductor		SN74AHCT00NSR		S	SOP-EIAJ-II	14
MC74VHCT00AMEL	On Semiconductor		SN74AHCT00NSR		S	SOP-EIAJ-II	14
MC74VHCT00AMELG	On Semiconductor	Pb-Free	SN74AHCT00NSR		S	SOP-EIAJ-II	14
MC74VHCT00AMG	On Semiconductor	Pb-Free	SN74AHCT00NSR		S	SOP-EIAJ-II	14
MC74VHCT02AD	On Semiconductor		SN74AHCT02D		S	SOIC	14
MC74VHCT02ADG	On Semiconductor	Pb-Free	SN74AHCT02D		S	SOIC	14
MC74VHCT02ADR2	On Semiconductor		SN74AHCT02DR		S	SOIC	14
MC74VHCT02ADR2G	On Semiconductor	Pb-Free	SN74AHCT02DR		S	SOIC	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74VHCT02ADT	On Semiconductor		SN74AHCT02PW		S	TSSOP	14
MC74VHCT02ADTG	On Semiconductor	Pb-Free	SN74AHCT02PW		S	TSSOP	14
MC74VHCT02ADTR2	On Semiconductor		SN74AHCT02PWR		S	TSSOP	14
MC74VHCT02ADTR2G	On Semiconductor	Pb-Free	SN74AHCT02PWR		S	TSSOP	14
MC74VHCT04AD	On Semiconductor		SN74AHCT04D		S	SOIC	14
MC74VHCT04ADG	On Semiconductor	Pb-Free	SN74AHCT04D		S	SOIC	14
MC74VHCT04ADR2	On Semiconductor		SN74AHCT04DR		S	SOIC	14
MC74VHCT04ADR2G	On Semiconductor	Pb-Free	SN74AHCT04DR		S	SOIC	14
MC74VHCT04ADT	On Semiconductor		SN74AHCT04PW		S	TSSOP	14
MC74VHCT04ADTG	On Semiconductor	Pb-Free	SN74AHCT04PW		S	TSSOP	14
MC74VHCT04ADTR2	On Semiconductor		SN74AHCT04PWR		S	TSSOP	14
MC74VHCT04ADTR2G	On Semiconductor	Pb-Free	SN74AHCT04PWR		S	TSSOP	14
MC74VHCT04AM	On Semiconductor		SN74AHCT04NSR		S	SOEIAJ	14
MC74VHCT04AMEL	On Semiconductor		SN74AHCT04NSR		S	SOP-EIAJ-II	14
MC74VHCT04AMELG	On Semiconductor	Pb-Free	SN74AHCT04NSR		S	SOP-EIAJ-II	14
MC74VHCT04AMG	On Semiconductor		SN74AHCT04NSR		S	SOEIAJ	14
MC74VHCT08AD	On Semiconductor		SN74AHCT08D		S	SOIC	14
MC74VHCT08ADG	On Semiconductor	Pb-Free	SN74AHCT08D		S	SOIC	14
MC74VHCT08ADR2	On Semiconductor		SN74AHCT08DR		S	SOIC	14
MC74VHCT08ADR2G	On Semiconductor	Pb-Free	SN74AHCT08DR		S	SOIC	14
MC74VHCT08ADT	On Semiconductor		SN74AHCT08PW		S	TSSOP	14
MC74VHCT08ADTG	On Semiconductor	Pb-Free	SN74AHCT08PW		S	TSSOP	14
MC74VHCT08ADTR2	On Semiconductor		SN74AHCT08PWR		S	TSSOP	14
MC74VHCT08ADTR2G	On Semiconductor	Pb-Free	SN74AHCT08PWR		S	TSSOP	14
MC74VHCT125AD	On Semiconductor		SN74LV125ATD		S	SOIC	14
MC74VHCT125ADG	On Semiconductor	Pb-Free	SN74LV125ATD		S	SOIC	14
MC74VHCT125ADR2	On Semiconductor		SN74LV125ATDR		S	SOIC	14
MC74VHCT125ADR2G	On Semiconductor	Pb-Free	SN74LV125ATDR		S	SOIC	14
MC74VHCT125ADT	On Semiconductor		SN74LV125ATPW		S	TSSOP	14
MC74VHCT125ADTG	On Semiconductor	Pb-Free	SN74LV125ATPW		S	TSSOP	14
MC74VHCT125ADTR2	On Semiconductor		SN74LV125ATPWR		S	TSSOP	14
MC74VHCT125ADTR2G	On Semiconductor	Pb-Free	SN74LV125ATPWR		S	TSSOP	14
MC74VHCT126AD	On Semiconductor		SN74AHCT126D		S	SOIC	14
MC74VHCT126ADG	On Semiconductor	Pb-Free	SN74AHCT126D		S	SOIC	14
MC74VHCT126ADR2	On Semiconductor		SN74AHCT126DR		S	SOIC	14
MC74VHCT126ADR2G	On Semiconductor	Pb-Free	SN74AHCT126DR		S	SOIC	14
MC74VHCT126ADT	On Semiconductor		SN74AHCT126PW		S	TSSOP	14
MC74VHCT126ADTG	On Semiconductor	Pb-Free	SN74AHCT126PW		S	TSSOP	14
MC74VHCT126ADTR2	On Semiconductor		SN74AHCT126PWR		S	TSSOP	14
MC74VHCT126ADTR2G	On Semiconductor	Pb-Free	SN74AHCT126PWR		S	TSSOP	14
MC74VHCT132AD	On Semiconductor		SN74AHCT132D		S	SOIC	14
MC74VHCT132ADG	On Semiconductor	Pb-Free	SN74AHCT132D		S	SOIC	14
MC74VHCT132ADR2	On Semiconductor		SN74AHCT132DR		S	SOIC	14
MC74VHCT132ADR2G	On Semiconductor	Pb-Free	SN74AHCT132DR		S	SOIC	14
MC74VHCT132ADT	On Semiconductor		SN74AHCT132PWR		S	TSSOP	14
MC74VHCT132ADTG	On Semiconductor	Pb-Free	SN74AHCT132PWR		S	TSSOP	14
MC74VHCT132ADTR2	On Semiconductor		SN74AHCT132PWR		S	TSSOP	14
MC74VHCT132ADTR2G	On Semiconductor	Pb-Free	SN74AHCT132PWR		S	TSSOP	14
MC74VHCT138AD	On Semiconductor		SN74LV138ATD		S	SOIC	16
MC74VHCT138ADG	On Semiconductor	Pb-Free	SN74LV138ATD		S	SOIC	16
MC74VHCT138ADR2	On Semiconductor		SN74LV138ATDR		S	SOIC	16
MC74VHCT138ADR2G	On Semiconductor	Pb-Free	SN74LV138ATDR		S	SOIC	16
MC74VHCT138ADT	On Semiconductor		SN74LV138ATPW		S	TSSOP	16
MC74VHCT138ADTG	On Semiconductor	Pb-Free	SN74LV138ATPW		S	TSSOP	16
MC74VHCT138ADTR2	On Semiconductor		SN74LV138ATPWR		S	TSSOP	16
MC74VHCT138ADTR2G	On Semiconductor	Pb-Free	SN74LV138ATPWR		S	TSSOP	16
MC74VHCT138AM	On Semiconductor		SN74LV138ATNSR		S	SOP	16
MC74VHCT138AMEL	On Semiconductor		SN74LV138ATNSR		S	SOP-EIAJ-II	16
MC74VHCT138AMELG	On Semiconductor	Pb-Free	SN74LV138ATNSR		S	SOP-EIAJ-II	16
MC74VHCT138AMG	On Semiconductor		SN74LV138ATNSR		S	SOP	16
MC74VHCT139AD	On Semiconductor		SN74AHCT139D		S	SOIC	16
MC74VHCT139ADG	On Semiconductor	Pb-Free	SN74AHCT139D		S	SOIC	16
MC74VHCT139ADR2	On Semiconductor		SN74AHCT139DR		S	SOIC	16
MC74VHCT139ADR2G	On Semiconductor	Pb-Free	SN74AHCT139DR		S	SOIC	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74VHCT139ADT	On Semiconductor		SN74AHCT139PW		S	TSSOP	16
MC74VHCT139ADTG	On Semiconductor	Pb-Free	SN74AHCT139PW		S	TSSOP	16
MC74VHCT139ADTR2	On Semiconductor		SN74AHCT139PWR		S	TSSOP	16
MC74VHCT139ADTR2G	On Semiconductor	Pb-Free	SN74AHCT139PWR		S	TSSOP	16
MC74VHCT14AD	On Semiconductor		SN74AHCT14D		S	SOIC	14
MC74VHCT14ADG	On Semiconductor	Pb-Free	SN74AHCT14D		S	SOIC	14
MC74VHCT14ADR2	On Semiconductor		SN74AHCT14DR		S	SOIC	14
MC74VHCT14ADR2G	On Semiconductor	Pb-Free	SN74AHCT14DR		S	SOIC	14
MC74VHCT14ADT	On Semiconductor		SN74AHCT14PW		S	TSSOP	14
MC74VHCT14ADTG	On Semiconductor	Pb-Free	SN74AHCT14PW		S	TSSOP	14
MC74VHCT14ADTR2	On Semiconductor		SN74AHCT14PWR		S	TSSOP	14
MC74VHCT14ADTR2G	On Semiconductor	Pb-Free	SN74AHCT14PWR		S	TSSOP	14
MC74VHCT157AD	On Semiconductor		SN74AHCT157D		S	SOIC	16
MC74VHCT157ADG	On Semiconductor	Pb-Free	SN74AHCT157D		S	SOIC	16
MC74VHCT157ADR2	On Semiconductor		SN74AHCT157DR		S	SOIC	16
MC74VHCT157ADR2G	On Semiconductor	Pb-Free	SN74AHCT157DR		S	SOIC	16
MC74VHCT157ADT	On Semiconductor		SN74AHCT157PW		S	TSSOP	16
MC74VHCT157ADT	On Semiconductor		SN74AHCT157PWR		S	TSSOP	16
MC74VHCT157ADTG	On Semiconductor	Pb-Free	SN74AHCT157PW		S	TSSOP	16
MC74VHCT157ADTR2	On Semiconductor		SN74AHCT157PWR		S	TSSOP	16
MC74VHCT157ADTR2G	On Semiconductor	Pb-Free	SN74AHCT157PWR		S	TSSOP	16
MC74VHCT240ADT	On Semiconductor		SN74AHCT240PW		S	TSSOP	20
MC74VHCT240ADTG	On Semiconductor	Pb-Free	SN74AHCT240PW		S	TSSOP	20
MC74VHCT240ADTR2	On Semiconductor		SN74AHCT240PWR		S	TSSOP	20
MC74VHCT240ADTR2G	On Semiconductor	Pb-Free	SN74AHCT240PWR		S	TSSOP	20
MC74VHCT240ADW	On Semiconductor		SN74AHCT240DW		S	SOIC	20
MC74VHCT240ADWG	On Semiconductor	Pb-Free	SN74AHCT240DW		S	SOIC	20
MC74VHCT240ADWR2	On Semiconductor		SN74AHCT240DWR		S	SOIC	20
MC74VHCT240ADWR2G	On Semiconductor	Pb-Free	SN74AHCT240DWR		S	SOIC	20
MC74VHCT240AM	On Semiconductor		SN74AHCT240NSR		S	SOP-EIAJ-II	20
MC74VHCT240AMEL	On Semiconductor		SN74AHCT240NSR		S	SOP-EIAJ-II	20
MC74VHCT240AMELG	On Semiconductor	Pb-Free	SN74AHCT240NSR		S	SOP-EIAJ-II	20
MC74VHCT240AMG	On Semiconductor	Pb-Free	SN74AHCT240NSR		S	SOP-EIAJ-II	20
MC74VHCT244ADT	On Semiconductor	Pb-Free	SN74LV244ATPW		S	TSSOP	20
MC74VHCT244ADTG	On Semiconductor	Pb-Free	SN74LV244ATPW		S	TSSOP	20
MC74VHCT244ADTR2	On Semiconductor	Pb-Free	SN74LV244ATPWR		S	TSSOP	20
MC74VHCT244ADTR2G	On Semiconductor	Pb-Free	SN74LV244ATPWR		S	TSSOP	20
MC74VHCT244ADW	On Semiconductor	Discontinued PDN 12434, 05/09/2002	SN74LV244ATDW		S	SOIC	20
MC74VHCT244ADWR2	On Semiconductor		SN74LV244ATDWR		S	SOIC	20
MC74VHCT244ADWR2G	On Semiconductor	Pb-Free	SN74LV244ATDWR		S	SOIC	20
MC74VHCT244AM	On Semiconductor	Discontinued PDN 12434, 05/09/2002	SN74LV244ATNSR		S	SOP-EIAJ-II	20
MC74VHCT244AMEL	On Semiconductor		SN74LV244ATNSR		S	SOP-EIAJ-II	20
MC74VHCT244AMELG	On Semiconductor	Pb-Free	SN74LV244ATNSR		S	SOP-EIAJ-II	20
MC74VHCT244DT	On Semiconductor	Discontinued	SN74LV244ATPW		S	TSSOP	20
MC74VHCT244DTR2	On Semiconductor	Discontinued	SN74LV244ATPWR		S	TSSOP	20
MC74VHCT244DW	On Semiconductor	Discontinued	SN74LV244ATDW		S	SOIC	20
MC74VHCT244DWR2	On Semiconductor	Discontinued	SN74LV244ATDWR		S	SOIC	20
MC74VHCT244M	On Semiconductor	Discontinued	SN74LV244ATNSR		S	SOP-EIAJ-II	20
MC74VHCT244MEL	On Semiconductor	Discontinued	SN74LV244ATNSR		S	SOP-EIAJ-II	20
MC74VHCT245ADT	On Semiconductor	Pb-Free	SN74LV245ATPW		S	TSSOP	20
MC74VHCT245ADTG	On Semiconductor	Pb-Free	SN74LV245ATPW		S	TSSOP	20
MC74VHCT245ADTR2	On Semiconductor	Pb-Free	SN74LV245ATPWR		S	TSSOP	20
MC74VHCT245ADTR2G	On Semiconductor	Pb-Free	SN74LV245ATPWR		S	TSSOP	20
MC74VHCT245ADW	On Semiconductor		SN74LV245ATDW		S	SOIC	20
MC74VHCT245ADWG	On Semiconductor	Pb-Free	SN74LV245ATDW		S	SOIC	20
MC74VHCT245ADWR2	On Semiconductor		SN74LV245ATDWR		S	SOIC	20
MC74VHCT245ADWR2G	On Semiconductor	Pb-Free	SN74LV245ATDWR		S	SOIC	20
MC74VHCT245ADWRG	On Semiconductor	Pb-Free	SN74LV245ATDWR		S	SOIC	20
MC74VHCT245AM	On Semiconductor		SN74LV245ATNSR		S	SOIC	20
MC74VHCT245AMEL	On Semiconductor		SN74LV245ATNSR		S	SOP-EIAJ-II	20
MC74VHCT245AMELG	On Semiconductor	Pb-Free	SN74LV245ATNSR		S	SOP-EIAJ-II	20
MC74VHCT245DT	On Semiconductor	Discontinued	SN74LV245ATPW		S	TSSOP	20
MC74VHCT245DTR2	On Semiconductor	Discontinued	SN74LV245ATPWR		S	TSSOP	20
MC74VHCT245DW	On Semiconductor	Discontinued	SN74LV245ATDW		S	SOIC	20

MC74VHCT139ADT — MC74VHCT245DW

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74VHCT245DWR2	On Semiconductor	Discontinued	SN74LV245ATDWR		S	SOIC	20
MC74VHCT245M	On Semiconductor	Discontinued	SN74LV245ATNSR		S	SOP-EIAJ-II	20
MC74VHCT245MEL	On Semiconductor	Discontinued	SN74LV245ATNSR		S	SOP-EIAJ-II	20
MC74VHCT32AD	On Semiconductor		SN74AHCT32D		S	SOIC	14
MC74VHCT32ADG	On Semiconductor	Pb-Free	SN74AHCT32D		S	SOIC	14
MC74VHCT32ADR2	On Semiconductor		SN74AHCT32DR		S	SOIC	14
MC74VHCT32ADR2G	On Semiconductor	Pb-Free	SN74AHCT32DR		S	SOIC	14
MC74VHCT32ADT	On Semiconductor		SN74AHCT32PW		S	TSSOP	14
MC74VHCT32ADTG	On Semiconductor	Pb-Free	SN74AHCT32PW		S	TSSOP	14
MC74VHCT32ADTR2	On Semiconductor		SN74AHCT32PWR		S	TSSOP	14
MC74VHCT32ADTR2G	On Semiconductor	Pb-Free	SN74AHCT32PWR		S	TSSOP	14
MC74VHCT373ADT	On Semiconductor		SN74AHCT373PW		S	TSSOP	20
MC74VHCT373ADT	On Semiconductor		SN74LV373ATPW		S	TSSOP	20
MC74VHCT373ADTG	On Semiconductor		SN74LV373ATPW		S	TSSOP	20
MC74VHCT373ADTR2	On Semiconductor		SN74AHCT373PWR		S	TSSOP	20
MC74VHCT373ADTR2	On Semiconductor		SN74LV373ATPWWR		S	TSSOP	20
MC74VHCT373ADTR2G	On Semiconductor		SN74LV373ATPWWR		S	TSSOP	20
MC74VHCT373ADW	On Semiconductor		SN74AHCT373DW		S	SOIC	20
MC74VHCT373ADW	On Semiconductor		SN74AHCT373NSR		S	SOIC	20
MC74VHCT373ADW	On Semiconductor		SN74LV373ATDW		S	SOIC	20
MC74VHCT373ADWG	On Semiconductor		SN74LV373ATDW		S	SOIC	20
MC74VHCT373ADWR2	On Semiconductor		SN74AHCT373DW		S	SOIC	20
MC74VHCT373ADWR2	On Semiconductor		SN74AHCT373DWR		S	SOIC	20
MC74VHCT373ADWR2	On Semiconductor		SN74LV373ATDWR		S	SOIC	20
MC74VHCT373ADWR2G	On Semiconductor		SN74LV373ATDWR		S	SOIC	20
MC74VHCT373AM	On Semiconductor		SN74AHCT373NSR		S	SOEIAJ	20
MC74VHCT373AM	On Semiconductor		SN74LV373ATNSR		S	SOEIAJ	20
MC74VHCT373AMEL	On Semiconductor		SN74LV373ATNSR		S	SOEIAJ	20
MC74VHCT373AMELG	On Semiconductor		SN74LV373ATNSR		S	SOEIAJ	20
MC74VHCT373AMG	On Semiconductor		SN74LV373ATNSR		S	SOEIAJ	20
MC74VHCT373DT	On Semiconductor		SN74LV373ATPW		S	TSSOP	20
MC74VHCT373DTG	On Semiconductor	Pb-Free	SN74LV373ATPW		S	TSSOP	20
MC74VHCT373DTR2	On Semiconductor		SN74LV373ATPWR		S	TSSOP	20
MC74VHCT373DTR2G	On Semiconductor	Pb-Free	SN74LV373ATPWR		S	TSSOP	20
MC74VHCT373DW	On Semiconductor		SN74LV373ATDW		S	SOIC	20
MC74VHCT373DWG	On Semiconductor	Pb-Free	SN74LV373ATDW		S	SOIC	20
MC74VHCT373DWR2	On Semiconductor		SN74LV373ATDWR		S	SOIC	20
MC74VHCT373DWR2G	On Semiconductor	Pb-Free	SN74LV373ATDWR		S	SOIC	20
MC74VHCT373M	On Semiconductor		SN74LV373ATNSR		S	SOP-EIAJ-II	20
MC74VHCT373MEL	On Semiconductor		SN74LV373ATNSR		S	SOP-EIAJ-II	20
MC74VHCT373MELG	On Semiconductor	Pb-Free	SN74LV373ATNSR		S	SOP-EIAJ-II	20
MC74VHCT373MG	On Semiconductor	Pb-Free	SN74LV373ATNSR		S	SOP-EIAJ-II	20
MC74VHCT374ADT	On Semiconductor		SN74AHCT374PW		S	TSSOP	20
MC74VHCT374ADTG	On Semiconductor		SN74AHCT374PW		S	TSSOP	20
MC74VHCT374ADTR2	On Semiconductor		SN74AHCT374PWR		S	TSSOP	20
MC74VHCT374ADTR2G	On Semiconductor		SN74AHCT374PWR		S	TSSOP	20
MC74VHCT374ADW	On Semiconductor		SN74AHCT374DW		S	SOIC	20
MC74VHCT374ADWG	On Semiconductor		SN74AHCT374DW		S	SOIC	20
MC74VHCT374ADWR2	On Semiconductor		SN74AHCT374DWR		S	SOIC	20
MC74VHCT374ADWR2G	On Semiconductor		SN74AHCT374DWR		S	SOIC	20
MC74VHCT374AM	On Semiconductor		SN74AHCT374NSR		S	SOP-EIAJ-II	20
MC74VHCT374AMEL	On Semiconductor		SN74AHCT374NSR		S	SOP-EIAJ-II	20
MC74VHCT374AMELG	On Semiconductor		SN74AHCT374NSR		S	SOP-EIAJ-II	20
MC74VHCT374AMG	On Semiconductor		SN74AHCT374NSR		S	SOP-EIAJ-II	20
MC74VHCT374DT	On Semiconductor		SN74AHCT374PW		S	TSSOP	20
MC74VHCT374DTG	On Semiconductor	Pb-Free	SN74AHCT374PW		S	TSSOP	20
MC74VHCT374DTR2	On Semiconductor		SN74AHCT374PWR		S	TSSOP	20
MC74VHCT374DTR2G	On Semiconductor	Pb-Free	SN74AHCT374PWR		S	TSSOP	20
MC74VHCT374DW	On Semiconductor		SN74AHCT374DW		S	SOIC	20
MC74VHCT374DWG	On Semiconductor	Pb-Free	SN74AHCT374DW		S	SOIC	20
MC74VHCT374DWR2	On Semiconductor		SN74AHCT374DWR		S	SOIC	20
MC74VHCT374DWR2G	On Semiconductor	Pb-Free	SN74AHCT374DWR		S	SOIC	20
MC74VHCT374M	On Semiconductor		SN74AHCT374NSR		S	SOP-EIAJ-II	20
MC74VHCT374MEL	On Semiconductor		SN74AHCT374NSR		S	SOP-EIAJ-II	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74VHCT374MELG	On Semiconductor	Pb-Free	SN74AHCT374NSR		S	SOP-EIAJ-II	20
MC74VHCT374MG	On Semiconductor	Pb-Free	SN74AHCT374NSR		S	SOP-EIAJ-II	20
MC74VHCT540ADT	On Semiconductor		SN74AHCT540PW		S	TSSOP	20
MC74VHCT540ADTG	On Semiconductor	Pb-Free	SN74AHCT540PW		S	TSSOP	20
MC74VHCT540ADTR2	On Semiconductor		SN74AHCT540PWR		S	TSSOP	20
MC74VHCT540ADTR2G	On Semiconductor	Pb-Free	SN74AHCT540PWR		S	TSSOP	20
MC74VHCT540ADW	On Semiconductor		SN74AHCT540DW		S	SOIC	20
MC74VHCT540ADWG	On Semiconductor	Pb-Free	SN74AHCT540DW		S	SOIC	20
MC74VHCT540ADWR2	On Semiconductor		SN74AHCT540DWR		S	SOIC	20
MC74VHCT540ADWR2G	On Semiconductor	Pb-Free	SN74AHCT540DWR		S	SOIC	20
MC74VHCT541ADT	On Semiconductor	Pb-Free	SN74LV541ATPW		S	TSSOP	20
MC74VHCT541ADTG	On Semiconductor	Pb-Free	SN74LV541ATPW		S	TSSOP	20
MC74VHCT541ADTR2	On Semiconductor	Pb-Free	SN74LV541ATPWR		S	TSSOP	20
MC74VHCT541ADTR2G	On Semiconductor	Pb-Free	SN74LV541ATPWR		S	TSSOP	20
MC74VHCT541ADW	On Semiconductor		SN74LV541ATDW		S	SOIC	20
MC74VHCT541ADWG	On Semiconductor	Pb-Free	SN74LV541ATDW		S	SOIC	20
MC74VHCT541ADWR2	On Semiconductor		SN74LV541ATDWR		S	SOIC	20
MC74VHCT541ADWR2G	On Semiconductor	Pb-Free	SN74LV541ATDWR		S	SOIC	20
MC74VHCT541ADWRG	On Semiconductor	Pb-Free	SN74LV541ATDWR		S	SOIC	20
MC74VHCT541AM	On Semiconductor	tpd, Vs differ	SN74AHCT541NSR		S	SOP-EIAJ-II	20
MC74VHCT541AM	On Semiconductor	Discontinued	SN74LV541ATNSR		S	SOP-EIAJ-II	20
MC74VHCT541AMEL	On Semiconductor		SN74LV541ATNSR		S	SOP-EIAJ-II	20
MC74VHCT541AMELG	On Semiconductor	Pb-Free	SN74LV541ATNSR		S	SOP-EIAJ-II	20
MC74VHCT573ADT	On Semiconductor		SN74AHCT573PWR		S	TSSOP	20
MC74VHCT573ADT	On Semiconductor	Pb-Free	SN74LV573ATPW		S	TSSOP	20
MC74VHCT573ADTG	On Semiconductor	Pb-Free	SN74LV573ATPW		S	TSSOP	20
MC74VHCT573ADTR2	On Semiconductor	Pb-Free	SN74LV573ATPWR		S	TSSOP	20
MC74VHCT573ADTR2G	On Semiconductor	Pb-Free	SN74LV573ATPWR		S	TSSOP	20
MC74VHCT573ADW	On Semiconductor		SN74LV573ATDW		S	SOIC	20
MC74VHCT573ADWG	On Semiconductor	Pb-Free	SN74LV573ATDW		S	SOIC	20
MC74VHCT573ADWR2	On Semiconductor		SN74AHCT573DWR		S	SOIC	20
MC74VHCT573ADWR2	On Semiconductor		SN74LV573ATDWR		S	SOIC	20
MC74VHCT573ADWR2G	On Semiconductor	Pb-Free	SN74LV573ATDWR		S	SOIC	20
MC74VHCT573ADWRG	On Semiconductor	Pb-Free	SN74LV573ATDWR		S	SOIC	20
MC74VHCT573AM	On Semiconductor		SN74AHCT573DW		S	SOEIAJ	20
MC74VHCT573AM	On Semiconductor	Discontinued	SN74LV573ATNSR		S	SOP-EIAJ-II	20
MC74VHCT573AMEL	On Semiconductor		SN74LV573ATNSR		S	SOP-EIAJ-II	20
MC74VHCT573AMELG	On Semiconductor	Pb-Free	SN74LV573ATNSR		S	SOP-EIAJ-II	20
MC74VHCT574ADT	On Semiconductor		SN74AHCT574PW		S	TSSOP	20
MC74VHCT574ADTG	On Semiconductor	Pb-Free	SN74AHCT574PW		S	TSSOP	20
MC74VHCT574ADTR2	On Semiconductor		SN74AHCT574PWR		S	TSSOP	20
MC74VHCT574ADTR2G	On Semiconductor	Pb-Free	SN74AHCT574PWR		S	TSSOP	20
MC74VHCT574ADW	On Semiconductor		SN74AHCT574DW		S	SOIC	20
MC74VHCT574ADWG	On Semiconductor	Pb-Free	SN74AHCT574DW		S	SOIC	20
MC74VHCT574ADWR2	On Semiconductor		SN74AHCT574DWR		S	SOIC	20
MC74VHCT574ADWR2G	On Semiconductor	Pb-Free	SN74AHCT574DWR		S	SOIC	20
MC74VHCT574AM	On Semiconductor		SN74AHCT574NSR		S	SOP-EIAJ-II	20
MC74VHCT574AMEL	On Semiconductor		SN74AHCT574NSR		S	SOP-EIAJ-II	20
MC74VHCT574AMELG	On Semiconductor	Pb-Free	SN74AHCT574NSR		S	SOP-EIAJ-II	20
MC74VHCT574AMG	On Semiconductor	Pb-Free	SN74AHCT574NSR		S	SOP-EIAJ-II	20
MC74VHCT74AD	On Semiconductor		SN74AHCT74D		S	SOIC	14
MC74VHCT74ADG	On Semiconductor	Pb-Free	SN74AHCT74D		S	SOIC	14
MC74VHCT74ADR2	On Semiconductor		SN74AHCT74DR		S	SOIC	14
MC74VHCT74ADR2G	On Semiconductor	Pb-Free	SN74AHCT74DR		S	SOIC	14
MC74VHCT74ADT	On Semiconductor		SN74AHCT74PW		S	TSSOP	14
MC74VHCT74ADTG	On Semiconductor	Pb-Free	SN74AHCT74PW		S	TSSOP	14
MC74VHCT74ADTR2	On Semiconductor		SN74AHCT74PWR		S	TSSOP	14
MC74VHCT74ADTR2G	On Semiconductor	Pb-Free	SN74AHCT74PWR		S	TSSOP	14
MC74VHCT74AM	On Semiconductor		SN74AHCT74NSR		S	SOP-EIAJ-II	14
MC74VHCT74AMEL	On Semiconductor		SN74AHCT74NSR		S	SOP-EIAJ-II	14
MC74VHCT74AMELG	On Semiconductor	Pb-Free	SN74AHCT74NSR		S	SOP-EIAJ-II	14
MC74VHCT74AMG	On Semiconductor	Pb-Free	SN74AHCT74NSR		S	SOP-EIAJ-II	14
MC74VHCT86AD	On Semiconductor		SN74AHCT86D		S	SOIC	14
MC74VHCT86ADG	On Semiconductor	Pb-Free	SN74AHCT86D		S	SOIC	14

MC74VHCT374MELG — MC74VHCT86ADG

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC74VHCT86ADR2	On Semiconductor		SN74AHT86DR		S	SOIC	14
MC74VHCT86ADR2G	On Semiconductor	Pb-Free	SN74AHT86DR		S	SOIC	14
MC74VHCT86ADT	On Semiconductor		SN74AHT86PW		S	TSSOP	14
MC74VHCT86ADTG	On Semiconductor		SN74AHT86PW		S	TSSOP	14
MC74VHCT86ADTR2	On Semiconductor		SN74AHT86PWR		S	TSSOP	14
MC74VHCT86ADTR2G	On Semiconductor	Pb-Free	SN74AHT86PWR		S	TSSOP	14
MC74VHCU04D	On Semiconductor		SN74AHCU04D		S	SOIC	14
MC74VHCU04DG	On Semiconductor	Pb-Free	SN74AHCU04D		S	SOIC	14
MC74VHCU04DR2	On Semiconductor		SN74AHCU04DR		S	SOIC	14
MC74VHCU04DR2G	On Semiconductor	Pb-Free	SN74AHCU04DR		S	SOIC	14
MC74VHCU04DT	On Semiconductor		SN74AHCU04PW		S	TSSOP	14
MC74VHCU04DTG	On Semiconductor	Pb-Free	SN74AHCU04PW		S	TSSOP	14
MC74VHCU04DTR2	On Semiconductor		SN74AHCU04PWR		S	TSSOP	14
MC74VHCU04DTR2G	On Semiconductor	Pb-Free	SN74AHCU04PWR		S	TSSOP	14
MC74VHCU04M	On Semiconductor		SN74AHCU04NSR		S	SOEIAJ	14
MC74VHCU04MEL	On Semiconductor		SN74AHCU04NSR		S	SOP-EIAJ-II	14
MC74VHCU04MELG	On Semiconductor	Pb-Free	SN74AHCU04NSR		S	SOP-EIAJ-II	14
MC74VHCU04MG	On Semiconductor		SN74AHCU04NSR		S	SOEIAJ	14
MC7805ABD2T	On Semiconductor	2% tolerance, lout differs	UA7805CKTTR	5% Tolerance, lout higher	S	TO-263/DDPAK	3
MC7805ABD2TG	On Semiconductor	Pb-Free, 2% tolerance, lout differs	UA7805CKTTR	5% Tolerance, lout higher	S	TO-263/DDPAK	3
MC7805ABD2TR4	On Semiconductor	2% tolerance, lout differs	UA7805CKTTR	5% Tolerance, lout higher	S	TO-263/DDPAK	3
MC7805ABD2TR4G	On Semiconductor	Pb-Free, 2% tolerance, lout differs	UA7805CKTTR	5% Tolerance, lout higher	S	TO-263/DDPAK	3
MC7805ABT	On Semiconductor	2% tolerance, lout differs	UA7805CKCS	5% Tolerance, lout higher	S	TO-220	3
MC7805ABTG	On Semiconductor	Pb-Free, 2% tolerance, lout differs	UA7805CKCS	5% Tolerance, lout higher	S	TO-220	3
MC7805ACD2T	On Semiconductor	2% tolerance, lout differs	UA7805CKTTR	5% Tolerance, lout higher	S	TO-263/DDPAK	3
MC7805ACD2TG	On Semiconductor	Pb-Free, 2% tolerance, lout differs	UA7805CKTTR	5% Tolerance, lout higher	S	TO-263/DDPAK	3
MC7805ACD2TR4	On Semiconductor	2% tolerance, lout differs	UA7805CKTTR	5% Tolerance, lout higher	S	TO-263/DDPAK	3
MC7805ACD2TR4G	On Semiconductor	Pb-Free, 2% tolerance, lout differs	UA7805CKTTR	5% Tolerance, lout higher	S	TO-263/DDPAK	3
MC7805ACT	Fairchild Semiconductor	lout differs	UA7805CKCS		S	TO-220	3
MC7805ACT	On Semiconductor	2% tolerance, lout differs	UA7805CKCS	5% Tolerance, lout higher	S	TO-220	3
MC7805ACTBU	Fairchild Semiconductor	lout differs	UA7805CKCS		S	TO-220	3
MC7805ACTG	On Semiconductor	Pb-Free, 2% tolerance, lout differs	UA7805CKCS	5% Tolerance, lout higher	S	TO-220	3
MC7805AECT	Fairchild Semiconductor	lout differs	UA7805CKCS		S	TO-220	3
MC7805AECTBU	Fairchild Semiconductor	lout differs	UA7805CKCS		S	TO-220	3
MC7805BD2T	On Semiconductor	lout differs	UA7805CKTTR	5% Tolerance, lout higher	S	TO-263/DDPAK	3
MC7805BD2TG	On Semiconductor	Pb-Free, lout differs	UA7805CKTTR	5% Tolerance, lout higher	S	TO-263/DDPAK	3
MC7805BD2TR4	On Semiconductor	lout differs	UA7805CKTTR	5% Tolerance, lout higher	S	TO-263/DDPAK	3
MC7805BD2TR4G	On Semiconductor	Pb-Free, lout differs	UA7805CKTTR	5% Tolerance, lout higher	S	TO-263/DDPAK	3
MC7805BT	On Semiconductor	lout differs	UA7805CKCS	5% Tolerance, lout higher	S	TO-220	3
MC7805BTG	On Semiconductor	Pb-Free, lout differs	UA7805CKCS	5% Tolerance, lout higher	S	TO-220	3
MC7805CD2T	On Semiconductor	lout differs	UA7805CKTTR	5% Tolerance, lout higher	S	TO-263/DDPAK	3
MC7805CD2TG	On Semiconductor	Pb-Free, lout differs	UA7805CKTTR	5% Tolerance, lout higher	S	TO-263/DDPAK	3
MC7805CD2TR4	On Semiconductor	lout differs	UA7805CKTTR	5% Tolerance, lout higher	S	TO-263/DDPAK	3
MC7805CD2TR4G	On Semiconductor	Pb-Free, lout differs	UA7805CKTTR	5% Tolerance, lout higher	S	TO-263/DDPAK	3
MC7805CT	On Semiconductor	lout differs	UA7805CKCS	5% Tolerance, lout higher	S	TO-220	3
MC7805CTG	On Semiconductor	Pb-Free, lout differs	UA7805CKCS	5% Tolerance, lout higher	S	TO-220	3
MC7805ECT	Fairchild Semiconductor	lout differs	UA7805CKCS		S	TO-220	3
MC7805ECTBU	Fairchild Semiconductor	lout differs	UA7805CKCS		S	TO-220	3
MC7808ACT	On Semiconductor	lout differs	UA7808CKCS		S	TO-220	3
MC7808ACT	Fairchild Semiconductor	lout differs	UA7808CKCS		S	TO-220	3
MC7808ACTBU	Fairchild Semiconductor	lout differs	UA7808CKCS		S	TO-220	3
MC7808AECT	Fairchild Semiconductor	lout differs	UA7808CKCS		S	TO-220	3
MC7808AECTBU	Fairchild Semiconductor	lout differs	UA7808CKCS		S	TO-220	3
MC7808BT	On Semiconductor	lout differs	UA7808CKCS		S	TO-220	3
MC7808CT	Fairchild Semiconductor	lout differs	UA7808CKCS		S	TO-220	3
MC7808CT	On Semiconductor	lout differs	UA7808CKCS		S	TO-220	3
MC7808CTBU	Fairchild Semiconductor	lout differs	UA7808CKCS		S	TO-220	3
MC7808ECT	Fairchild Semiconductor	lout differs	UA7808CKCS		S	TO-220	3
MC7808ECTBU	Fairchild Semiconductor	lout differs	UA7808CKCS		S	TO-220	3
MC7810ACT	Fairchild Semiconductor		UA7810CKCS	Ti is 5%, FSC is 4%	S	TO-220	3
MC7810AECT	Fairchild Semiconductor		UA7810CKCS	Ti is 5%, FSC is 4%	S	TO-220	3
MC7810CT	Fairchild Semiconductor		UA7810CKCS		S	TO-220	3
MC7810CTBU	Fairchild Semiconductor		UA7810CKCS		S	TO-220	3
MC7810ECT	Fairchild Semiconductor		UA7810CKCS		S	TO-220	3

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC7810ECTBU	Fairchild Semiconductor		UA7810CKCS		S	TO-220	3
MC7812ACT	On Semiconductor	lout differs	UA7812CKCS		S	TO-220	3
MC7812ACT	Fairchild Semiconductor		UA7812CKCS	TI is 5%, FSC is 4%	S	TO-220	3
MC7812ACT	Fairchild Semiconductor	lout differs	UA7812CKCSE3		S	TO-220	3
MC7812ACTBU	Fairchild Semiconductor		UA7812CKCS	TI is 5%, FSC is 4%	S	TO-220	3
MC7812ACTBU	Fairchild Semiconductor	lout differs	UA7812CKCSE3		S	TO-220	3
MC7812AECT	Fairchild Semiconductor		UA7812CKCS	TI is 5%, FSC is 4%	S	TO-220	3
MC7812AECT	Fairchild Semiconductor	lout differs	UA7812CKCSE3		S	TO-220	3
MC7812AECTBU	Fairchild Semiconductor		UA7812CKCS	TI is 5%, FSC is 4%	S	TO-220	3
MC7812AECTBU	Fairchild Semiconductor	lout differs	UA7812CKCSE3		S	TO-220	3
MC7812BT	On Semiconductor	lout differs	UA7812CKCS		S	TO-220	3
MC7812CT	Fairchild Semiconductor	lout differs	UA7812CKCS		S	TO-220	3
MC7812CT	On Semiconductor	lout differs	UA7812CKCS		S	TO-220	3
MC7812CTBU	Fairchild Semiconductor	lout differs	UA7812CKCS		S	TO-220	3
MC7812ECT	Fairchild Semiconductor	lout differs	UA7812CKCS		S	TO-220	3
MC7812ECTBU	Fairchild Semiconductor	lout differs	UA7812CKCS		S	TO-220	3
MC7815ABT	On Semiconductor		UA7815CKCS		S	TO-220	3
MC7815ACT	On Semiconductor		UA7815CKCS		S	TO-220	3
MC7815AECT	Fairchild Semiconductor	lout differs	UA7815CKCS		S	TO-220	3
MC7815AECTBU	Fairchild Semiconductor	lout differs	UA7815CKCS		S	TO-220	3
MC7815BT	On Semiconductor		UA7815CKCS		S	TO-220	3
MC7815CT	Fairchild Semiconductor		UA7815CKCS		S	TO-220	3
MC7815CT	On Semiconductor		UA7815CKCS		S	TO-220	3
MC7815CTBU	Fairchild Semiconductor	lout differs	UA7815CKCS		S	TO-220	3
MC7815ECT	Fairchild Semiconductor	lout differs	UA7815CKCS		S	TO-220	3
MC7815ECTBU	Fairchild Semiconductor	lout differs	UA7815CKCS		S	TO-220	3
MC7824ACT	On Semiconductor	lout differs	UA7824CKCS		S	TO-220	3
MC7824ACT	Fairchild Semiconductor		UA7824CKCS	TI is 5%, FSC is 4%	S	TO-220	3
MC7824AECT	Fairchild Semiconductor	Vin max 40V	UA7824CKCS	Vin max 38V, TI is 5%, FSC is 4%	S	TO-220	3
MC7824BT	On Semiconductor	lout differs	UA7824CKCS		S	TO-220	3
MC7824CT	Fairchild Semiconductor		UA7824CKCS		S	TO-220	3
MC7824CT	On Semiconductor	lout differs	UA7824CKCS		S	TO-220	3
MC7824CTBU	Fairchild Semiconductor		UA7824CKCS		S	TO-220	3
MC7824ECT	Fairchild Semiconductor		UA7824CKCS		S	TO-220	3
MC7824ECTBU	Fairchild Semiconductor		UA7824CKCS		S	TO-220	3
MC78L05AACP	Fairchild Semiconductor		UA78L05ACLPRE3		S	TO-92	3
MC78L05AACP	Fairchild Semiconductor		UA78L05AILPE3		S	TO-92	3
MC78L05AACPXA	Fairchild Semiconductor		UA78L05ACL PME3		S	TO-92	3
MC78L05ABD	Fairchild Semiconductor		UA78L05AID		S	SOIC	8
MC78L05ABDX	Fairchild Semiconductor		UA78L05AIDR		S	SOIC	8
MC78L05ABP	On Semiconductor		UA78L05ACLPE3		S	TO-92	3
MC78L05ABP	On Semiconductor		UA78L05ACL PME3		S	TO-92	3
MC78L05ABP	Fairchild Semiconductor		UA78L05AILPE3		S	TO-92	3
MC78L05ABP	On Semiconductor		UA78L05AILPE3		S	TO-92	3
MC78L05ABPG	On Semiconductor		UA78L05AILPE3		S	TO-92	3
MC78L05ABPRA	On Semiconductor		UA78L05ACLPRE3		S	TO-92	3
MC78L05ABPRA	On Semiconductor		UA78L05AILPRE3		S	TO-92	3
MC78L05ABPRAG	On Semiconductor		UA78L05AILPRE3		S	TO-92	3
MC78L05ABPRE	On Semiconductor		UA78L05AILPRE3		S	TO-92	3
MC78L05ABPREG	On Semiconductor		UA78L05AILPRE3		S	TO-92	3
MC78L05ABPRM	On Semiconductor		UA78L05AILPRE3		S	TO-92	3
MC78L05ABPRMG	On Semiconductor		UA78L05AILPRE3		S	TO-92	3
MC78L05ABPX	Fairchild Semiconductor		UA78L05AILPRE3		S	TO-92	3
MC78L05ABPXA	Fairchild Semiconductor		UA78L05AILPRE3		S	TO-92	3
MC78L05ACD	Fairchild Semiconductor		UA78L05ACD		S	SOIC	8
MC78L05ACD	On Semiconductor		UA78L05ACD		S	SOIC	8
MC78L05ACDX	Fairchild Semiconductor		UA78L05ACDR		S	SOIC	8
MC78L05ACHX	Fairchild Semiconductor		UA78L05ACPK		S	SOT-89	3
MC78L05ACP	Fairchild Semiconductor		UA78L05ACLP		S	TO-92	3
MC78L05ACP	Fairchild Semiconductor		UA78L05ACLPE3		S	TO-92	3
MC78L05ACP	Fairchild Semiconductor		UA78L05ACLPE3		S	TO-92	3
MC78L05ACP	On Semiconductor		UA78L05ACLPE3		S	TO-92	3
MC78L05ACP	On Semiconductor		UA78L05ACL PME3		S	TO-92	3
MC78L05ACP	Fairchild Semiconductor		UA78L05AILPE3		S	TO-92	3

MC7810ECTBU — MC78L05ACP

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC78L05ACP	On Semiconductor		UA78L05AILPE3		S	TO-92	3
MC78L05ACPG	On Semiconductor		UA78L05ACLPE3		S	TO-92	3
MC78L05ACPRA	On Semiconductor		UA78L05ACLPRE3		S	TO-92	3
MC78L05ACPRA	On Semiconductor		UA78L05ACLPRE3		S	TO-92	3
MC78L05ACPRE	On Semiconductor		UA78L05ACLPRE3		S	TO-92	3
MC78L05ACPREG	On Semiconductor		UA78L05ACLPRE3		S	TO-92	3
MC78L05ACPRM	On Semiconductor		UA78L05ACLPE3		S	TO-92	3
MC78L05ACPRMG	On Semiconductor		UA78L05ACLPE3		S	TO-92	3
MC78L05ACPRP	On Semiconductor		UA78L05ACLPE3		S	TO-92	3
MC78L05ACPRPG	On Semiconductor		UA78L05ACLPE3		S	TO-92	3
MC78L05ACPX	Fairchild Semiconductor		UA78L05ACLPE3		S	TO-92	3
MC78L05ACPXA	Fairchild Semiconductor		UA78L05ACLPE3		S	TO-92	3
MC78L08ABD	On Semiconductor		UA78L08ACD		S	SOIC	8
MC78L08ABP	On Semiconductor		UA78L08ACLPE3		S	TO-92	3
MC78L08ACD	On Semiconductor		UA78L08ACD		S	SOIC	8
MC78L08ACD	On Semiconductor		UA78L08CD		S	SOIC	8
MC78L08ACD	Fairchild Semiconductor		UA78L08ACD		S	SOIC	8
MC78L08ACDR2	On Semiconductor		UA78L08ACDR		S	SOIC	8
MC78L08ACDX	Fairchild Semiconductor		UA78L08ACDR		S	SOIC	8
MC78L08ACHX	Fairchild Semiconductor		UA78L08ACP		S	SOT-89	3
MC78L08ACP	On Semiconductor		UA78L08ACLPE3		S	TO-92	3
MC78L08ACP	Fairchild Semiconductor		UA78L08ACLPE3		S	TO-92	3
MC78L08ACPX	Fairchild Semiconductor		UA78L08ACLPE3		S	TO-92	3
MC78L08ACPXA	Fairchild Semiconductor		UA78L08ACLPE3		S	TO-92	3
MC78L09ACD	On Semiconductor		UA78L09ACD	Max Load Regulation = 90 mV	S		
MC78L12ABD	On Semiconductor		UA78L12ACD		S	SOIC	8
MC78L12ABDR2	On Semiconductor		UA78L12ACDR		S	SOIC	8
MC78L12ABP	On Semiconductor		UA78L12ACLPE3		S	TO-92	3
MC78L12ABP	On Semiconductor		UA78L12ACLPE3		S	TO-92	3
MC78L12ABP	On Semiconductor		UA78L12ACLPE3		S	TO-92	3
MC78L12ABP	On Semiconductor		UA78L12ACLPE3		S	TO-92	3
MC78L12ABP	On Semiconductor		UA78L12ACLPE3		S	TO-92	3
MC78L12ABP	On Semiconductor		UA78L12ACLPE3		S	TO-92	3
MC78L12ACD	On Semiconductor		UA78L12ACD		S	SOIC	8
MC78L12ACDR2	On Semiconductor		UA78L12ACDR		S	SOIC	8
MC78L12ACDX	Fairchild Semiconductor		UA78L12ACDR		S	SOIC	8
MC78L12ACHX	Fairchild Semiconductor		UA78L12ACPKG3		S	SOT-89	3
MC78L12ACP	On Semiconductor		UA78L12ACLPE3		S	TO-92	3
MC78L12ACP	On Semiconductor		UA78L12ACLPE3		S	TO-92	3
MC78L12ACP	Fairchild Semiconductor		UA78L12ACLPE3		S	TO-92	3
MC78L12ACP	Fairchild Semiconductor		UA78L12ACLPE3		S	TO-92	3
MC78L12ACPRP	Fairchild Semiconductor		UA78L12ACLPE3		S	TO-92	3
MC78L12ACPX	Fairchild Semiconductor		UA78L12ACLPE3		S	TO-92	3
MC78L12ACPXA	Fairchild Semiconductor		UA78L12ACLPE3		S	TO-92	3
MC78L15ACD	On Semiconductor		UA78L15ACD		S	SOIC	8
MC78L15ACD	Fairchild Semiconductor		UA78L15ACD		S	SOIC	8
MC78L15ACDR2	On Semiconductor		UA78L15ACDR		S	SOIC	8
MC78L15ACDX	Fairchild Semiconductor		UA78L15ACDR		S	SOIC	8
MC78L15ACP	On Semiconductor		UA78L15ACLPE3		S	TO-92	3
MC78L15ACP	Fairchild Semiconductor		UA78L15ACLPE3		S	TO-92	3
MC78L15ACPX	Fairchild Semiconductor		UA78L15ACLPR		S	TO-92	3
MC78M05ABDT	On Semiconductor	Tolerance 2%, Line regulation 50mV	UA78M05IKVURG3	Tolerance 5%, Line regulation 100mV	S	TO-252 (DPAK)	2
MC78M05ABDT/RK	Fairchild Semiconductor	Discontinued, Tolerance 2%, Line regulation 50mV	UA78M05IKVURG3	Tolerance 5%, Line regulation 100mV	S	TO-252 (DPAK)	2
MC78M05ABDTG	On Semiconductor	Pb-Free, Tolerance 2%, Line regulation 50mV	UA78M05IKVURG3	Tolerance 5%, Line regulation 100mV	S	TO-252 (DPAK)	2
MC78M05ABDTRK	Fairchild Semiconductor	Discontinued, Tolerance 2%, Line regulation 50mV	UA78M05IKVURG3	Tolerance 5%, Line regulation 100mV	S	TO-252 (DPAK)	2
MC78M05ABDTRK	On Semiconductor	Tolerance 2%, Line regulation 50mV	UA78M05IKVURG3	Tolerance 5%, Line regulation 100mV	S	TO-252 (DPAK)	2
MC78M05ABDTRKG	On Semiconductor	Pb-Free, Tolerance 2%, Line regulation 50mV	UA78M05IKVURG3	Tolerance 5%, Line regulation 100mV	S	TO-252 (DPAK)	2
MC78M05ABT	On Semiconductor		UA78M05IKCS	Tolerance 5%, Line regulation 100mV	S	TO-220	3
MC78M05ABTG	On Semiconductor	Pb-Free	UA78M05IKCS	Tolerance 5%, Line regulation 100mV	S	TO-220	3
MC78M05ACDT	On Semiconductor	Tolerance 2%, Line regulation 50mV	UA78M05IKVURG3	Tolerance 5%, Line regulation 100mV	S	TO-252 (DPAK)	2
MC78M05ACDTG	On Semiconductor	Pb-Free, Tolerance 2%, Line regulation 50mV	UA78M05IKVURG3	Tolerance 5%, Line regulation 100mV	S	TO-252 (DPAK)	2
MC78M05ACDTRK	On Semiconductor	Tolerance 2%, Line regulation 50mV	UA78M05IKVURG3	Tolerance 5%, Line regulation 100mV	S	TO-252 (DPAK)	2

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC78M05ACDTRKG	On Semiconductor	Pb-Free, Tolerance 2%, Line regulation 50mV	UA78M051KVURG3	Tolerance 5%, Line regulation 100mV	S	TO-252 (DPAK)	2
MC78M05ACT	On Semiconductor		UA78M05CKCS	Tolerance 5%, Line regulation 100mV	S	TO-220	3
MC78M05ACTG	On Semiconductor	Pb-Free	UA78M05CKCS	Tolerance 5%, Line regulation 100mV	S	TO-220	3
MC78M05BDT	Fairchild Semiconductor	Discontinued	UA78M051KVURG3		S	TO-252 (DPAK)	2
MC78M05BDT	On Semiconductor		UA78M051KVURG3		S	TO-252 (DPAK)	2
MC78M05BDTRK	Fairchild Semiconductor	Discontinued	UA78M051KVURG3		S	TO-252 (DPAK)	2
MC78M05BDTRK	Fairchild Semiconductor	Discontinued	UA78M051KVURG3		S	TO-252 (DPAK)	2
MC78M05BDTRK	On Semiconductor		UA78M051KVURG3		S	TO-252 (DPAK)	2
MC78M05BT	Fairchild Semiconductor	Discontinued	UA78M051KCS		S	TO-220	3
MC78M05BT	On Semiconductor		UA78M051KCS		S	TO-220	3
MC78M05BTBU	Fairchild Semiconductor	Discontinued	UA78M051KCS		S	TO-220	3
MC78M05BTG	On Semiconductor	Pb-Free	UA78M051KCS		S	TO-220	3
MC78M05CDT	Fairchild Semiconductor	Discontinued	UA78M05CKVURG3		S	TO-252 (DPAK)	2
MC78M05CDT	On Semiconductor		UA78M05CKVURG3		S	TO-252 (DPAK)	2
MC78M05CDTRK	Fairchild Semiconductor	Discontinued	UA78M05CKVURG3		S	TO-252 (DPAK)	2
MC78M05CDTRK	On Semiconductor	Pb-Free	UA78M05CKVURG3		S	TO-252 (DPAK)	2
MC78M05CDTRK	Fairchild Semiconductor	Discontinued	UA78M05CKVURG3		S	TO-252 (DPAK)	2
MC78M05CDTRK	On Semiconductor		UA78M05CKVURG3		S	TO-252 (DPAK)	2
MC78M05CDTRKG	On Semiconductor	Pb-Free	UA78M05CKVURG3		S	TO-252 (DPAK)	2
MC78M05CDTT5	On Semiconductor		UA78M05CKVURG3		S	TO-252 (DPAK)	2
MC78M05CDTT5G	On Semiconductor	Pb-Free	UA78M05CKVURG3		S	TO-252 (DPAK)	2
MC78M05CDTX	Fairchild Semiconductor		UA78M05CKVURG3		S	TO-252 (DPAK)	2
MC78M05CDTXM	Fairchild Semiconductor	Discontinued	UA78M05CKVURG3		S	TO-252 (DPAK)	2
MC78M05CTBU	Fairchild Semiconductor	Discontinued	UA78M05CKCS		S	TO-220	3
MC78M05CTG	On Semiconductor	Pb-Free	UA78M05CKCS		S	TO-220	3
MC78M06CDTX	Fairchild Semiconductor		UA78M06CKVURG3		S	TO-252/DPAK	2
MC78M06CDTXM	Fairchild Semiconductor		UA78M06CKVURG3		S	TO-252/DPAK	2
MC78M08ABT	On Semiconductor		UA78M08CKCS		S	TO-220	3
MC78M08ACT	On Semiconductor		UA78M08CKCS		S	TO-220	3
MC78M08BT	On Semiconductor		UA78M08CKCS		S	TO-220	3
MC78M08CDTX	Fairchild Semiconductor		UA78M08CKVURG3		S	TO-252/DPAK	2
MC78M08CDTXM	Fairchild Semiconductor		UA78M08CKVURG3		S	TO-252/DPAK	2
MC78M08CT	Fairchild Semiconductor		UA78M08CKCS		S	TO-220	3
MC78M08CT	On Semiconductor		UA78M08CKCS		S	TO-220	3
MC78M08CTBU	Fairchild Semiconductor		UA78M08CKCS		S	TO-220	3
MC78M12ABT	On Semiconductor		UA78M12CKCS		S	TO-220	3
MC78M12ACT	On Semiconductor		UA78M12CKCS		S	TO-220	3
MC78M12BT	On Semiconductor		UA78M12CKCS		S	TO-220	3
MC78M12CDTX	Fairchild Semiconductor		UA78M12CKVURG3		S	TO-252/DPAK	2
MC78M12CDTXM	Fairchild Semiconductor		UA78M12CKVURG3		S	TO-252/DPAK	2
MC78M12CT	Fairchild Semiconductor		UA78M12CKCS		S	TO-220	3
MC78M12CT	On Semiconductor		UA78M12CKCS		S	TO-220	3
MC78M12CTBU	Fairchild Semiconductor		UA78M12CKCS		S	TO-220	3
MC7905ACT	On Semiconductor	lout differs	UA7905CKCS		S	TO-220	3
MC7905ACT	Fairchild Semiconductor	lout differs	UA7905CKCS		S	TO-220	3
MC7905BT	Fairchild Semiconductor		UA7905CKCS	lout=500mA	S		
MC7905CT	Fairchild Semiconductor	lout differs	UA7905CKCS		S	TO-220	3
MC7905CT	On Semiconductor	lout differs	UA7905CKCS		S	TO-220	3
MC7905CTBU	Fairchild Semiconductor	lout differs	UA7905CKCS		S	TO-220	3
MC7908CT	Fairchild Semiconductor		UA7908CKCS		S	TO-220	3
MC7908CT	On Semiconductor	lout differs	UA7908CKCS		S	TO-220	3
MC7908CT	On Semiconductor	lout differs	UA7908CKCSE3		S	TO-220	3
MC7908CT	Fairchild Semiconductor	lout differs	UA7908CKCSE3		S	TO-220	3
MC7908CTBU	Fairchild Semiconductor		UA7908CKCS		S	TO-220	3
MC7908CTBU	Fairchild Semiconductor	lout differs	UA7908CKCSE3		S	TO-220	3
MC79L05ABDR2	On Semiconductor		MC79L05ACDR		S	SOIC	8
MC79L05ABDR2	Fairchild Semiconductor		MC79L05ACDR	Dropout=2.3V typ	S		
MC79L05ABDR2G	Fairchild Semiconductor		MC79L05ACDRG4		S		
MC79L05ABP	On Semiconductor		MC79L05ACLP		S	TO-92	3
MC79L05ABP	On Semiconductor		MC79L05ACLPE3		S	TO-92	3
MC79L05ABPRA	On Semiconductor		MC79L05ACLPR		S	TO-92	3
MC79L05ABPRA	On Semiconductor		MC79L05ACLPRE3		S	TO-92	3
MC79L05ACD	On Semiconductor		MC79L05ACD		S	SOIC	8
MC79L05ACD	Fairchild Semiconductor		MC79L05ACD		S	SOIC	8

MC78M05ACDTRKG — MC79L05ACD

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC79L05ACDR2	On Semiconductor		MC79L05ACDR		S	SOIC	8
MC79L05ACDX	Fairchild Semiconductor		MC79L05ACDR		S	SOIC	8
MC79L05ACLP	Vishay Siliconix (SI)		MC79L05ACLP		S	TO-92	3
MC79L05ACLP	Vishay Siliconix (SI)		MC79L05ACLPPE3		S	TO-92	3
MC79L05ACP	On Semiconductor		MC79L05ACLP		S	TO-92	3
MC79L05ACP	On Semiconductor		MC79L05ACLP		S	TO-92	3
MC79L05ACP	Fairchild Semiconductor		MC79L05ACLP		S	TO-92/TO-226	3
MC79L05ACP	On Semiconductor		MC79L05ACLPPE3		S	TO-92	3
MC79L05ACPRA	On Semiconductor		MC79L05ACLP		S	TO-92	3
MC79L05ACPRA	On Semiconductor		MC79L05ACLPPE3		S	TO-92	3
MC79L05ACPRM	On Semiconductor		MC79L05ACLP		S	TO-92	3
MC79L05ACPRM	On Semiconductor		MC79L05ACLPPE3		S	TO-92	3
MC79L05ACPRP	On Semiconductor		MC79L05ACLP		S	TO-92	3
MC79L05ACPRP	On Semiconductor		MC79L05ACLPPE3		S	TO-92	3
MC79L05ACPX	Fairchild Semiconductor		MC79L05ACLP		S	TO-92/TO-226	3
MC79L05ACPX	Fairchild Semiconductor		MC79L05ACLPPE3		S	TO-92	3
MC79L05ACPX	Fairchild Semiconductor		MC79L05ACLP		S	TO-92	3
MC79L05ACPX	Fairchild Semiconductor		MC79L05ACLP		S	TO-92	3
MC79L05ACPX	Fairchild Semiconductor		MC79L05ACLPPE3		S	TO-92	3
MC79L12ABD	On Semiconductor		MC79L12ACD		S	SOIC	8
MC79L12ABDR2	On Semiconductor		MC79L12ACDR		S	SOIC	8
MC79L12ABP	On Semiconductor		MC79L12ACLP		S	TO-92	3
MC79L12ABP	On Semiconductor		MC79L12ACLP	Not available in magazine, use tubed	S	TO-92	3
MC79L12ABP	On Semiconductor		MC79L12ACLPPE3		S	TO-92	3
MC79L12ABP	On Semiconductor		MC79L12CLP		S	TO-92	3
MC79L12ABP	On Semiconductor		MC79L12CLPE3		S	TO-92	3
MC79L12ABPRA	On Semiconductor		MC79L12ACLP		S	TO-92	3
MC79L12ABPRA	On Semiconductor		MC79L12ACLPPE3		S	TO-92	3
MC79L12ACD	On Semiconductor		MC79L12ACD		S	SOIC	8
MC79L12ACDR2	On Semiconductor		MC79L12ACDR		S	SOIC	8
MC79L12ACLP	Vishay Siliconix (SI)		MC79L12ACLP		S	TO-92	3
MC79L12ACLP	Vishay Siliconix (SI)		MC79L12ACLPPE3		S	TO-92	3
MC79L12ACP	On Semiconductor		MC79L12ACLP		S	TO-92	3
MC79L12ACP	Fairchild Semiconductor		MC79L12ACLP		S	TO-92/TO-226	3
MC79L12ACP	On Semiconductor		MC79L12ACLP		S	TO-92	3
MC79L12ACP	On Semiconductor		MC79L12ACLPPE3		S	TO-92	3
MC79L12ACP	Fairchild Semiconductor		MC79L12ACLPPE3		S	TO-92	3
MC79L12ACP	Fairchild Semiconductor		MC79L12ACLP	Not available in magazine, use tubed	S	TO-92	3
MC79L12ACP	On Semiconductor		MC79L12CLPE3		S	TO-92	3
MC79L12ACPRA	On Semiconductor		MC79L12ACLP		S	TO-92	3
MC79L12ACPRA	On Semiconductor		MC79L12ACLPPE3		S	TO-92	3
MC79L12ACPRP	On Semiconductor		MC79L12ACLP		S	TO-92	3
MC79L12ACPRP	On Semiconductor		MC79L12ACLPPE3		S	TO-92	3
MC79L12ACPX	Fairchild Semiconductor		MC79L12ACLP		S	TO-92/TO-226	3
MC79L12ACPX	Fairchild Semiconductor		MC79L12ACLPPE3		S	TO-92	3
MC79L12ACPXA	Fairchild Semiconductor		MC79L12ACLP	Not available in magazine, use tubed	S	TO-92	3
MC79L12ACPXA	Fairchild Semiconductor		MC79L12ACLPPE3		S	TO-92	3
MC79L15ABP	On Semiconductor		MC79L15ACLP		S	TO-92	3
MC79L15ABP	On Semiconductor		MC79L15ACLP		S	TO-92	3
MC79L15ABP	On Semiconductor		MC79L15ACLPPE3		S	TO-92	3
MC79L15ABPRP	On Semiconductor		MC79L15ACLP		S	TO-92	3
MC79L15ABPRP	On Semiconductor		MC79L15ACLPPE3		S	TO-92	3
MC79L15ACLP	Vishay Siliconix (SI)		MC79L15ACLP		S	TO-92	3
MC79L15ACLP	Vishay Siliconix (SI)		MC79L15ACLPPE3		S	TO-92	3
MC79L15ACP	On Semiconductor		MC79L15ACLP		S	TO-92	3
MC79L15ACP	On Semiconductor		MC79L15ACLP		S	TO-92	3
MC79L15ACP	On Semiconductor		MC79L15ACLPPE3		S	TO-92	3
MC79L15ACPRA	On Semiconductor		MC79L15ACLP		S	TO-92	3
MC79L15ACPRA	On Semiconductor		MC79L15ACLPPE3		S	TO-92	3
MC79L15ACPRE	On Semiconductor		MC79L15ACLP		S	TO-92	3
MC79L15ACPRE	On Semiconductor		MC79L15ACLPPE3		S	TO-92	3
MC79L15ACPRP	On Semiconductor		MC79L15ACLP		S	TO-92	3
MC79L15ACPRP	On Semiconductor		MC79L15ACLPPE3		S	TO-92	3

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MC79M05BT	On Semiconductor		UA79M05CKCS		S	TO-220	3
MC79M05BTG	On Semiconductor	Pb-Free	UA79M05CKCS		S	TO-220	3
MC79M05CT	On Semiconductor		UA79M05CKCS		S	TO-220	3
MC79M05CT	Fairchild Semiconductor		UA79M05CKCS		S	TO-220	3
MC79M05CTBU	Fairchild Semiconductor		UA79M05CKCS		S	TO-220	3
MC79M05CTG	On Semiconductor	Pb-Free	UA79M05CKCS		S	TO-220	3
MCT7805BD2T	On Semiconductor	lout differs	UA7805CKTTR		S	TO-263/DDPAK	3
MCT7805BD2T	Motorola (MOT)	Discontinued	UA7805CKTTR		S	TO-263/DDPAK	3
MCT7805BT	On Semiconductor	lout differs	UA7805CKCS		S	TO-220	3
MCT7805BT	Motorola (MOT)	Discontinued	UA7805CKCS		S	TO-220	3
MCT7805CD2T	On Semiconductor	lout differs	UA7805CKTTR		S	TO-263/DDPAK	3
MCT7805CD2T	Motorola (MOT)	Discontinued	UA7805CKTTR		S	TO-263/DDPAK	3
MCT7805CT	On Semiconductor	lout differs	UA7805CKCS		S	TO-220	3
MCT7805CT	Motorola (MOT)	Discontinued	UA7805CKCS		S	TO-220	3
MCT7808BD2T	Motorola (MOT)	Discontinued	UA7808CKTTR		S	TO-263/DDPAK	3
MCT7808BD2T	On Semiconductor	lout differs	UA7808CKTTR		S	TO-263/DDPAK	3
MCT7808BT	On Semiconductor	lout differs	UA7808CKCS		S	TO-220	3
MCT7808BT	Motorola (MOT)	Discontinued	UA7808CKCS		S	TO-220	3
MCT7808CD2T	Motorola (MOT)	Discontinued	UA7808CKTTR		S	TO-263/DDPAK	3
MCT7808CD2T	On Semiconductor	lout differs	UA7808CKTTR		S	TO-263/DDPAK	3
MCT7808CT	On Semiconductor	lout differs	UA7808CKCS		S	TO-220	3
MCT7808CT	Motorola (MOT)	Discontinued	UA7808CKCS		S	TO-220	3
MCT7812BD2T	On Semiconductor	lout differs	UA7812CKTTR		S	TO-263/DDPAK	3
MCT7812BD2T	Motorola (MOT)	Discontinued	UA7812CKTTR		S	TO-263/DDPAK	3
MCT7812BT	On Semiconductor	lout differs	UA7812CKCS		S	TO-220	3
MCT7812BT	Motorola (MOT)	Discontinued	UA7812CKCS		S	TO-220	3
MCT7812CD2T	On Semiconductor	lout differs	UA7812CKTTR		S	TO-263/DDPAK	3
MCT7812CD2T	Motorola (MOT)	Discontinued	UA7812CKTTR		S	TO-263/DDPAK	3
MCT7812CT	On Semiconductor	lout differs	UA7812CKCS		S	TO-220	3
MCT7812CT	Motorola (MOT)	Discontinued	UA7812CKCS		S	TO-220	3
MCT7815BD2T	Motorola (MOT)	Discontinued	UA7815CKTTR		S	TO-263/DDPAK	3
MCT7815BD2T	On Semiconductor	lout differs	UA7815CKTTR		S	TO-263/DDPAK	3
MCT7815BT	Motorola (MOT)	Discontinued	UA7815CKCS		S	TO-220	3
MCT7815BT	On Semiconductor	lout differs	UA7815CKCS		S	TO-220	3
MCT7815CD2T	Motorola (MOT)	Discontinued	UA7815CKTTR		S	TO-263/DDPAK	3
MCT7815CD2T	On Semiconductor	lout differs	UA7815CKTTR		S	TO-263/DDPAK	3
MCT7815CT	Motorola (MOT)	Discontinued	UA7815CKCS		S	TO-220	3
MCT7815CT	On Semiconductor	lout differs	UA7815CKCS		S	TO-220	3
MCT7824BD2T	Motorola (MOT)	Discontinued	UA7824CKTTR		S	TO-263/DDPAK	3
MCT7824BD2T	On Semiconductor	lout differs	UA7824CKTTR		S	TO-263/DDPAK	3
MCT7824BT	On Semiconductor	lout differs	UA7824CKCS		S	TO-220	3
MCT7824BT	Motorola (MOT)	Discontinued	UA7824CKCS		S	TO-220	3
MCT7824CD2T	Motorola (MOT)	Discontinued	UA7824CKTTR		S	TO-263/DDPAK	3
MCT7824CD2T	On Semiconductor	lout differs	UA7824CKTTR		S	TO-263/DDPAK	3
MCT7824CT	On Semiconductor	lout differs	UA7824CKCS		S	TO-220	3
MCT7824CT	Motorola (MOT)	Discontinued	UA7824CKCS		S	TO-220	3
MIC2920A-12BT	Micrel	lout, Vout differ	TL750M05CKC		Q	TO-220	3
MIC2920A-12BT	Micrel	lout, Vout differ	TL750M10CKC		Q	TO-220	3
MIC2920A-12BT	Micrel	lout, Vout differ	TL750M10CKCE3		Q	TO-220	3
MIC2920A-12BT	Micrel	lout differs	TL750M12CKC		Q	TO-220	3
MIC2920A-3.3BT	Micrel	lout, Vin differ	TLV2217-33KCSE3		Q	TO-220	3
MIC2920A-4.8BT	Micrel	lout, Vout differ	TL750M05CKC		Q	TO-220	3
MIC2920A-5.0BT	Micrel	lout differs	TL750M05CKC		Q	TO-220	3
MIC2920A-5.0BT	Micrel	lout, Vout differ	TL750M10CKC		Q	TO-220	3
MIC2920A-5.0BT	Micrel	lout, Vout differ	TL750M10CKCE3		Q	TO-220	3
ML14002B/BCA	Lansdale Semiconductor, Inc.		7704403CA		S	DIP	
ML14002B/BCA	Lansdale Semiconductor, Inc.		CD4002BE		S	DIP	
ML14002BC1	Lansdale Semiconductor, Inc.		7704403CA		S	DIP	
ML14002BC1	Lansdale Semiconductor, Inc.		CD4002BE		S	DIP	
ML14022B/BEA	Lansdale Semiconductor, Inc.		CD4022BE		S	DIP	
ML14022BE1	Lansdale Semiconductor, Inc.		CD4022BE		S	DIP	
ML14034B/BJA	Lansdale Semiconductor, Inc.		CD4034BE		S	DIP	
ML14034BJ1	Lansdale Semiconductor, Inc.		CD4034BE		S	DIP	
ML14035B/BEA	Lansdale Semiconductor, Inc.		8101701EA		S	DIP	

MC79M05BT — ML14035B/BEA

**Replacement Codes**
**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
ML14035B/BEA	Lansdale Semiconductor, Inc.		CD4035BE		S	DIP	
ML14035BE1	Lansdale Semiconductor, Inc.		8101701EA		S	DIP	
ML14035BE1	Lansdale Semiconductor, Inc.		CD4035BE		S	DIP	
ML14068B/BCA	Lansdale Semiconductor, Inc.		CD4068BE		S	DIP	
ML14068BC1	Lansdale Semiconductor, Inc.		CD4068BE		S	DIP	
ML14078B/BCA	Lansdale Semiconductor, Inc.		7704402CA		S	DIP	
ML14078BC1	Lansdale Semiconductor, Inc.		7704402CA		S	DIP	
ML14508B/BJA	Lansdale Semiconductor, Inc.		CD4508BD3		S	DIP	
ML14508B/BJA	Lansdale Semiconductor, Inc.		CD4508BE		S	DIP	
ML14508BJ1	Lansdale Semiconductor, Inc.		CD4508BD3		S	DIP	
ML14508BJ1	Lansdale Semiconductor, Inc.		CD4508BE		S	DIP	
ML14510B/BEA	Lansdale Semiconductor, Inc.		CD4510BE		S	DIP	
ML14510BE1	Lansdale Semiconductor, Inc.		CD4510BE		S	DIP	
ML14514B/BJA	Lansdale Semiconductor, Inc.		CD4514BE		S	DIP	
ML14514BJ1	Lansdale Semiconductor, Inc.		CD4514BE		S	DIP	
ML14515B/BJA	Lansdale Semiconductor, Inc.		7703201JA		S	DIP	
ML14515B/BJA	Lansdale Semiconductor, Inc.		CD4515BE		S	DIP	
ML14515BJ1	Lansdale Semiconductor, Inc.		7703201JA		S	DIP	
ML14515BJ1	Lansdale Semiconductor, Inc.		CD4515BE		S	DIP	
ML14516B/BEA	Lansdale Semiconductor, Inc.		CD4516BE		S	DIP	
ML14516BE1	Lansdale Semiconductor, Inc.		CD4516BE		S	DIP	
ML14521B/BEA	Lansdale Semiconductor, Inc.		CD4521BE		S	DIP	
ML14521BE1	Lansdale Semiconductor, Inc.		CD4521BE		S	DIP	
ML14522B/BEA	Lansdale Semiconductor, Inc.		CD4522BE		S	DIP	
ML14522BE1	Lansdale Semiconductor, Inc.		CD4522BE		S	DIP	
ML14556B/BEA	Lansdale Semiconductor, Inc.		7704801EA		S	DIP	
ML14556B/BEA	Lansdale Semiconductor, Inc.		CD4556BE		S	DIP	
ML14556BE1	Lansdale Semiconductor, Inc.		7704801EA		S	DIP	
ML14556BE1	Lansdale Semiconductor, Inc.		CD4556BE		S	DIP	
MM74C175M	Fairchild Semiconductor	Discontinued PCN 20033403	CD40175BM	Sink and source currents differ, see data sheets	Q	SOIC	16
MM74C175MX	Fairchild Semiconductor	Discontinued PCN 20033403	CD40175BM96	Sink and source currents differ, see data sheets	Q	SOIC	16
MM74C175N	Fairchild Semiconductor	Not Recommended for New Designs	CD40175BE	Sink and source currents differ, see data sheets	Q	PDIP	16
MM74C192N	Fairchild Semiconductor	Discontinued PCN 20033403	CD40192BE		S	PDIP	16
MM74C193N	Fairchild Semiconductor	Discontinued PCN 20033403	CD40193BE		S	PDIP	16
MM74C86M	Fairchild Semiconductor	Discontinued PCN 20033403	CD4070BM96		S	SOIC	14
MM74C86MX	Fairchild Semiconductor	Discontinued PCN 20033403	CD4070BM96		S	SOIC	14
MM74C86N	Fairchild Semiconductor	Discontinued PCN 20033403	CD4070BE		S	PDIP	14
MM74HC00M	Fairchild Semiconductor		CD74HC00M		S	SOIC	14
MM74HC00M	Fairchild Semiconductor		SN74HC00D		S	SOIC	14
MM74HC00M	Fairchild Semiconductor		SN74HC00DE4		S	SOIC	14
MM74HC00M	Fairchild Semiconductor		SN74HC00DG4		S	SOIC	14
MM74HC00M_NL	Fairchild Semiconductor		SN74HC00D		S	SOIC	14
MM74HC00M_NL	Fairchild Semiconductor		SN74HC00DE4		S	SOIC	14
MM74HC00M_NL	Fairchild Semiconductor		SN74HC00DG4		S	SOIC	14
MM74HC00MTC	Fairchild Semiconductor		SN74HC00PW		S	TSSOP	14
MM74HC00MTC	Fairchild Semiconductor		SN74HC00PWG4		S	TSSOP	14
MM74HC00MTCX	Fairchild Semiconductor		SN74HC00PWR		S	TSSOP	14
MM74HC00MTCX	Fairchild Semiconductor		SN74HC00PWRG4		S	TSSOP	14
MM74HC00MTCX_NL	Fairchild Semiconductor		SN74HC00PWR		S	TSSOP	14
MM74HC00MTCX_NL	Fairchild Semiconductor		SN74HC00PWRG4		S	TSSOP	14
MM74HC00MX	Fairchild Semiconductor		CD74HC00M96		S	SOIC	14
MM74HC00MX	Fairchild Semiconductor		SN74HC00DR		S	SOIC	14
MM74HC00MX	Fairchild Semiconductor		SN74HC00DRE4		S	SOIC	14
MM74HC00MX	Fairchild Semiconductor		SN74HC00DRG4		S	SOIC	14
MM74HC00MX	Fairchild Semiconductor		SN74HC00DT		S	SOIC	14
MM74HC00MX	Fairchild Semiconductor		SN74HC00DTE4		S	SOIC	14
MM74HC00MX_NL	Fairchild Semiconductor		SN74HC00DR		S	SOIC	14
MM74HC00MX_NL	Fairchild Semiconductor		SN74HC00DRE4		S	SOIC	14
MM74HC00MX_NL	Fairchild Semiconductor		SN74HC00DRG4		S	SOIC	14
MM74HC00MX_NL	Fairchild Semiconductor		SN74HC00DT		S	SOIC	14
MM74HC00MX_NL	Fairchild Semiconductor		SN74HC00DTE4		S	SOIC	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MM74HC00N	Fairchild Semiconductor		CD74HC00E		S	PDIP	14
MM74HC00N	Fairchild Semiconductor		SN74HC00N		S	PDIP	14
MM74HC00N	Fairchild Semiconductor		SN74HC00NE4		S	PDIP	14
MM74HC00N_NL	Fairchild Semiconductor		SN74HC00N		S	PDIP	14
MM74HC00N_NL	Fairchild Semiconductor		SN74HC00NE4		S	PDIP	14
MM74HC00SJX	Fairchild Semiconductor		SN74HC00NSR		S	SOP-EIAJ-II	14
MM74HC00SJX	Fairchild Semiconductor		SN74HC00NSRE4		S	SOP-EIAJ-II	14
MM74HC00SJX	Fairchild Semiconductor		SN74HC00NSRG4		S	SOP-EIAJ-II	14
MM74HC02M	Fairchild Semiconductor		CD74HC02M		S	SOIC	14
MM74HC02M	Fairchild Semiconductor		SN74HC02D		S	SOIC	14
MM74HC02M	Fairchild Semiconductor		SN74HC02DE4		S	SOIC	14
MM74HC02M_NL	Fairchild Semiconductor		SN74HC02D		S	SOIC	14
MM74HC02M_NL	Fairchild Semiconductor		SN74HC02DE4		S	SOIC	14
MM74HC02MTC	Fairchild Semiconductor		SN74HC02PW		S	TSSOP	14
MM74HC02MTC	Fairchild Semiconductor		SN74HC02PWG4		S	TSSOP	14
MM74HC02MTCX	Fairchild Semiconductor		SN74HC02PWR		S	TSSOP	14
MM74HC02MTCX	Fairchild Semiconductor		SN74HC02PWRG4		S	TSSOP	14
MM74HC02MTCX	Fairchild Semiconductor		SN74HC02PWT		S	TSSOP	14
MM74HC02MTCX	Fairchild Semiconductor		SN74HC02PWTE4		S	TSSOP	14
MM74HC02MTCX_NL	Fairchild Semiconductor		SN74HC02PWR		S	TSSOP	14
MM74HC02MTCX_NL	Fairchild Semiconductor		SN74HC02PWRG4		S	TSSOP	14
MM74HC02MTCX_NL	Fairchild Semiconductor		SN74HC02PWT		S	TSSOP	14
MM74HC02MTCX_NL	Fairchild Semiconductor		SN74HC02PWTE4		S	TSSOP	14
MM74HC02MX	Fairchild Semiconductor		CD74HC02M96		S	SOIC	14
MM74HC02MX	Fairchild Semiconductor		SN74HC02DR		S	SOIC	14
MM74HC02MX	Fairchild Semiconductor		SN74HC02DRE4		S	SOIC	14
MM74HC02MX	Fairchild Semiconductor		SN74HC02DRG4		S	SOIC	14
MM74HC02MX	Fairchild Semiconductor		SN74HC02DTE4		S	SOIC	14
MM74HC02N	Fairchild Semiconductor		CD74HC02E		S	PDIP	14
MM74HC02N	Fairchild Semiconductor	Pb-Free	SN74HC02N		S	PDIP	14
MM74HC02N	Fairchild Semiconductor		SN74HC02NE4		S	PDIP	14
MM74HC02SJ	Fairchild Semiconductor		SN74HC02NSR		S	SOP	14
MM74HC02SJX	Fairchild Semiconductor	Pb-Free	SN74HC02NSR		S	SOP-EIAJ-II	14
MM74HC02SJX	Fairchild Semiconductor		SN74HC02NSRG4		S	SOP-EIAJ-II	14
MM74HC04M	Fairchild Semiconductor		CD74HC04M		S	SOIC	14
MM74HC04MX	Fairchild Semiconductor		CD74HC04M		S	SOIC	14
MM74HC04MX	Fairchild Semiconductor		CD74HC04M96		S	SOIC	14
MM74HC04MX	Fairchild Semiconductor		SN74HC04DR		S	SOIC	14
MM74HC08M	Fairchild Semiconductor		CD74HC08M		S	SOIC	14
MM74HC08M	Fairchild Semiconductor	tpd differs	SN74HC08D		S	SOIC	14
MM74HC08M	Fairchild Semiconductor	tpd differs	SN74HC08DE4		S	SOIC	14
MM74HC08M_NL	Fairchild Semiconductor	tpd differs	SN74HC08D		S	SOIC	14
MM74HC08MTC	Fairchild Semiconductor	tpd differs	SN74HC08PW		S	TSSOP	14
MM74HC08MTC	Fairchild Semiconductor	tpd differs	SN74HC08PWE4		S	TSSOP	14
MM74HC08MTC	Fairchild Semiconductor	tpd differs	SN74HC08PWG4		S	TSSOP	14
MM74HC08MTCX	Fairchild Semiconductor	tpd differs	SN74HC08PWR		S	TSSOP	14
MM74HC08MTCX	Fairchild Semiconductor	tpd differs	SN74HC08PWRE4		S	TSSOP	14
MM74HC08MTCX	Fairchild Semiconductor	tpd differs	SN74HC08PWRG4		S	TSSOP	14
MM74HC08MTCX_NL	Fairchild Semiconductor	tpd differs	SN74HC08PWR		S	TSSOP	14
MM74HC08MTCX_NL	Fairchild Semiconductor	tpd differs	SN74HC08PWRE4		S	TSSOP	14
MM74HC08MTCX_NL	Fairchild Semiconductor	tpd differs	SN74HC08PWRG4		S	TSSOP	14
MM74HC08MX	Fairchild Semiconductor		CD74HC08M96		S	SOIC	14
MM74HC08MX	Fairchild Semiconductor	tpd differs	SN74HC08DR		S	SOIC	14
MM74HC08MX	Fairchild Semiconductor	tpd differs	SN74HC08DRE4		S	SOIC	14
MM74HC08MX	Fairchild Semiconductor	tpd differs	SN74HC08DT		S	SOIC	14
MM74HC08MX	Fairchild Semiconductor	tpd differs	SN74HC08DTE4		S	SOIC	14
MM74HC08N	Fairchild Semiconductor		CD74HC08E		S	PDIP	14
MM74HC08N	Fairchild Semiconductor	tpd differs	SN74HC08N		S	PDIP	14
MM74HC08N	Fairchild Semiconductor	tpd differs	SN74HC08NE4		S	PDIP	14
MM74HC08N_NL	Fairchild Semiconductor	tpd differs	SN74HC08N		S	PDIP	14
MM74HC08N_NL	Fairchild Semiconductor	tpd differs	SN74HC08NE4		S	PDIP	14
MM74HC08SJ	Fairchild Semiconductor	tpd differs	SN74HC08NSR		S	SOP-EIAJ-II	14
MM74HC08SJX	Fairchild Semiconductor	tpd differs	SN74HC08NSR		S	SOP-EIAJ-II	14
MM74HC08SJX	Fairchild Semiconductor	tpd differs	SN74HC08NSRE4		S	SOP-EIAJ-II	14

MM74HC00N — MM74HC08SJX

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MM74HC08SJX	Fairchild Semiconductor	tpd differs	SN74HC08NSRG4		S	SOP-EIAJ-II	14
MM74HC11M	Fairchild Semiconductor		CD74HC11M		S	SOIC	14
MM74HC11MX	Fairchild Semiconductor		CD74HC11M96		S	SOIC	14
MM74HC11N	Fairchild Semiconductor		CD74HC11E		S	PDIP	14
MM74HC123AM	Fairchild Semiconductor		CD74HC123M		S	SOIC	16
MM74HC123AMX	Fairchild Semiconductor		CD74HC123M96		S	SOIC	16
MM74HC125M	Fairchild Semiconductor		CD74HC125M		S	SOIC	14
MM74HC125M	Fairchild Semiconductor	tpd differs	SN74HC125D		S	SOIC	14
MM74HC125MX	Fairchild Semiconductor		CD74HC125MT		S	SOIC	14
MM74HC125MX	Fairchild Semiconductor	tpd differs	SN74HC125D		S	SOIC	14
MM74HC125NX	Fairchild Semiconductor		CD74HC125E		S	PDIP	14
MM74HC126M	Fairchild Semiconductor		CD74HC126M		S	SOIC	14
MM74HC126M	Fairchild Semiconductor		SN74HC126D		S	SOIC	14
MM74HC126MX	Fairchild Semiconductor		CD74HC126M96		S	SOIC	14
MM74HC126MX	Fairchild Semiconductor		SN74HC126D		S	SOIC	14
MM74HC126NX	Fairchild Semiconductor		CD74HC126E		S	PDIP	14
MM74HC132M	Fairchild Semiconductor		CD74HC132M		S	SOIC	14
MM74HC132M	Fairchild Semiconductor	tpd differs	SN74HC132D		S	SOIC	14
MM74HC132M	Fairchild Semiconductor	tpd differs	SN74HC132DE4		S	SOIC	14
MM74HC132MTC	Fairchild Semiconductor		SN74HC132PW		S	TSSOP	14
MM74HC132MTC	Fairchild Semiconductor	tpd differs	SN74HC132PWE4		S	TSSOP	14
MM74HC132MTCX	Fairchild Semiconductor		SN74HC132PWR		S	TSSOP	14
MM74HC132MTCX	Fairchild Semiconductor	tpd differs	SN74HC132PWRE4		S	TSSOP	14
MM74HC132MTCX	Fairchild Semiconductor	tpd differs	SN74HC132PWT		S	TSSOP	14
MM74HC132MTCX	Fairchild Semiconductor	tpd differs	SN74HC132PWTE4		S	TSSOP	14
MM74HC132MX	Fairchild Semiconductor		CD74HC132M96		S	SOIC	14
MM74HC132MX	Fairchild Semiconductor	tpd differs	SN74HC132DR		S	SOIC	14
MM74HC132MX	Fairchild Semiconductor	tpd differs	SN74HC132DRE4		S	SOIC	14
MM74HC132MX	Fairchild Semiconductor	tpd differs	SN74HC132DT		S	SOIC	14
MM74HC132MX	Fairchild Semiconductor	tpd differs	SN74HC132DTE4		S	SOIC	14
MM74HC132MX_NL	Fairchild Semiconductor	tpd differs	SN74HC132DR		S	SOIC	14
MM74HC132MX_NL	Fairchild Semiconductor	tpd differs	SN74HC132DRE4		S	SOIC	14
MM74HC132MX_NL	Fairchild Semiconductor	tpd differs	SN74HC132DT		S	SOIC	14
MM74HC132MX_NL	Fairchild Semiconductor	tpd differs	SN74HC132DTE4		S	SOIC	14
MM74HC132N	Fairchild Semiconductor	Pb-Free	CD74HC132E		S	PDIP	14
MM74HC132N	Fairchild Semiconductor	tpd differs	SN74HC132N		S	PDIP	14
MM74HC132SJ	Fairchild Semiconductor	Pb-Free	SN74HC132NSR		S	SOP-EIAJ-II	14
MM74HC132SJX	Fairchild Semiconductor	Pb-Free	SN74HC132NSR		S	SOP-EIAJ-II	14
MM74HC132SJX	Fairchild Semiconductor	tpd differs	SN74HC132NSRE4		S	SOP-EIAJ-II	14
MM74HC138M	Fairchild Semiconductor		CD74HC138M		S	SOIC	16
MM74HC138MTC	Fairchild Semiconductor		SN74HC138PW		S	TSSOP	16
MM74HC138MTCX	Fairchild Semiconductor		SN74HC138PWR		S	TSSOP	16
MM74HC138MX	Fairchild Semiconductor		CD74HC138M96		S	SOIC	16
MM74HC138N	Fairchild Semiconductor	Pb-Free	CD74HC138E		S	PDIP	16
MM74HC138SJ	Fairchild Semiconductor		SN74HC138NSR		S	SOP	16
MM74HC138SJX	Fairchild Semiconductor	Pb-Free	SN74HC138NSR		S	SOP-EIAJ-II	16
MM74HC139M	Fairchild Semiconductor	Not Recommended for New Designs	CD74HC139M		S	SOIC	16
MM74HC139MTC	Fairchild Semiconductor	Not Recommended for New Designs	SN74HC139PW		S	TSSOP	16
MM74HC139MTCX	Fairchild Semiconductor	Not Recommended for New Designs	SN74HC139PWR		S	TSSOP	16
MM74HC139MX	Fairchild Semiconductor	Not Recommended for New Designs	CD74HC139M96		S	SOIC	16
MM74HC139N	Fairchild Semiconductor	Not Recommended for New Designs	CD74HC139E		S	PDIP	16
MM74HC139SJ	Fairchild Semiconductor		SN74HC139NSR		S	SOP	16
MM74HC139SJX	Fairchild Semiconductor	Discontinued PCN 20033403	SN74HC139NSR		S	SOP-EIAJ-II	16
MM74HC148M	Fairchild Semiconductor	Not Recommended for New Designs	SN74HC148D		S	SOIC	16
MM74HC148MX	Fairchild Semiconductor	Not Recommended for New Designs	SN74HC148DR		S	SOIC	16
MM74HC148N	Fairchild Semiconductor	Not Recommended for New Designs	SN74HC148N		S	PDIP	16
MM74HC14M	Fairchild Semiconductor		CD74HC14M		S	SOIC	14
MM74HC14MTC	Fairchild Semiconductor		CD74HC14PW		S	TSSOP	14
MM74HC14MTCX	Fairchild Semiconductor		CD74HC14PWR		S	TSSOP	14
MM74HC14MX	Fairchild Semiconductor		CD74HC14M96		S	SOIC	14
MM74HC14N	Fairchild Semiconductor		CD74HC14E		S	PDIP	14
MM74HC14SJ	Fairchild Semiconductor		SN74HC14NSR		S	SOP	14
MM74HC14SJX	Fairchild Semiconductor		SN74HC14NSR		S	SOP-EIAJ-II	14
MM74HC151M	Fairchild Semiconductor		CD74HC151M		S	SOIC	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MM74HC151M	Fairchild Semiconductor	tpd differs	SN74HC151D		S	SOIC	16
MM74HC151MTC	Fairchild Semiconductor		SN74HC151PW		S	TSSOP	16
MM74HC151MTCX	Fairchild Semiconductor	tpd differs	SN74HC151PWR		S	TSSOP	16
MM74HC151MTCX_NL	Fairchild Semiconductor	tpd differs	SN74HC151PWR		S	TSSOP	16
MM74HC151MX	Fairchild Semiconductor		CD74HC151M96		S	SOIC	16
MM74HC151MX	Fairchild Semiconductor	tpd differs	SN74HC151DR		S	SOIC	16
MM74HC151MX	Fairchild Semiconductor	tpd differs	SN74HC151DT		S	SOIC	16
MM74HC151MX_NL	Fairchild Semiconductor	tpd differs	SN74HC151DT		S	SOIC	16
MM74HC151N	Fairchild Semiconductor		CD74HC151E		S	PDIP	16
MM74HC151N	Fairchild Semiconductor	tpd differs	SN74HC151N		S	PDIP	16
MM74HC151SJ	Fairchild Semiconductor	tpd differs	SN74HC151NSR		S	SOP	16
MM74HC151SJX	Fairchild Semiconductor		SN74HC151NSR		S	SOP-EIAJ-II	16
MM74HC154N	Fairchild Semiconductor		CD74HC154EN		S	PDIP	24
MM74HC154WM	Fairchild Semiconductor		CD74HC154M		S	SOIC	24
MM74HC154WMX	Fairchild Semiconductor		CD74HC154M96		S	SOIC	24
MM74HC157M	Fairchild Semiconductor		CD74HC157M		S	SOIC	16
MM74HC157MTC	Fairchild Semiconductor		SN74HC157PW		S	TSSOP	16
MM74HC157MTCX	Fairchild Semiconductor		SN74HC157PWR		S	TSSOP	16
MM74HC157MTCX	Fairchild Semiconductor		SN74HC157PWT		S	TSSOP	16
MM74HC157MX	Fairchild Semiconductor		CD74HC157M96		S	SOIC	16
MM74HC157MX	Fairchild Semiconductor		SN74HC157DT		S	SOIC	16
MM74HC157N	Fairchild Semiconductor		CD74HC157E		S	PDIP	16
MM74HC157SJ	Fairchild Semiconductor		SN74HC157NSR		S	SOP	16
MM74HC157SJX	Fairchild Semiconductor		SN74HC157NSR		S	SOP-EIAJ-II	16
MM74HC161M	Fairchild Semiconductor	Not Recommended for New Designs	CD74HC161M		S	SOIC	16
MM74HC161M	Fairchild Semiconductor	tpd differs	SN74HC161D		S	SOIC	16
MM74HC161MTC	Fairchild Semiconductor	Not Recommended for New Designs	SN74HC161PW		S	TSSOP	16
MM74HC161MTCX	Fairchild Semiconductor	Not Recommended for New Designs	SN74HC161PWR		S	TSSOP	16
MM74HC161MTCX	Fairchild Semiconductor		SN74HC161PWT		S	TSSOP	16
MM74HC161MX	Fairchild Semiconductor	Not Recommended for New Designs	CD74HC161M96		S	SOIC	16
MM74HC161MX	Fairchild Semiconductor	tpd differs	CD74HC161MT		S	SOIC	16
MM74HC161MX	Fairchild Semiconductor		SN74HC161DR		S	SOIC	16
MM74HC161MX	Fairchild Semiconductor		SN74HC161DT		S	SOIC	16
MM74HC161N	Fairchild Semiconductor	Not Recommended for New Designs	CD74HC161E		S	PDIP	16
MM74HC161N	Fairchild Semiconductor	tpd differs	SN74HC161N		S	PDIP	16
MM74HC161SJ	Fairchild Semiconductor	Not Recommended for New Designs	SN74HC161NSR		S	SOP-EIAJ-II	16
MM74HC161SJX	Fairchild Semiconductor	Discontinued PCN 20033403	SN74HC161NSR		S	SOP-EIAJ-II	16
MM74HC163M	Fairchild Semiconductor	Not Recommended for New Designs	CD74HC163M		S	SOIC	16
MM74HC163M	Fairchild Semiconductor		SN74HC163D		S	SOIC	16
MM74HC163MTC	Fairchild Semiconductor		SN74HC163PW		S	TSSOP	16
MM74HC163MTCX	Fairchild Semiconductor		SN74HC163PWR		S	TSSOP	16
MM74HC163MX	Fairchild Semiconductor	Not Recommended for New Designs	CD74HC163M96		S	SOIC	16
MM74HC163MX	Fairchild Semiconductor	tpd differs	CD74HC163MT		S	SOIC	16
MM74HC163MX	Fairchild Semiconductor		SN74HC163DR		S	SOIC	16
MM74HC163N	Fairchild Semiconductor	Not Recommended for New Designs	CD74HC163E		S	PDIP	16
MM74HC163N	Fairchild Semiconductor	tpd differs	SN74HC163N		S	PDIP	16
MM74HC163SJ	Fairchild Semiconductor	Not Recommended for New Designs	SN74HC163NSR		S	SOP-EIAJ-II	16
MM74HC163SJX	Fairchild Semiconductor	Discontinued PCN 20033403	SN74HC163NSR		S	SOP-EIAJ-II	16
MM74HC163SJX	Fairchild Semiconductor		SN74LV163ANSR		S	SOP-EIAJ-II	16
MM74HC164M	Fairchild Semiconductor	tpd differs	CD74HC164M		S	SOIC	14
MM74HC164MTCX	Fairchild Semiconductor		SN74HC164PWR		S	TSSOP	14
MM74HC164MX	Fairchild Semiconductor		CD74HC164M96		S	SOIC	14
MM74HC164MX	Fairchild Semiconductor	tpd differs	CD74HC164MT		S	SOIC	14
MM74HC164MX	Fairchild Semiconductor		SN74HC164DT		S	SOIC	14
MM74HC164MX_NL	Fairchild Semiconductor	tpd differs	CD74HC164MT		S	SOIC	14
MM74HC164MX_NL	Fairchild Semiconductor		SN74HC164DT		S	SOIC	14
MM74HC165M	Fairchild Semiconductor		CD74HC165M		S	SOIC	16
MM74HC165MTC	Fairchild Semiconductor		SN74HC165PW		S	TSSOP	16
MM74HC165MTCX	Fairchild Semiconductor		SN74HC165PWR		S	TSSOP	16
MM74HC165MX	Fairchild Semiconductor		CD74HC165M96		S	SOIC	16
MM74HC165N	Fairchild Semiconductor		CD74HC165E		S	PDIP	16
MM74HC165SJX	Fairchild Semiconductor		SN74HC165NSR		S	SOP-EIAJ-II	16
MM74HC174M	Fairchild Semiconductor		CD74HC174M		S	SOIC	16
MM74HC174M	Fairchild Semiconductor	tpd differs	CD74HC174ME4		S	SOIC	16

MM74HC151M — MM74HC174M

**Replacement Codes**
**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MM74HC174MTC	Fairchild Semiconductor		SN74HC174PW		S	TSSOP	16
MM74HC174MTCX	Fairchild Semiconductor		SN74HC174PWR		S	TSSOP	16
MM74HC174MX	Fairchild Semiconductor		CD74HC174M96		S	SOIC	16
MM74HC174MX	Fairchild Semiconductor	tpd differs	CD74HC174MTE4		S	SOIC	16
MM74HC174N	Fairchild Semiconductor		CD74HC174E		S	PDIP	16
MM74HC174SJ	Fairchild Semiconductor		SN74HC174NSR		S	SOP-EIAJ-II	16
MM74HC174SJX	Fairchild Semiconductor		SN74HC174NSR		S	SOP-EIAJ-II	16
MM74HC175M	Fairchild Semiconductor		SN74HC175D		S	SOIC	16
MM74HC175MTC	Fairchild Semiconductor		SN74HC175PW		S	TSSOP	16
MM74HC175MTCX	Fairchild Semiconductor		SN74HC175PWR		S	TSSOP	16
MM74HC175MX	Fairchild Semiconductor		SN74HC175DR		S	SOIC	16
MM74HC175N	Fairchild Semiconductor		SN74HC175N		S	PDIP	16
MM74HC175N_NL	Fairchild Semiconductor	Pb-Free	SN74HC175N		S	PDIP	16
MM74HC175SJ	Fairchild Semiconductor		SN74HC175NSR		S	SOP-EIAJ-II	16
MM74HC175SJX	Fairchild Semiconductor		SN74HC175NSR		S	SOP-EIAJ-II	16
MM74HC175SJX_NL	Fairchild Semiconductor	Pb-Free	SN74HC175NSR		S	SOP-EIAJ-II	16
MM74HC221AM	Fairchild Semiconductor	Not Recommended for New Designs	CD74HC221M		S	SOIC	16
MM74HC221AMX	Fairchild Semiconductor	Not Recommended for New Designs	CD74HC221M96		S	SOIC	16
MM74HC221AN	Fairchild Semiconductor	Not Recommended for New Designs	CD74HC221E		S	PDIP	16
MM74HC221ASJ	Fairchild Semiconductor	Not Recommended for New Designs	CD74HC221NSR		S	SOP-EIAJ-II	16
MM74HC221ASJX	Fairchild Semiconductor	Discontinued PCN 20033403	CD74HC221NSR		S	SOP-EIAJ-II	16
MM74HC240MTC	Fairchild Semiconductor		SN74HC240PW		S	TSSOP	20
MM74HC240MTCX	Fairchild Semiconductor		SN74HC240PWR		S	TSSOP	20
MM74HC240N	Fairchild Semiconductor		CD74HC240E		S	PDIP	20
MM74HC240SJ	Fairchild Semiconductor		SN74HC240NSR		S	SOP-EIAJ-II	20
MM74HC240SJX	Fairchild Semiconductor		SN74HC240NSR		S	SOP-EIAJ-II	20
MM74HC240SJX_NL	Fairchild Semiconductor	Pb-Free	SN74HC240NSR		S	SOP-EIAJ-II	20
MM74HC240WM	Fairchild Semiconductor		CD74HC240M		S	SOIC	20
MM74HC240WM	Fairchild Semiconductor		SN74HC240DW		S	SOIC	20
MM74HC240WMX	Fairchild Semiconductor		CD74HC240M96		S	SOIC	20
MM74HC244MTC	Fairchild Semiconductor		SN74HC244PW		S	TSSOP	20
MM74HC244MTCX	Fairchild Semiconductor		SN74HC244PWR		S	TSSOP	20
MM74HC244MTCX_NL	Fairchild Semiconductor	Pb-Free	SN74HC244PWR		S	TSSOP	20
MM74HC244N	Fairchild Semiconductor		SN74HC244N		S	PDIP	20
MM74HC244SJ	Fairchild Semiconductor		SN74HC244NSR		S	SOP-EIAJ-II	20
MM74HC244SJX	Fairchild Semiconductor		SN74HC244NSR		S	SOP-EIAJ-II	20
MM74HC244WM	Fairchild Semiconductor		SN74HC244DW		S	SOIC	20
MM74HC244WMX	Fairchild Semiconductor		SN74HC244DWR		S	SOIC	20
MM74HC244WMX_NL	Fairchild Semiconductor	Pb-Free	SN74HC244DWR		S	SOIC	20
MM74HC245AMTC	Fairchild Semiconductor		SN74HC245PW		S	TSSOP	20
MM74HC245AMTCX	Fairchild Semiconductor		SN74HC245PWR		S	TSSOP	20
MM74HC245AMTCX_NL	Fairchild Semiconductor	Pb-Free	SN74HC245PWR		S	TSSOP	20
MM74HC245AN	Fairchild Semiconductor		CD74HC245E		S	PDIP	20
MM74HC245ASJ	Fairchild Semiconductor	tpd differs	SN74HC245NSR		S	SOP	20
MM74HC245ASJX	Fairchild Semiconductor		SN74HC245NSR		S	SOP-EIAJ-II	20
MM74HC245ASJX_NL	Fairchild Semiconductor	Pb-Free	SN74HC245NSR		S	SOP-EIAJ-II	20
MM74HC245AWM	Fairchild Semiconductor		CD74HC245M		S	SOIC	20
MM74HC245AWMX	Fairchild Semiconductor		CD74HC245M96		S	SOIC	20
MM74HC251M	Fairchild Semiconductor		CD74HC251M		S	SOIC	16
MM74HC251M	Fairchild Semiconductor		SN74HC251D		S	SOIC	16
MM74HC251MTC	Fairchild Semiconductor		SN74HC251PW		S	TSSOP	16
MM74HC251MTCX	Fairchild Semiconductor		SN74HC251PWR		S	TSSOP	16
MM74HC251MX	Fairchild Semiconductor		CD74HC251M96		S	SOIC	16
MM74HC251MX	Fairchild Semiconductor		SN74HC251DR		S	SOIC	16
MM74HC251N	Fairchild Semiconductor		CD74HC251E		S	PDIP	16
MM74HC251N	Fairchild Semiconductor		SN74HC251N		S	PDIP	16
MM74HC251SJ	Fairchild Semiconductor		SN74HC251NSR		S	SOP	16
MM74HC251SJX	Fairchild Semiconductor		SN74HC251NSR		S	SOP-EIAJ-II	16
MM74HC259M	Fairchild Semiconductor		CD74HC259M		S	SOIC	16
MM74HC259M	Fairchild Semiconductor		SN74HC259D		S	SOP	16
MM74HC259MTC	Fairchild Semiconductor		SN74HC259PWR		S	TSSOP	16
MM74HC259MTCX	Fairchild Semiconductor		SN74HC259PWR		S	TSSOP	16
MM74HC259MX	Fairchild Semiconductor		CD74HC259M96		S	SOIC	16
MM74HC259MX	Fairchild Semiconductor		SN74HC259DR		S	SOIC	16

**Replacement Codes**

**S** - The TI device is a Direct Replacement  
**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MM74HC259N	Fairchild Semiconductor		CD74HC259E		S	PDIP	16
MM74HC259N	Fairchild Semiconductor		SN74HC259N		S	PDIP	16
MM74HC259SJ	Fairchild Semiconductor		SN74HC259NSR		S	SOP	16
MM74HC259SJX	Fairchild Semiconductor		SN74HC259NSR		S	SOP-EIAJ-II	16
MM74HC273MTC	Fairchild Semiconductor		SN74HC273PW		S	TSSOP	20
MM74HC273MTCX	Fairchild Semiconductor		SN74HC273PWR		S	TSSOP	20
MM74HC273N	Fairchild Semiconductor	tpd differs	CD74HC273E		S	PDIP	20
MM74HC273SJ	Fairchild Semiconductor	Pb-Free	SN74HC273NSR		S	SOP-EIAJ-II	20
MM74HC273SJX	Fairchild Semiconductor	Pb-Free	SN74HC273NSR		S	SOP-EIAJ-II	20
MM74HC273WM	Fairchild Semiconductor	tpd differs	CD74HC273M		S	SOIC	20
MM74HC273WM	Fairchild Semiconductor	tpd differs	CD74HC273ME4		S	SOIC	20
MM74HC273WMX	Fairchild Semiconductor	tpd differs	CD74HC273M96		S	SOIC	20
MM74HC273WMX	Fairchild Semiconductor	tpd differs	CD74HC273M96E4		S	SOIC	20
MM74HC299N	National Semiconductor (NSC)	tpd differs	CD74HC299E		S	PDIP	20
MM74HC32M	Fairchild Semiconductor		CD74HC32M		S	SOIC	14
MM74HC32M	Fairchild Semiconductor		SN74HC32D		S	SOIC	14
MM74HC32M	Fairchild Semiconductor		SN74HC32DE4		S	SOIC	14
MM74HC32MTC	Fairchild Semiconductor		SN74HC32PW		S	TSSOP	14
MM74HC32MTC	Fairchild Semiconductor		SN74HC32PWE4		S	TSSOP	14
MM74HC32MTC	Fairchild Semiconductor		SN74HC32PWG4		S	TSSOP	14
MM74HC32MTCX	Fairchild Semiconductor		SN74HC32PWR		S	TSSOP	14
MM74HC32MTCX	Fairchild Semiconductor		SN74HC32PWRE4		S	TSSOP	14
MM74HC32MTCX	Fairchild Semiconductor		SN74HC32PWRG4		S	TSSOP	14
MM74HC32MTCX_NL	Fairchild Semiconductor		SN74HC32PWR		S	TSSOP	14
MM74HC32MTCX_NL	Fairchild Semiconductor		SN74HC32PWRE4		S	TSSOP	14
MM74HC32MTCX_NL	Fairchild Semiconductor		SN74HC32PWRG4		S	TSSOP	14
MM74HC32MX	Fairchild Semiconductor		CD74HC32M96		S	SOIC	14
MM74HC32MX	Fairchild Semiconductor		SN74HC32DR		S	SOIC	14
MM74HC32MX	Fairchild Semiconductor		SN74HC32DRE4		S	SOIC	14
MM74HC32MX	Fairchild Semiconductor		SN74HC32DT		S	SOIC	14
MM74HC32MX	Fairchild Semiconductor		SN74HC32DTE4		S	SOIC	14
MM74HC32MX_NL	Fairchild Semiconductor		SN74HC32DR		S	SOIC	14
MM74HC32MX_NL	Fairchild Semiconductor		SN74HC32DRE4		S	SOIC	14
MM74HC32MX_NL	Fairchild Semiconductor		SN74HC32DT		S	SOIC	14
MM74HC32MX_NL	Fairchild Semiconductor		SN74HC32DTE4		S	SOIC	14
MM74HC32N	Fairchild Semiconductor		CD74HC32E		S	PDIP	14
MM74HC32N	Fairchild Semiconductor		SN74HC32N		S	PDIP	14
MM74HC32N	Fairchild Semiconductor		SN74HC32NE4		S	PDIP	14
MM74HC32N_NL	Fairchild Semiconductor		SN74HC32N		S	PDIP	14
MM74HC32N_NL	Fairchild Semiconductor		SN74HC32NE4		S	PDIP	14
MM74HC32SJX	Fairchild Semiconductor		SN74HC32NSR		S	SOP-EIAJ-II	14
MM74HC32SJX	Fairchild Semiconductor		SN74HC32NSRE4		S	SOP-EIAJ-II	14
MM74HC32SJX	Fairchild Semiconductor		SN74HC32NSRG4		S	SOP-EIAJ-II	14
MM74HC368J	National Semiconductor (NSC)		SN74HC368N	PDIP not CDIP	S	CDIP	16
MM74HC368N	National Semiconductor (NSC)		SN74HC368N		S	PDIP	16
MM74HC373MTC	Fairchild Semiconductor		SN74HC373PW		S	TSSOP	20
MM74HC373MTCX	Fairchild Semiconductor		SN74HC373PWR		S	TSSOP	20
MM74HC373N	Fairchild Semiconductor		CD74HC373E		S	PDIP	20
MM74HC373N	Fairchild Semiconductor		SN74HC373N		S	PDIP	20
MM74HC373SJ	Fairchild Semiconductor		SN74HC373NSR		S	SOP	20
MM74HC373SJX	Fairchild Semiconductor	Pb-Free	SN74HC373NSR		S	SOP-EIAJ-II	20
MM74HC373WM	Fairchild Semiconductor		CD74HC373M		S	SOIC	20
MM74HC373WM	Fairchild Semiconductor		SN74HC373DW		S	SOIC	20
MM74HC373WMX	Fairchild Semiconductor		CD74HC373M96		S	SOIC	20
MM74HC373WMX	Fairchild Semiconductor		SN74HC373DWR		S	SOIC	20
MM74HC374MTC	Fairchild Semiconductor		SN74HC374PWR		S	TSSOP	20
MM74HC374MTCX	Fairchild Semiconductor		SN74HC374PWR		S	TSSOP	20
MM74HC374MTCX_NL	Fairchild Semiconductor	Pb-Free	SN74HC374PWR		S	TSSOP	20
MM74HC374N	Fairchild Semiconductor		SN74HC374N		S	PDIP	20
MM74HC374N_NL	Fairchild Semiconductor	Pb-Free	SN74HC374N		S	PDIP	20
MM74HC374SJ	Fairchild Semiconductor		SN74HC374NSR		S	SOP-EIAJ-II	20
MM74HC374SJX	Fairchild Semiconductor		SN74HC374NSR		S	SOP-EIAJ-II	20
MM74HC374WM	Fairchild Semiconductor		SN74HC374DW		S	SOIC	20
MM74HC374WMX	Fairchild Semiconductor		SN74HC374DWR		S	SOIC	20

MM74HC259N — MM74HC374WMX

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MM74HC374WMX_NL	Fairchild Semiconductor	Pb-Free	SN74HC374DWR		S	SOIC	20
MM74HC393M	Fairchild Semiconductor		CD74HC393M		S	SOIC	14
MM74HC393M	Fairchild Semiconductor		SN74HC393D		S	SOIC	14
MM74HC393MTC	Fairchild Semiconductor		SN74HC393PW		S	TSSOP	14
MM74HC393MTCX	Fairchild Semiconductor		SN74HC393PWR		S	TSSOP	14
MM74HC393MX	Fairchild Semiconductor		CD74HC393M96		S	SOIC	14
MM74HC393MX	Fairchild Semiconductor		SN74HC393DR		S	SOIC	14
MM74HC393MX	Fairchild Semiconductor		SN74HC393DT		S	SOIC	14
MM74HC393N	Fairchild Semiconductor		CD74HC393E		S	PDIP	14
MM74HC393N	Fairchild Semiconductor		SN74HC393N		S	PDIP	14
MM74HC393SJ	Fairchild Semiconductor		SN74HC393NSR		S	SOP-EIAJ-II	14
MM74HC393SJX	Fairchild Semiconductor		SN74HC393NSR		S	SOP-EIAJ-II	14
MM74HC4020M	Fairchild Semiconductor	Not Recommended for New Designs	CD74HC4020M		S	SOIC	16
MM74HC4020M	Fairchild Semiconductor	tpd differs	SN74HC4020D		S	SOIC	16
MM74HC4020MTC	Fairchild Semiconductor	tpd differs	SN74HC4020PW		S	TSSOP	16
MM74HC4020MTCX	Fairchild Semiconductor	tpd differs	SN74HC4020PWR		S	TSSOP	16
MM74HC4020MX	Fairchild Semiconductor	Not Recommended for New Designs	CD74HC4020M96		S	SOIC	16
MM74HC4020MX	Fairchild Semiconductor	tpd differs	CD74HC4020MT		S	SOIC	16
MM74HC4020MX	Fairchild Semiconductor	tpd differs	SN74HC4020DR		S	SOIC	16
MM74HC4020MX	Fairchild Semiconductor	tpd differs	SN74HC4020DT		S	SOIC	16
MM74HC4020N	Fairchild Semiconductor	Not Recommended for New Designs	CD74HC4020E		S	PDIP	16
MM74HC4020N	Fairchild Semiconductor	tpd differs	SN74HC4020N		S	PDIP	16
MM74HC4020SJX	Fairchild Semiconductor	tpd differs	SN74HC4020NSR		S	SOP-EIAJ-II	16
MM74HC4040M	Fairchild Semiconductor		CD74HC4040M		S	SOIC	16
MM74HC4040MX	Fairchild Semiconductor		CD74HC4040M96		S	SOIC	16
MM74HC4040N	Fairchild Semiconductor		CD74HC4040E		S	PDIP	16
MM74HC4040SJ	Fairchild Semiconductor		CD74HC4040NSR		S	SOP-EIAJ-II	16
MM74HC4040SJX	Fairchild Semiconductor		CD74HC4040NSR		S	SOP-EIAJ-II	16
MM74HC4046M	Fairchild Semiconductor		CD74HC4046M		S	SOIC	16
MM74HC4046MTC	Fairchild Semiconductor	Operating frequency differs	CD74HC4046APWR		S	TSSOP	16
MM74HC4046MTCX	Fairchild Semiconductor		CD74HC4046APWR		S	TSSOP	16
MM74HC4046MX	Fairchild Semiconductor		CD74HC4046AM96		S	SOIC	16
MM74HC4046N	Fairchild Semiconductor		CD74HC4046AE		S	PDIP	16
MM74HC4046SJ	Fairchild Semiconductor	Operating frequency differs	CD74HC4046ANSR		S	SOP	16
MM74HC4046SJX	Fairchild Semiconductor		CD74HC4046ANSR		S	SOP-EIAJ-II	16
MM74HC4049M	Fairchild Semiconductor		CD74HC4049M		S	SOIC	16
MM74HC4049MTC	Fairchild Semiconductor		CD74HC4049PW		S	TSSOP	16
MM74HC4049MTCX	Fairchild Semiconductor		CD74HC4049PWR		S	TSSOP	16
MM74HC4049MX	Fairchild Semiconductor		CD74HC4049M96		S	SOIC	16
MM74HC4049MX	Fairchild Semiconductor		CD74HC4049MT		S	SOIC	16
MM74HC4049N	Fairchild Semiconductor		CD74HC4049E		S	PDIP	16
MM74HC4049SJ	Fairchild Semiconductor		CD74HC4049NSR		S	SOP-EIAJ-II	16
MM74HC4049SJX	Fairchild Semiconductor		CD74HC4049NSR		S	SOP-EIAJ-II	16
MM74HC4050M	Fairchild Semiconductor		CD74HC4050M		S	SOIC	16
MM74HC4050M	Fairchild Semiconductor		CD74HC4050MT		S	SOIC	16
MM74HC4050MTC	Fairchild Semiconductor		CD74HC4050PW		S	TSSOP	16
MM74HC4050MTCX	Fairchild Semiconductor		CD74HC4050PWR		S	TSSOP	16
MM74HC4050MX	Fairchild Semiconductor		CD74HC4050M96		S	SOIC	16
MM74HC4050MX	Fairchild Semiconductor		CD74HC4050MT		S	SOIC	16
MM74HC4050N	Fairchild Semiconductor		CD74HC4050E		S	PDIP	16
MM74HC4050SJ	Fairchild Semiconductor		CD74HC4050NSR		S	SOP-EIAJ-II	16
MM74HC4050SJX	Fairchild Semiconductor		CD74HC4050NSR		S	SOP-EIAJ-II	16
MM74HC4051M	Fairchild Semiconductor		CD74HC4051M		S	SOIC	16
MM74HC4051MTC	Fairchild Semiconductor	Ron, toff, ton, tpd, Vs differ	CD74HC4051PWR		S	TSSOP	16
MM74HC4051MTCX	Fairchild Semiconductor		CD74HC4051PWR		S	TSSOP	16
MM74HC4051MX	Fairchild Semiconductor		CD74HC4051M96		S	SOIC	16
MM74HC4051MX_NL	Fairchild Semiconductor	Pb-Free	CD74HC4051M96		S	SOIC	16
MM74HC4051N	Fairchild Semiconductor		CD74HC4051E		S	PDIP	16
MM74HC4051SJ	Fairchild Semiconductor	Ron, toff, ton, tpd, Vs differ	CD74HC4051NSR		S	SOP	16
MM74HC4051SJX	Fairchild Semiconductor		CD74HC4051NSR		S	SOP-EIAJ-II	16
MM74HC4051WM	Fairchild Semiconductor	Ron, toff, ton, tpd, Vs differ	CD74HC4051M	SOIC narrow package	P	SOIC	16
MM74HC4051WMX	Fairchild Semiconductor	Ron, toff, ton, tpd, Vs differ	CD74HC4051M	SOIC narrow package	P	SOIC	16
MM74HC4052M	Fairchild Semiconductor		CD74HC4052M		S	SOIC	16
MM74HC4052MTC	Fairchild Semiconductor		CD74HC4052PW		S	TSSOP	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MM74HC4052MTCX	Fairchild Semiconductor		CD74HC4052PWR		S	TSSOP	16
MM74HC4052MTCX_NL	Fairchild Semiconductor	Pb-Free	CD74HC4052PWR		S	TSSOP	16
MM74HC4052MX	Fairchild Semiconductor		CD74HC4052M96		S	SOIC	16
MM74HC4052MX_NL	Fairchild Semiconductor	Pb-Free	CD74HC4052M96		S	SOIC	16
MM74HC4052N	Fairchild Semiconductor		CD74HC4052E		S	PDIP	16
MM74HC4052SJ	Fairchild Semiconductor		CD74HC4052NSR		S	SOP-EIAJ-II	16
MM74HC4052SJX	Fairchild Semiconductor		CD74HC4052NSR		S	SOP-EIAJ-II	16
MM74HC4052SJX_NL	Fairchild Semiconductor	Pb-Free	CD74HC4052NSR		S	SOP-EIAJ-II	16
MM74HC4052WM	Fairchild Semiconductor	Ron, toff, ton, Vs differ	CD74HC4052M	SOIC narrow package	P	SOIC	16
MM74HC4052WMX	Fairchild Semiconductor	Ron, toff, ton, Vs differ	CD74HC4052M96	SOIC narrow package	P	SOIC	16
MM74HC4053MTC	Fairchild Semiconductor		CD74HC4053PW		S	TSSOP	16
MM74HC4053MTCX	Fairchild Semiconductor		CD74HC4053PWR		S	TSSOP	16
MM74HC4053MX	Fairchild Semiconductor		CD74HC4053M96		S	SOIC	16
MM74HC4053N	Fairchild Semiconductor		CD74HC4053E		S	PDIP	16
MM74HC4053SJ	Fairchild Semiconductor	Vs differs	CD74HC4053NSR		S	SOP	16
MM74HC4053SJX	Fairchild Semiconductor		CD74HC4053NSR		S	SOP-EIAJ-II	16
MM74HC4053WM	Fairchild Semiconductor		CD74HC4053M	SOIC narrow package	P	SOIC	16
MM74HC4053WMX	Fairchild Semiconductor		CD74HC4053M96	SOIC narrow package	P	SOIC	16
MM74HC4060M	Fairchild Semiconductor		CD74HC4060M		S	SOIC	16
MM74HC4060MTC	Fairchild Semiconductor		CD74HC4060PW		S	TSSOP	16
MM74HC4060MTCX	Fairchild Semiconductor		CD74HC4060PWR		S	TSSOP	16
MM74HC4060MTCX	Fairchild Semiconductor	tpd differs	SN74HC4060PWT		S	TSSOP	16
MM74HC4060MX	Fairchild Semiconductor		CD74HC4060M96		S	SOIC	16
MM74HC4060MX	Fairchild Semiconductor	tpd differs	SN74HC4060DT		S	SOIC	16
MM74HC4060N	Fairchild Semiconductor		CD74HC4060E		S	PDIP	16
MM74HC4060SJ	Fairchild Semiconductor		SN74HC4060NSR		S	SOP-EIAJ-II	16
MM74HC4060SJ	Fairchild Semiconductor	tpd differs	SN74HC4060NSR		S	SOP-EIAJ-II	16
MM74HC4060SJX	Fairchild Semiconductor		SN74HC4060NSR		S	SOP-EIAJ-II	16
MM74HC4066M	Fairchild Semiconductor		CD74HC4066M		S	SOIC	14
MM74HC4066MTC	Fairchild Semiconductor		CD74HC4066PW		S	TSSOP	14
MM74HC4066MTCX	Fairchild Semiconductor		CD74HC4066PWR		S	TSSOP	14
MM74HC4066MX	Fairchild Semiconductor		CD74HC4066M96		S	SOIC	14
MM74HC4066N	Fairchild Semiconductor		CD74HC4066E		S	PDIP	14
MM74HC4066SJ	Fairchild Semiconductor	Vs differs	SN74HC4066NSR		S	PSOP	14
MM74HC4066SJX	Fairchild Semiconductor	Vs differs	SN74HC4066NSR		S	PSOP	14
MM74HC4066WM	Fairchild Semiconductor	Ron, toff, ton, Vs differ	CD74HC4066M	SOIC narrow package	P	SOIC	14
MM74HC4066WMX	Fairchild Semiconductor	Ron, toff, ton, Vs differ	CD74HC4066M96	SOIC narrow package	P	SOIC	14
MM74HC423AM	Fairchild Semiconductor	Not Recommended for New Designs	CD74HC423M		S	SOIC	16
MM74HC423AMX	Fairchild Semiconductor	Not Recommended for New Designs	CD74HC423M96		S	SOIC	16
MM74HC423AN	Fairchild Semiconductor	Not Recommended for New Designs	CD74HC423E		S	PDIP	16
MM74HC423ASJ	Fairchild Semiconductor	Not Recommended for New Designs	CD74HC423NSR		S	SOP-EIAJ-II	16
MM74HC423ASJX	Fairchild Semiconductor	Discontinued PCN 20033403	CD74HC423NSR		S	SOP-EIAJ-II	16
MM74HC4316M	Fairchild Semiconductor		CD74HC4316M		S	SOIC	16
MM74HC4316MTC	Fairchild Semiconductor		CD74HC4316PW		S	TSSOP	16
MM74HC4316MTCX	Fairchild Semiconductor		CD74HC4316PWR		S	TSSOP	16
MM74HC4316MX	Fairchild Semiconductor		CD74HC4316M96		S	SOIC	16
MM74HC4316N	Fairchild Semiconductor		CD74HC4316E		S	PDIP	16
MM74HC4316SJ	Fairchild Semiconductor	Vs differs	CD74HC4316NSR		S	SOP	16
MM74HC4316SJX	Fairchild Semiconductor		CD74HC4316NSR		S	SOP-EIAJ-II	16
MM74HC4316WM	Fairchild Semiconductor	Ron, toff, ton, Vs differ	CD74HC4316M	SOIC narrow package	P	SOIC	16
MM74HC4316WMX	Fairchild Semiconductor	Ron, toff, ton, Vs differ	CD74HC4316M96	SOIC narrow package	P	SOIC	16
MM74HC4514N	Fairchild Semiconductor		CD74HC4514EN		S	PDIP	24
MM74HC4514WM	Fairchild Semiconductor		CD74HC4514M		S	SOIC	24
MM74HC4514WMX	Fairchild Semiconductor		CD74HC4514M96		S	SOIC	24
MM74HC4538M	Fairchild Semiconductor		CD74HC4538M		S	SOIC	16
MM74HC4538MX	Fairchild Semiconductor		CD74HC4538M96		S	SOIC	16
MM74HC4538N	Fairchild Semiconductor		CD74HC4538E		S	PDIP	16
MM74HC4538SJ	Fairchild Semiconductor	tpd differs	CD74HC4538NSR		S	SOP	16
MM74HC4538SJX	Fairchild Semiconductor		CD74HC4538NSR		S	SOP-EIAJ-II	16
MM74HC540MTC	Fairchild Semiconductor		SN74HC540PW		S	TSSOP	20
MM74HC540MTC_NL	Fairchild Semiconductor	Pb-Free	SN74HC540PW		S	TSSOP	20
MM74HC540MTCX	Fairchild Semiconductor		SN74HC540PWR		S	TSSOP	20
MM74HC540N	Fairchild Semiconductor		CD74HC540E		S	PDIP	20
MM74HC540SJ	Fairchild Semiconductor		SN74HC540NSR		S	SOP-EIAJ-II	20

MM74HC4052MTCX — MM74HC540SJ

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MM74HC540SJX	Fairchild Semiconductor		SN74HC540NSR		S	SOP-EIAJ-II	20
MM74HC540WM	Fairchild Semiconductor		CD74HC540M		S	SOIC	20
MM74HC540WM	Fairchild Semiconductor		SN74HC540DW		S	SOIC	20
MM74HC540WMX	Fairchild Semiconductor		CD74HC540M96		S	SOIC	20
MM74HC541MTC	Fairchild Semiconductor		CD74HC541PW		S	TSSOP	20
MM74HC541MTCX	Fairchild Semiconductor		CD74HC541PWWR		S	TSSOP	20
MM74HC541WM	Fairchild Semiconductor	tpd differs	SN74HC541DW		S	SOIC	20
MM74HC541WMX	Fairchild Semiconductor		CD74HC541M96		S	SOIC	20
MM74HC573MTC	Fairchild Semiconductor		SN74HC573APWR		S	TSSOP	20
MM74HC573MTCX	Fairchild Semiconductor		SN74HC573APWR		S	TSSOP	20
MM74HC573N	Fairchild Semiconductor		CD74HC573E		S	PDIP	20
MM74HC573WM	Fairchild Semiconductor		CD74HC573M		S	SOIC	20
MM74HC573WMX	Fairchild Semiconductor		CD74HC573M96		S	SOIC	20
MM74HC574MTC	Fairchild Semiconductor		SN74HC574PW		S	TSSOP	20
MM74HC574MTCX	Fairchild Semiconductor		SN74HC574PWWR		S	TSSOP	20
MM74HC574N	Fairchild Semiconductor		CD74HC574E		S	PDIP	20
MM74HC574SJ	Fairchild Semiconductor		SN74HC574NSR		S	SOP-EIAJ-II	20
MM74HC574SJX	Fairchild Semiconductor		SN74HC574NSR		S	SOP-EIAJ-II	20
MM74HC574WM	Fairchild Semiconductor		CD74HC574M		S	SOIC	20
MM74HC574WM	Fairchild Semiconductor	tpd differs	CD74HC574ME4		S	SOIC	20
MM74HC574WMX	Fairchild Semiconductor		CD74HC574M96		S	SOIC	20
MM74HC574WMX	Fairchild Semiconductor	tpd differs	CD74HC574M96E4		S	SOIC	20
MM74HC594M	Fairchild Semiconductor		SN74HC594D		S	SOIC	16
MM74HC594MX	Fairchild Semiconductor		SN74HC594DR		S	SOIC	16
MM74HC594N	Fairchild Semiconductor		SN74HC594N		S	PDIP	16
MM74HC595M	Fairchild Semiconductor		CD74HC595M		S	SOIC	16
MM74HC595M	Fairchild Semiconductor	tpd differs	SN74HC595D		S	SOIC	16
MM74HC595MTCX	Fairchild Semiconductor	tpd differs	SN74HC595PWWR		S	TSSOP	16
MM74HC595MX	Fairchild Semiconductor		CD74HC595M96		S	SOIC	16
MM74HC595MX	Fairchild Semiconductor	tpd differs	CD74HC595MT		S	SOIC	16
MM74HC595MX	Fairchild Semiconductor	tpd differs	SN74HC595DT		S	SOIC	16
MM74HC595N	Fairchild Semiconductor	tpd differs	SN74HC595N		S	PDIP	16
MM74HC595SJ	Fairchild Semiconductor	tpd differs	SN74HC595NSR		S	SOP-EIAJ-II	16
MM74HC595WMX	Fairchild Semiconductor	tpd differs	SN74HC595DR		S	SOIC	16
MM74HC595WMX	Fairchild Semiconductor	tpd differs	SN74HC595DT		S	SOIC	16
MM74HC595WMX	Fairchild Semiconductor	tpd differs	SN74HC595DWR		S	SOIC	16
MM74HC597M	Fairchild Semiconductor	Not Recommended for New Designs	CD74HC597M		S	SOIC	16
MM74HC597MX	Fairchild Semiconductor	Not Recommended for New Designs	CD74HC597M96		S	SOIC	16
MM74HC597N	Fairchild Semiconductor	Not Recommended for New Designs	CD74HC597E		S	PDIP	16
MM74HC597SJ	Fairchild Semiconductor	Not Recommended for New Designs	CD74HC597NSR		S	SOP-EIAJ-II	16
MM74HC597SJX	Fairchild Semiconductor	Discontinued PCN 20033403	CD74HC597NSR		S	SOP-EIAJ-II	16
MM74HC688MTC	Fairchild Semiconductor	tpd differs	CD74HC688PWWR		S	TSSOP	20
MM74HC688MTCX	Fairchild Semiconductor		CD74HC688PWWR		S	TSSOP	20
MM74HC688N	Fairchild Semiconductor		CD74HC688E		S	PDIP	20
MM74HC688SJ	Fairchild Semiconductor	tpd differs	CD74HC688NSR		S	SOP	20
MM74HC688SJX	Fairchild Semiconductor		CD74HC688NSR		S	SOP-EIAJ-II	20
MM74HC688WM	Fairchild Semiconductor		CD74HC688M		S	SOIC	20
MM74HC688WMX	Fairchild Semiconductor		CD74HC688M96		S	SOIC	20
MM74HC74AM	Fairchild Semiconductor		CD74HC74M		S	SOIC	14
MM74HC74AM	Fairchild Semiconductor		CD74HC74ME4		S	SOIC	14
MM74HC74AMX	Fairchild Semiconductor		CD74HC74M96		S	SOIC	14
MM74HC74AMX	Fairchild Semiconductor		CD74HC74M96E4		S	SOIC	14
MM74HC74AMX	Fairchild Semiconductor		CD74HC74MT		S	SOIC	14
MM74HC74AMX	Fairchild Semiconductor		CD74HC74MTE4		S	SOIC	14
MM74HC74AMX_NL	Fairchild Semiconductor		CD74HC74M96E4		S	SOIC	14
MM74HC74AMX_NL	Fairchild Semiconductor		CD74HC74MT		S	SOIC	14
MM74HC74AMX_NL	Fairchild Semiconductor		CD74HC74MTE4		S	SOIC	14
MM74HC74AN	Fairchild Semiconductor		CD74HC74E		S	PDIP	14
MM74HC74N	Fairchild Semiconductor		CD74HC74E		S	PDIP	14
MM74HC86M	Fairchild Semiconductor		CD74HC86M		S	SOIC	14
MM74HC86MX	Fairchild Semiconductor		CD74HC86M96		S	SOIC	14
MM74HCT00N	Fairchild Semiconductor		CD74HCT00E		S	PDIP	14
MM74HCT04M	Fairchild Semiconductor		CD74HCT04M		S	SOIC	14
MM74HCT04MTC	Fairchild Semiconductor		CD74HCT04PWWR		S	TSSOP	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MM74HCT04MTCX	Fairchild Semiconductor		CD74HCT04PWR		S	TSSOP	14
MM74HCT04MX	Fairchild Semiconductor		CD74HCT04M96		S	SOIC	14
MM74HCT04MX	Fairchild Semiconductor		SN74HCT04DR		S	SOIC	14
MM74HCT04N	Fairchild Semiconductor		CD74HCT04E		S	PDIP	14
MM74HCT04N	Fairchild Semiconductor		SN74HCT04N		S	PDIP	14
MM74HCT04SJ	Fairchild Semiconductor		SN74HCT04NSR		S	SOP	14
MM74HCT04SJX	Fairchild Semiconductor		SN74HCT04NSR		S	SOP-EIAJ-II	14
MM74HCT04SJX_NL	Fairchild Semiconductor	Pb-Free	SN74HCT04NSR		S	SOP-EIAJ-II	14
MM74HCT08M	Fairchild Semiconductor		CD74HCT08M		S	SOIC	14
MM74HCT08MTC	Fairchild Semiconductor		SN74HCT08PW		S	TSSOP	14
MM74HCT08MTCX	Fairchild Semiconductor		SN74HCT08PWR		S	TSSOP	14
MM74HCT08MTCX_NL	Fairchild Semiconductor	Pb-Free	SN74HCT08PWR		S	TSSOP	14
MM74HCT08MX	Fairchild Semiconductor		CD74HCT08M96		S	SOIC	14
MM74HCT08MX_NL	Fairchild Semiconductor	Pb-Free	CD74HCT08M96		S	SOIC	14
MM74HCT08N	Fairchild Semiconductor		CD74HCT08E		S	PDIP	14
MM74HCT08SJ	Fairchild Semiconductor		SN74HCT08NSR		S	SOP-EIAJ-II	14
MM74HCT08SJX	Fairchild Semiconductor		SN74HCT08NSR		S	SOP-EIAJ-II	14
MM74HCT08SJX_NL	Fairchild Semiconductor	Pb-Free	SN74HCT08NSR		S	SOP-EIAJ-II	14
MM74HCT138M	Fairchild Semiconductor		CD74HCT138M		S	SOIC	16
MM74HCT138MTC	Fairchild Semiconductor		SN74HCT138PW		S	TSSOP	16
MM74HCT138MTCX	Fairchild Semiconductor		SN74HCT138PWR		S	TSSOP	16
MM74HCT138MX	Fairchild Semiconductor		CD74HCT138M96		S	SOIC	16
MM74HCT138N	Fairchild Semiconductor		CD74HCT138E		S	PDIP	16
MM74HCT138SJ	Fairchild Semiconductor		SN74HCT138NSR		S	SOP	16
MM74HCT138SJX	Fairchild Semiconductor		SN74HCT138NSR		S	SOP-EIAJ-II	16
MM74HCT14MX	Fairchild Semiconductor		CD74HCT14M96		S	SOIC	14
MM74HCT163M	Fairchild Semiconductor		CD74HCT163M		S	SOIC	16
MM74HCT164M	Fairchild Semiconductor		CD74HCT164M		S	SOIC	14
MM74HCT164MX	Fairchild Semiconductor		CD74HCT164M96		S	SOIC	14
MM74HCT164N	Fairchild Semiconductor		CD74HCT164E		S	PDIP	14
MM74HCT240MTC	Fairchild Semiconductor		CD74HCT240PW		S	TSSOP	20
MM74HCT240MTCX	Fairchild Semiconductor		CD74HCT240PWR		S	TSSOP	20
MM74HCT240MTCX_NL	Fairchild Semiconductor	tpd differs	CD74HCT240PWT		S	TSSOP	20
MM74HCT240MTCX_NL	Fairchild Semiconductor	Pb-Free	CD74HCT240PWR		S	TSSOP	20
MM74HCT240MTCX_NL	Fairchild Semiconductor	tpd differs	CD74HCT240PWT		S	TSSOP	20
MM74HCT240N	Fairchild Semiconductor		CD74HCT240E		S	PDIP	20
MM74HCT240SJ	Fairchild Semiconductor		SN74HCT240NSR		S	SOP-EIAJ-II	20
MM74HCT240SJX	Fairchild Semiconductor		SN74HCT240NSR		S	SOP-EIAJ-II	20
MM74HCT240WV	Fairchild Semiconductor		CD74HCT240M		S	SOIC	20
MM74HCT240WV	Fairchild Semiconductor	tpd differs	SN74HCT240DW		S	SOIC	20
MM74HCT240WV	Fairchild Semiconductor		CD74HCT240M96		S	SOIC	20
MM74HCT240WV	Fairchild Semiconductor	tpd differs	SN74HCT240DWR		S	SOIC	20
MM74HCT244MTC	Fairchild Semiconductor		SN74HCT244PW		S	TSSOP	20
MM74HCT244MTCX	Fairchild Semiconductor		SN74HCT244PWR		S	TSSOP	20
MM74HCT244WV	Fairchild Semiconductor	tpd differs	CD74HCT244M		S	SOIC	20
MM74HCT244WV	Fairchild Semiconductor	tpd differs	CD74HCT244M96		S	SOIC	20
MM74HCT245MTC	Fairchild Semiconductor		SN74HCT245PW		S	TSSOP	20
MM74HCT245MTCX	Fairchild Semiconductor		SN74HCT245PWR		S	TSSOP	20
MM74HCT245MTCX_NL	Fairchild Semiconductor	Pb-Free	SN74HCT245PWR		S	TSSOP	20
MM74HCT245N	Fairchild Semiconductor		CD74HCT245E		S	PDIP	20
MM74HCT245SJ	Fairchild Semiconductor	tpd differs	SN74HCT245NSR		S	SOP	20
MM74HCT245SJX	Fairchild Semiconductor		SN74HCT245NSR		S	SOP-EIAJ-II	20
MM74HCT245SJX_NL	Fairchild Semiconductor	Pb-Free	SN74HCT245NSR		S	SOP-EIAJ-II	20
MM74HCT245WV	Fairchild Semiconductor		CD74HCT245M		S	SOIC	20
MM74HCT245WV	Fairchild Semiconductor		CD74HCT245M96		S	SOIC	20
MM74HCT273MTC	Fairchild Semiconductor		SN74HCT273PW		S	TSSOP	20
MM74HCT273MTCX	Fairchild Semiconductor		SN74HCT273PWR		S	TSSOP	20
MM74HCT273N	Fairchild Semiconductor		CD74HCT273E		S	PDIP	20
MM74HCT273SJ	Fairchild Semiconductor		SN74HCT273NSR		S	SOP-EIAJ-II	20
MM74HCT273SJX	Fairchild Semiconductor		SN74HCT273NSR		S	SOP-EIAJ-II	20
MM74HCT273WV	Fairchild Semiconductor		CD74HCT273M		S	SOIC	20
MM74HCT273WV	Fairchild Semiconductor	tpd differs	CD74HCT273ME4		S	SOIC	20
MM74HCT273WV	Fairchild Semiconductor		CD74HCT273M96		S	SOIC	20
MM74HCT273WV	Fairchild Semiconductor	tpd differs	CD74HCT273M96E4		S	SOIC	20

MM74HCT04MTCX — MM74HCT273WV

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MM74HCT32M	Fairchild Semiconductor		CD74HCT32M		S	SOIC	14
MM74HCT32MTC	Fairchild Semiconductor		SN74HCT32PW		S	TSSOP	14
MM74HCT32MTCX	Fairchild Semiconductor		SN74HCT32PWR		S	TSSOP	14
MM74HCT32MX	Fairchild Semiconductor		CD74HCT32M96		S	SOIC	14
MM74HCT32MX_NL	Fairchild Semiconductor	Pb-Free	CD74HCT32M96		S	SOIC	14
MM74HCT32N	Fairchild Semiconductor		CD74HCT32E		S	PDIP	14
MM74HCT32SJ	Fairchild Semiconductor		SN74HCT32NSR		S	SOP-EIAJ-II	14
MM74HCT32SJX	Fairchild Semiconductor		SN74HCT32NSR		S	SOP-EIAJ-II	14
MM74HCT32SJX_NL	Fairchild Semiconductor	Pb-Free	SN74HCT32NSR		S	SOP-EIAJ-II	14
MM74HCT373MTC	Fairchild Semiconductor		SN74HCT373PW		S	TSSOP	20
MM74HCT373MTCX	Fairchild Semiconductor		SN74HCT373PWR		S	TSSOP	20
MM74HCT373N	Fairchild Semiconductor		CD74HCT373E		S	PDIP	20
MM74HCT373N	Fairchild Semiconductor		SN74HCT373N		S	PDIP	20
MM74HCT373SJ	Fairchild Semiconductor		SN74HCT373NSR		S	SOP	20
MM74HCT373SJX	Fairchild Semiconductor	Pb-Free	SN74HCT373NSR		S	SOP-EIAJ-II	20
MM74HCT373WM	Fairchild Semiconductor		CD74HCT373M		S	SOIC	20
MM74HCT373WM	Fairchild Semiconductor		SN74HCT373DW		S	SOIC	20
MM74HCT373WMX	Fairchild Semiconductor		CD74HCT373M96		S	SOIC	20
MM74HCT373WMX	Fairchild Semiconductor		SN74HCT373DWR		S	SOIC	20
MM74HCT374N	Fairchild Semiconductor		CD74HCT374E		S	PDIP	20
MM74HCT374WM	Fairchild Semiconductor	tpd differs	CD74HCT374ME4		S	SOIC	20
MM74HCT374WMX	Fairchild Semiconductor	tpd differs	CD74HCT374M96E4		S	SOIC	20
MM74HCT540N	Fairchild Semiconductor		CD74HCT540E		S	PDIP	20
MM74HCT540N	Fairchild Semiconductor		SN74HCT540N		S	PDIP	20
MM74HCT540WM	Fairchild Semiconductor		CD74HCT540M		S	SOIC	20
MM74HCT540WM	Fairchild Semiconductor		SN74HCT540DW		S	SOIC	20
MM74HCT540WMX	Fairchild Semiconductor		CD74HCT540M96		S	SOIC	20
MM74HCT540WMX	Fairchild Semiconductor		SN74HCT540DWR		S	SOIC	20
MM74HCT541WM	Fairchild Semiconductor		SN74HCT541DW		S	SOIC	20
MM74HCT541WMX	Fairchild Semiconductor		CD74HCT541M96		S	SOIC	20
MM74HCT573N	Fairchild Semiconductor	tpd differs	SN74HCT573N		S	PDIP	20
MM74HCT573WM	Fairchild Semiconductor		CD74HCT573M		S	SOIC	20
MM74HCT573WM	Fairchild Semiconductor	tpd differs	SN74HCT573DW		S	SOIC	20
MM74HCT573WMX	Fairchild Semiconductor	tpd differs	SN74HCT573DWR		S	SOIC	20
MM74HCT574MTC	Fairchild Semiconductor		SN74HCT574PW		S	TSSOP	20
MM74HCT574MTCX	Fairchild Semiconductor		CD74HCT574PWR		S	TSSOP	20
MM74HCT574MTCX	Fairchild Semiconductor	tpd differs	CD74HCT574QPWREP		S	TSSOP	20
MM74HCT574MTCX	Fairchild Semiconductor	tpd differs	CD74HCT574QPWRQ1		S	TSSOP	20
MM74HCT574N	Fairchild Semiconductor		CD74HCT574E		S	PDIP	20
MM74HCT574SJ	Fairchild Semiconductor		SN74HCT574NSR		S	SOP-EIAJ-II	20
MM74HCT574SJX	Fairchild Semiconductor		SN74HCT574NSR		S	SOP-EIAJ-II	20
MM74HCT574WM	Fairchild Semiconductor		CD74HCT574M		S	SOIC	20
MM74HCT574WM	Fairchild Semiconductor	tpd differs	CD74HCT574ME4		S	SOIC	20
MM74HCT574WMX	Fairchild Semiconductor		CD74HCT574M96		S	SOIC	20
MM74HCT574WMX	Fairchild Semiconductor	tpd differs	CD74HCT574M96E4		S	SOIC	20
MM74HCT574WMX	Fairchild Semiconductor	tpd differs	CD74HCT574QM96EP		S	SOIC	20
MM74HCT574WMX	Fairchild Semiconductor	tpd differs	CD74HCT574QM96Q1		S	SOIC	20
MM74HCT74M	Fairchild Semiconductor	tpd differs	CD74HCT74ME4		S	SOIC	14
MM74HCT74MX	Fairchild Semiconductor	tpd differs	CD74HCT74M96E4		S	SOIC	14
MM74HCT74MX	Fairchild Semiconductor	tpd differs	CD74HCT74MT		S	SOIC	14
MM74HCT74MX	Fairchild Semiconductor	tpd differs	CD74HCT74MTE4		S	SOIC	14
MM74HCT74N	Fairchild Semiconductor		CD74HCT74E		S	PDIP	14
MM74HCU04M	Fairchild Semiconductor		CD74HCU04M		S	SOIC	14
MM74HCU04MTC	Fairchild Semiconductor		SN74HCU04PW		S	TSSOP	14
MM74HCU04MTCX	Fairchild Semiconductor		CD74HCU04PWR		S	TSSOP	14
MM74HCU04MTCX_NL	Fairchild Semiconductor	Pb-Free	CD74HCU04PWR		S	TSSOP	14
MM74HCU04MX	Fairchild Semiconductor		CD74HCU04M96		S	SOIC	14
MM74HCU04N	Fairchild Semiconductor		CD74HCU04E		S	PDIP	14
MM74HCU04N	Fairchild Semiconductor	Pb-Free	SN74HCU04N		S	PDIP	14
MM74HCU04N_NL	Fairchild Semiconductor	Pb-Free	CD74HCU04E		S	PDIP	14
MM74HCU04SJ	Fairchild Semiconductor		SN74HCU04NSR		S	SOP	14
MM74HCU04SJX	Fairchild Semiconductor		SN74HCU04NSR		S	SOP-EIAJ-II	14
MM74HCU04SJX_NL	Fairchild Semiconductor	Pb-Free	SN74HCU04NSR		S	SOP-EIAJ-II	14
MXL1013CN8	Maxim		LT1013CP	VIO differs	S	PDIP	8

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
MXL1013DIN8	Maxim		LT1013DIP	VIO differs	S	PDIP	8
MXL1013DN8	Maxim		LT1013DP	VIO differs	S	PDIP	8
MXL1013DS8	Maxim		LT1013DD	VIO differs	S	SOIC	8
MXL1013DS8-T	Maxim		LT1013DDR	VIO differs	S	SOIC	8
MXL1013IN8	Maxim		LT1013CP	I-temp is obsolete	Q	PDIP	8
MXL1013IS8	Maxim		LT1013CD	I-temp is obsolete	Q	SOIC	8
MXL1013IS8-T	Maxim		LT1013CDR	I-temp is obsolete	Q	SOIC	8
MXL1014CN	Maxim		LT1014CN	VIO differs	S	PDIP	14
MXL1014DN	Maxim		LT1014DN	VIO differs	S	PDIP	14
MXL1014DS	Maxim		LT1014DDW	VIO differs	S	SOIC	16
MXL1014DS-T	Maxim		LT1014DDWR	VIO differs	S	SOIC	16
MXL1014IN	Maxim		LT1014CN	VIO differs, (I-temp obsolete)	Q	PDIP	14
MXL1014IS	Maxim		LT1014DIDW		S	SOIC	16
MXL1014IS-T	Maxim	Av differs	LT1014DIDW	No bus-hold	Q	SOIC	16
N74ALS00AD	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS00AD		S	SOIC	14
N74ALS00ADB	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS00ADB		S	SSOP	14
N74ALS00ADB-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS00ADB		S	SSOP	14
N74ALS00AD-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS00ADR		S	SOIC	14
N74ALS00AN	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS00AN		S	PDIP	14
N74ALS02D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS02AD		S	SOIC	14
N74ALS02D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS02ADR		S	SOIC	14
N74ALS02N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS02AN		S	PDIP	14
N74ALS04BD	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS04BD		S	SOIC	14
N74ALS04BDB	NXP Semiconductor		SN74ALS04BDB		S	SSOP	14
N74ALS04BDB-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS04BDB		S	SSOP	14
N74ALS04BD-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS04BDR		S	SOIC	14
N74ALS04BN	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS04BN		S	PDIP	14
N74ALS08D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS08D		S	SOIC	14
N74ALS08D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS08DR		S	SOIC	14
N74ALS08N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS08N		S	PDIP	14
N74ALS109AD	NXP Semiconductor	Discontinued 06/30/1999	SN74ALS109AD		S	SOIC	16
N74ALS109AD	NXP Semiconductor	tpd differs	SN74ALS109ADE4		S	SOIC	16
N74ALS109AD-T	NXP Semiconductor	Discontinued 06/30/1999	SN74ALS109ADR		S	SOIC	16
N74ALS109AD-T	NXP Semiconductor	tpd differs	SN74ALS109ADRE4		S	SOIC	16
N74ALS109AN	NXP Semiconductor	Discontinued 06/30/1999	SN74ALS109AN		S	PDIP	16
N74ALS10AD	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS10AD		S	SOIC	14
N74ALS10AD-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS10ADR		S	SOIC	14
N74ALS10AN	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS10AN		S	PDIP	14
N74ALS112AD	NXP Semiconductor	Discontinued 06/30/1999	SN74ALS112AD		S	SOIC	16
N74ALS112AD-T	NXP Semiconductor	Discontinued 06/30/1999	SN74ALS112ADR		S	SOIC	16
N74ALS112AN	NXP Semiconductor	Discontinued 06/30/1999	SN74ALS112AN		S	PDIP	16
N74ALS11AD	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS11AD		S	SOIC	14
N74ALS11AD-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS11ADR		S	SOIC	14
N74ALS11AN	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS11AN		S	PDIP	14
N74ALS138D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS138AD		S	SOIC	16
N74ALS138D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS138ADR		S	SOIC	16
N74ALS138N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS138AN		S	PDIP	16
N74ALS139D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS139D		S	SOIC	16
N74ALS139D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS139DR		S	SOIC	16
N74ALS139N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS139N		S	PDIP	16
N74ALS151D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS151D		S	SOIC	16
N74ALS151D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS151DR		S	SOIC	16
N74ALS151N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS151N		S	PDIP	16
N74ALS153D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS153D		S	SOIC	16
N74ALS153D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS153DR		S	SOIC	16
N74ALS153N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS153N		S	PDIP	16
N74ALS157D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS157AD		S	SOIC	16
N74ALS157D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS157ADR		S	SOIC	16
N74ALS157N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS157AN		S	PDIP	16
N74ALS158D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS158D		S	SOIC	16
N74ALS158D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS158DR		S	SOIC	16
N74ALS158N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS158N		S	PDIP	16
N74ALS161BD	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS161BD		S	SOIC	16
N74ALS161BD-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS161BDR		S	SOIC	16

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
N74ALS161BN	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS161BN		S	PDIP	16
N74ALS163BD	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS163BD		S	SOIC	16
N74ALS163BDB	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS163BDBR		S	PDIP	16
N74ALS163BDB-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS163BDBR		S	PDIP	16
N74ALS163BD-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS163BDR		S	SOIC	16
N74ALS163BN	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS163BN		S	PDIP	16
N74ALS164D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS164AD		S	SOIC	14
N74ALS164D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS164ADR		S	SOIC	14
N74ALS164N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS164AN		S	PDIP	14
N74ALS174D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS174D		S	SOIC	16
N74ALS174D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS174DR		S	SOIC	16
N74ALS174N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS174N		S	PDIP	16
N74ALS175D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS175D		S	SOIC	16
N74ALS175D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS175DR		S	SOIC	16
N74ALS175N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS175N		S	PDIP	16
N74ALS20AD	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS20AD		S	SOIC	14
N74ALS20AD-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS20ADR		S	SOIC	14
N74ALS20AN	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS20AN		S	PDIP	14
N74ALS240A-1D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS240A-1DW		S	SOIC	20
N74ALS240A-1DB	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS240A-1DBR		S	SSOP	20
N74ALS240A-1DB-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS240A-1DBR		S	SSOP	20
N74ALS240A-1D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS240A-1DWR		S	SOIC	20
N74ALS240A-1N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS240A-1N		S	PDIP	20
N74ALS240AD	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS240ADW		S	SOIC	20
N74ALS240AD-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS240ADWR		S	SOIC	20
N74ALS240AN	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS240AN		S	PDIP	20
N74ALS241AD	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS241CDW		S	SOIC	20
N74ALS241AD-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS241CDWR		S	SOIC	20
N74ALS241AN	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS241CN		S	PDIP	20
N74ALS244A-1D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS244C-1DW		S	SOIC	20
N74ALS244A-1DB	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS244CDBR	Lower IOL	Q	SSOP	20
N74ALS244A-1DB-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS244CDBR	Lower IOL	Q	SSOP	20
N74ALS244A-1D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS244C-1DWR		S	SOIC	20
N74ALS244A-1N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS244C-1N		S	PDIP	20
N74ALS244AD	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS244CDW		S	SOIC	20
N74ALS244ADB	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS244CDBR		S	SSOP	20
N74ALS244ADB-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS244CDBR		S	SSOP	20
N74ALS244AD-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS244CDWR		S	SOIC	20
N74ALS244AN	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS244CN		S	PDIP	20
N74ALS245A-1D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS245A-1DW		S	SOIC	20
N74ALS245A-1D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS245A-1DWR		S	SOIC	20
N74ALS245A-1N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS245A-1N		S	PDIP	20
N74ALS245AD	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS245ADW		S	SOIC	20
N74ALS245ADB	NXP Semiconductor		SN74ALS245ADBR		S	SSOP	20
N74ALS245ADB-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS245ADBR		S	SSOP	20
N74ALS245AD-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS245ADWR		S	SOIC	20
N74ALS245AN	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS245AN		S	PDIP	20
N74ALS251D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS251D		S	SOIC	16
N74ALS251D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS251DR		S	SOIC	16
N74ALS251N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS251N		S	PDIP	16
N74ALS253D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS253D		S	SOIC	16
N74ALS253D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS253DR		S	SOIC	16
N74ALS253N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS253N		S	PDIP	16
N74ALS257D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS257AD		S	SOIC	16
N74ALS257D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS257ADR		S	SOIC	16
N74ALS257N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS257AN		S	PDIP	16
N74ALS258D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS258AD		S	SOIC	16
N74ALS258D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS258ADR		S	SOIC	16
N74ALS258N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS258AN		S	PDIP	16
N74ALS273D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS273DW		S	SOIC	20
N74ALS273D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS273DWR		S	SOIC	20
N74ALS273N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS273N		S	PDIP	20
N74ALS27D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS27AD		S	SOIC	14
N74ALS27D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS27ADR		S	SOIC	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
N74ALS27N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS27AN		S	PDIP	14
N74ALS30AD	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS30AD		S	SOIC	14
N74ALS30AD-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS30ADR		S	SOIC	14
N74ALS30AN	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS30AN		S	PDIP	14
N74ALS32D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS32D		S	SOIC	14
N74ALS32D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS32DR		S	SOIC	14
N74ALS32N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS32N		S	PDIP	14
N74ALS373D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS373ADW		S	SOIC	20
N74ALS373DB	NXP Semiconductor		SN74ALS373ADBR		S	SSOP	20
N74ALS373DB-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS373ADBR		S	SSOP	20
N74ALS373D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS373ADWR		S	SOIC	20
N74ALS373N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS373AN		S	PDIP	20
N74ALS374D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS374ADW		S	SOIC	20
N74ALS374DB	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS374ADBR		S	SSOP	20
N74ALS374DB-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS374ADBR		S	SSOP	20
N74ALS374D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS374ADWR		S	SOIC	20
N74ALS374N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS374AN		S	PDIP	20
N74ALS38AD	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS38BD		S	SOIC	14
N74ALS38AD-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS38BDR		S	SOIC	14
N74ALS38AN	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS38BN		S	PDIP	14
N74ALS563AD	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS563BDW		S	SOIC	20
N74ALS563AD-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS563BDWR		S	SOIC	20
N74ALS563AN	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS563BN		S	PDIP	20
N74ALS564AD	NXP Semiconductor	Discontinued 06/30/1999	SN74ALS564BDW		S	SOIC	20
N74ALS564AD-T	NXP Semiconductor	Discontinued 06/30/1999	SN74ALS564BDWR		S	SOIC	20
N74ALS564AN	NXP Semiconductor	Discontinued 06/30/1999	SN74ALS564BN		S	PDIP	20
N74ALS573BD	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS573CDW		S	SOIC	20
N74ALS573BDB	NXP Semiconductor		SN74ALS573CDBR		S	SSOP	20
N74ALS573BDB-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS573CDBR		S	SSOP	20
N74ALS573BD-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS573CDWR		S	SOIC	20
N74ALS573BN	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS573CN		S	PDIP	20
N74ALS574AD	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS574BDW		S	SOIC	20
N74ALS574AD-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS574BDWR		S	SOIC	20
N74ALS574AN	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS574BN		S	PDIP	20
N74ALS620AD	NXP Semiconductor	Discontinued 06/30/1999	SN74ALS620ADW		S	SOIC	20
N74ALS620AD-T	NXP Semiconductor	Discontinued 06/30/1999	SN74ALS620ADW	Not available reeled, use tubed	S	SOIC	20
N74ALS620AN	NXP Semiconductor	Discontinued 06/30/1999	SN74ALS620AN		S	PDIP	20
N74ALS623AD	NXP Semiconductor	Discontinued 06/30/1999	SN74ALS623ADW		S	SOIC	20
N74ALS623AD-T	NXP Semiconductor	Discontinued 06/30/1999	SN74ALS623ADWR		S	SOIC	20
N74ALS623AN	NXP Semiconductor	Discontinued 06/30/1999	SN74ALS623AN		S	PDIP	20
N74ALS645A-1D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS645A-1DW		S	SOIC	20
N74ALS645A-1D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS645A-1DWR		S	SOIC	20
N74ALS645A-1N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS645A-1N		S	PDIP	20
N74ALS645AD	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS645ADW		S	SOIC	20
N74ALS645AD-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS645ADWR		S	SOIC	20
N74ALS645AN	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS645AN		S	PDIP	20
N74ALS646-1N	NXP Semiconductor	tpd differs	SN74ALS646A-1NT		S	PDIP	24
N74ALS646D	NXP Semiconductor	Discontinued DN-44, 12/31/2000	SN74ALS646ADW		S	SOIC	24
N74ALS646D-T	NXP Semiconductor	Discontinued DN-44, 12/31/2000	SN74ALS646ADWR		S	SOIC	24
N74ALS646N	NXP Semiconductor	Discontinued DN-44, 12/31/2000	SN74ALS646ANT		S	PDIP	24
N74ALS648D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS648ADW		S	SOIC	24
N74ALS648D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS648ADWR		S	SOIC	24
N74ALS648N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS648ANT		S	PDIP	24
N74ALS651D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS651ADW		S	SOIC	24
N74ALS651D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS651ADWR		S	SOIC	24
N74ALS651N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS651ANT		S	PDIP	24
N74ALS652-1N	NXP Semiconductor	tpd differs	SN74ALS652A-1NT		S	PDIP	24
N74ALS652D	NXP Semiconductor	Discontinued 06/30/1999	SN74ALS652ADW		S	SOIC	24
N74ALS652D-T	NXP Semiconductor	Discontinued 06/30/1999	SN74ALS652ADWR		S	SOIC	24
N74ALS652N	NXP Semiconductor	Discontinued 06/30/1999	SN74ALS652ANT		S	PDIP	24
N74ALS74AD	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS74AD		S	SOIC	14
N74ALS74AD-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS74ADR		S	SOIC	14
N74ALS74AN	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS74AN		S	PDIP	14
N74ALS86D	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS86D		S	SOIC	14

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

N74ALS27N — N74ALS86D

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
N74ALS86D-T	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS86DR		S	SOIC	14
N74ALS86N	NXP Semiconductor	Discontinued 12/31/2000	SN74ALS86N		S	PDIP	14
N74F00D	NXP Semiconductor		SN74F00D		S	SOIC	14
N74F00D	NXP Semiconductor		SN74F00DE4		S	SOIC	14
N74F00D-T	NXP Semiconductor		SN74F00DR		S	SOIC	14
N74F00D-T	NXP Semiconductor		SN74F00DRE4		S	SOIC	14
N74F00N	NXP Semiconductor		SN74F00N		S	PDIP	14
N74F02D	NXP Semiconductor		SN74F02D		S	SOIC	14
N74F02D-T	NXP Semiconductor		SN74F02DR		S	SOIC	14
N74F02N	NXP Semiconductor		SN74F02N		S	PDIP	14
N74F04D	NXP Semiconductor		SN74F04D		S	SOIC	14
N74F04D-T	NXP Semiconductor		SN74F04DR		S	SOIC	14
N74F04N	NXP Semiconductor		SN74F04N		S	PDIP	14
N74F08D	NXP Semiconductor		SN74F08D		S	SOIC	14
N74F08D-T	NXP Semiconductor		SN74F08DR		S	SOIC	14
N74F08N	NXP Semiconductor		SN74F08N		S	PDIP	14
N74F109D	NXP Semiconductor		SN74F109D		S	SOIC	16
N74F109D	NXP Semiconductor		SN74F109DE4		S	SOIC	16
N74F109D-T	NXP Semiconductor		SN74F109DR		S	SOIC	16
N74F109D-T	NXP Semiconductor		SN74F109DRE4		S	SOIC	16
N74F109N	NXP Semiconductor		SN74F109N		S	PDIP	16
N74F10D	NXP Semiconductor		SN74F10D		S	SOIC	14
N74F10D-T	NXP Semiconductor		SN74F10DR		S	SOIC	14
N74F10N	NXP Semiconductor		SN74F10N		S	PDIP	14
N74F112D	NXP Semiconductor		SN74F112D		S	SOIC	16
N74F112D	NXP Semiconductor		SN74F112DE4		S	SOIC	16
N74F112D-T	NXP Semiconductor		SN74F112DR		S	SOIC	16
N74F112D-T	NXP Semiconductor		SN74F112DRE4		S	SOIC	16
N74F112N	NXP Semiconductor		SN74F112N		S	PDIP	16
N74F11D	NXP Semiconductor		SN74F11D		S	SOIC	14
N74F11D-T	NXP Semiconductor		SN74F11DR		S	SOIC	14
N74F11N	NXP Semiconductor		SN74F11N		S	PDIP	14
N74F125D	NXP Semiconductor		SN74F125D		S	SOIC	14
N74F125D-T	NXP Semiconductor		SN74F125DR		S	SOIC	14
N74F125N	NXP Semiconductor		SN74F125N		S	PDIP	14
N74F126D	NXP Semiconductor		SN74F126D		S	SOIC	14
N74F126D-T	NXP Semiconductor		SN74F126DR		S	SOIC	14
N74F126N	NXP Semiconductor		SN74F126N		S	PDIP	14
N74F138D	NXP Semiconductor		SN74F138D		S	SOIC	16
N74F138D-T	NXP Semiconductor		SN74F138DR		S	SOIC	16
N74F138N	NXP Semiconductor		SN74F138N		S	PDIP	16
N74F153D	NXP Semiconductor		SN74F153D		S	SOIC	16
N74F153D-T	NXP Semiconductor		SN74F153DR		S	SOIC	16
N74F153N	NXP Semiconductor		SN74F153N		S	PDIP	16
N74F157AD	NXP Semiconductor		SN74F157AD		S	SOIC	16
N74F157AD-T	NXP Semiconductor		SN74F157ADR		S	SOIC	16
N74F157AN	NXP Semiconductor		SN74F157AN		S	PDIP	16
N74F161AD	NXP Semiconductor		SN74F161AD		S	SOIC	16
N74F161AD-T	NXP Semiconductor		SN74F161ADR		S	SOIC	16
N74F161AN	NXP Semiconductor		SN74F161AN		S	PDIP	16
N74F163AD	NXP Semiconductor		SN74F163AD		S	SOIC	16
N74F163AD-T	NXP Semiconductor		SN74F163ADR		S	SOIC	16
N74F163AN	NXP Semiconductor		SN74F163AN		S	PDIP	16
N74F169D	NXP Semiconductor	Discontinued 06/30/1999	SN74F169D		S	SOIC	16
N74F169D-T	NXP Semiconductor	Discontinued 06/30/1999	SN74F169DR		S	SOIC	16
N74F169N	NXP Semiconductor	Discontinued 06/30/1999	SN74F169N		S	PDIP	16
N74F174D	NXP Semiconductor		SN74F174AD		S	SOIC	16
N74F174D	NXP Semiconductor		SN74F174ADE4		S	SOIC	16
N74F174D-T	NXP Semiconductor		SN74F174ADR		S	SOIC	16
N74F174D-T	NXP Semiconductor		SN74F174ADRE4		S	SOIC	16
N74F174N	NXP Semiconductor		SN74F174AN		S	PDIP	16
N74F175AD	NXP Semiconductor		SN74F175D		S	SOIC	16
N74F175AD-T	NXP Semiconductor		SN74F175DR		S	SOIC	16
N74F175AN	NXP Semiconductor		SN74F175N		S	PDIP	16

#### Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
N74F20D	NXP Semiconductor		SN74F20D		S	SOIC	14
N74F20D-T	NXP Semiconductor		SN74F20DR		S	SOIC	14
N74F20N	NXP Semiconductor		SN74F20N		S	PDIP	14
N74F2373D	NXP Semiconductor		SN74F2373DW		S	SOIC	20
N74F2373D-T	NXP Semiconductor		SN74F2373DWR		S	SOIC	20
N74F2373N	NXP Semiconductor		SN74F2373N		S	PDIP	20
N74F240AD	NXP Semiconductor	Discontinued 06/30/1999	SN74F240DW		S	SOIC	20
N74F240AD-T	NXP Semiconductor	Discontinued 06/30/1999	SN74F240DWR		S	SOIC	20
N74F240AN	NXP Semiconductor	Discontinued 06/30/1999	SN74F240N		S	PDIP	20
N74F240D	NXP Semiconductor		SN74F240DW		S	SOIC	20
N74F240DB	NXP Semiconductor		SN74F240DBR		S	SSOP	20
N74F240DB-T	NXP Semiconductor		SN74F240DBR		S	SSOP	20
N74F240D-T	NXP Semiconductor		SN74F240DWR		S	SOIC	20
N74F240N	NXP Semiconductor		SN74F240N		S	PDIP	20
N74F241AD	NXP Semiconductor		SN74F241DW		S	SOIC	20
N74F241AD-T	NXP Semiconductor		SN74F241DWR		S	SOIC	20
N74F241AN	NXP Semiconductor		SN74F241N		S	PDIP	20
N74F241D	NXP Semiconductor		SN74F241DW		S	SOIC	20
N74F241D-T	NXP Semiconductor		SN74F241DWR		S	SOIC	20
N74F241N	NXP Semiconductor		SN74F241N		S	PDIP	20
N74F244BD	NXP Semiconductor		SN74F244DW		S	SOIC	20
N74F244BD-T	NXP Semiconductor		SN74F244DWR		S	SOIC	20
N74F244BN	NXP Semiconductor		SN74F244N		S	PDIP	20
N74F244D	NXP Semiconductor		SN74F244DW		S	SOIC	20
N74F244DB	NXP Semiconductor		SN74F244DBR		S	SSOP	20
N74F244DB-T	NXP Semiconductor		SN74F244DBR		S	SSOP	20
N74F244D-T	NXP Semiconductor		SN74F244DWR		S	SOIC	20
N74F244N	NXP Semiconductor		SN74F244N		S	PDIP	20
N74F245D	NXP Semiconductor		SN74F245DW		S	SOIC	20
N74F245DB	NXP Semiconductor		SN74F245DBR		S	SSOP	20
N74F245DB-T	NXP Semiconductor		SN74F245DBR		S	SSOP	20
N74F245D-T	NXP Semiconductor		SN74F245DWR		S	SOIC	20
N74F245N	NXP Semiconductor		SN74F245N		S	PDIP	20
N74F253D	NXP Semiconductor		SN74F253D		S	SOIC	16
N74F253D-T	NXP Semiconductor		SN74F253DR		S	SOIC	16
N74F253N	NXP Semiconductor		SN74F253N		S	PDIP	16
N74F257AD	NXP Semiconductor		SN74F257D		S	SOIC	16
N74F257AD-T	NXP Semiconductor		SN74F257DR		S	SOIC	16
N74F257AN	NXP Semiconductor		SN74F257N		S	PDIP	16
N74F258AD	NXP Semiconductor		SN74F258D		S	SOIC	16
N74F258AD-T	NXP Semiconductor		SN74F258DR		S	SOIC	16
N74F258AN	NXP Semiconductor		SN74F258N		S	PDIP	16
N74F260D	NXP Semiconductor		SN74F260D		S	SOIC	14
N74F260D-T	NXP Semiconductor		SN74F260DR		S	SOIC	14
N74F260N	NXP Semiconductor		SN74F260N		S	PDIP	14
N74F27D	NXP Semiconductor		SN74F27D		S	SOIC	14
N74F27D	NXP Semiconductor		SN74F27DE4		S	SOIC	14
N74F27D-T	NXP Semiconductor		SN74F27DR		S	SOIC	14
N74F27D-T	NXP Semiconductor		SN74F27DRE4		S	SOIC	14
N74F27N	NXP Semiconductor		SN74F27N		S	PDIP	14
N74F280BD	NXP Semiconductor		SN74F280BD		S	SOIC	14
N74F280BD-T	NXP Semiconductor		SN74F280BDR		S	SOIC	14
N74F280BN	NXP Semiconductor		SN74F280BN		S	PDIP	14
N74F283D	NXP Semiconductor		SN74F283D		S	SOIC	16
N74F283D-T	NXP Semiconductor		SN74F283DR		S	SOIC	16
N74F283N	NXP Semiconductor		SN74F283N		S	PDIP	16
N74F299D	NXP Semiconductor		SN74F299DW		S	SOIC	20
N74F299D-T	NXP Semiconductor		SN74F299DWR		S	SOIC	20
N74F299N	NXP Semiconductor		SN74F299N		S	PDIP	20
N74F30D	NXP Semiconductor		SN74F30D		S	SOIC	14
N74F30D	NXP Semiconductor		SN74F30DE4		S	SOIC	14
N74F30D-T	NXP Semiconductor		SN74F30DR		S	SOIC	14
N74F30D-T	NXP Semiconductor		SN74F30DRE4		S	SOIC	14
N74F30N	NXP Semiconductor		SN74F30N		S	PDIP	14

N74F20D — N74F30N

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
N74F32D	NXP Semiconductor		SN74F32D		S	SOIC	14
N74F32D-T	NXP Semiconductor		SN74F32DR		S	SOIC	14
N74F32N	NXP Semiconductor		SN74F32N		S	PDIP	14
N74F373D	NXP Semiconductor		SN74F373DW		S	SOIC	20
N74F373DB	NXP Semiconductor		SN74F373DBR		S	SSOP	20
N74F373DB-T	NXP Semiconductor		SN74F373DBR		S	SSOP	20
N74F373D-T	NXP Semiconductor		SN74F373DWR		S	SOIC	20
N74F373N	NXP Semiconductor		SN74F373N		S	PDIP	20
N74F374D	NXP Semiconductor		SN74F374DW		S	SOIC	20
N74F374DB	NXP Semiconductor		SN74F374DBR		S	SSOP	20
N74F374DB-T	NXP Semiconductor		SN74F374DBR		S	SSOP	20
N74F374D-T	NXP Semiconductor		SN74F374DWR		S	SOIC	20
N74F374N	NXP Semiconductor		SN74F374N		S	PDIP	20
N74F377AD	NXP Semiconductor		SN74F377ADW		S	SOIC	20
N74F377AD-T	NXP Semiconductor		SN74F377ADWR		S	SOIC	20
N74F377AN	NXP Semiconductor		SN74F377AN		S	PDIP	20
N74F38D	NXP Semiconductor		SN74F38D		S	SOIC	14
N74F38D	NXP Semiconductor		SN74F38DG4		S	SOIC	14
N74F38D-T	NXP Semiconductor		SN74F38DR		S	SOIC	14
N74F38D-T	NXP Semiconductor		SN74F38DRG4		S	SOIC	14
N74F38N	NXP Semiconductor		SN74F38N		S	PDIP	14
N74F521D	NXP Semiconductor		SN74F521DW		S	SOIC	20
N74F521D-T	NXP Semiconductor		SN74F521DWR		S	SOIC	20
N74F521N	NXP Semiconductor		SN74F521N		S	PDIP	20
N74F541D	NXP Semiconductor		SN74F541DW		S	SOIC	20
N74F541D-T	NXP Semiconductor		SN74F541DWR		S	SOIC	20
N74F541N	NXP Semiconductor		SN74F541N		S	PDIP	20
N74F543D	NXP Semiconductor		SN74F543DW		S	SOIC	20
N74F543DB	NXP Semiconductor		SN74F543DBR		S	SSOP	24
N74F543DB-T	NXP Semiconductor		SN74F543DBR		S	SSOP	20
N74F543D-T	NXP Semiconductor		SN74F543DWR		S	SOIC	20
N74F543N	NXP Semiconductor		SN74F543NT		S	PDIP	20
N74F573D	NXP Semiconductor		SN74F573DW		S	SOIC	20
N74F573D-T	NXP Semiconductor		SN74F573DWR		S	SOIC	20
N74F573N	NXP Semiconductor		SN74F573N		S	PDIP	20
N74F574D	NXP Semiconductor		SN74F574DW		S	SOIC	20
N74F574D	NXP Semiconductor		SN74F574DWE4		S	SOIC	20
N74F574D-T	NXP Semiconductor		SN74F574DWR		S	SOIC	20
N74F574D-T	NXP Semiconductor		SN74F574DWRE4		S	SOIC	20
N74F574N	NXP Semiconductor		SN74F574N		S	PDIP	20
N74F657D	NXP Semiconductor		SN74F657DW		S	SOIC	24
N74F657D-T	NXP Semiconductor		SN74F657DWR		S	SOIC	24
N74F657N	NXP Semiconductor		SN74F657NT		S	PDIP	24
N74F74D	NXP Semiconductor		SN74F74D		S	SOIC	14
N74F74D-T	NXP Semiconductor		SN74F74DR		S	SOIC	14
N74F74N	NXP Semiconductor		SN74F74N		S	PDIP	14
N74F86D	NXP Semiconductor		SN74F86D		S	SOIC	14
N74F86D-T	NXP Semiconductor		SN74F86DR		S	SOIC	14
N74F86N	NXP Semiconductor		SN74F86N		S	PDIP	14
NC7NZ04K8X	Fairchild Semiconductor		SN74LVC3G04DCUR		S	US8	8
NC7NZ14K8X	Fairchild Semiconductor		SN74LVC3G14DCUR		S	US8	8
NC7NZ17K8X	Fairchild Semiconductor		SN74LVC3G17DCUR		S	US8	8
NC7NZ34K8X	Fairchild Semiconductor		SN74LVC3G34DCUR		S	US8	8
NC7NZU04K8X	Fairchild Semiconductor		SN74LVC3GU04DCUR		S	US8	8
NC7S00M5	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G00DBVR	Faster, slightly lower max Vcc,	Q	SOT-23	5
NC7S00M5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G00DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
NC7S00P5	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G00DCKR	Faster, slightly lower max Vcc,	Q	SC70/EIAJSC88	5
NC7S00P5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G00DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
NC7S02M5	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G02DBVR	Faster, slightly lower max Vcc,	Q	SOT-23	5
NC7S02M5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G02DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
NC7S02P5	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G02DCKR	Faster, slightly lower max Vcc,	Q	SC70/EIAJSC88	5
NC7S02P5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G02DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
NC7S04M5	Fairchild Semiconductor		SN74AHC1G04DBVR		S	SOT-23	5
NC7S04M5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G04DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
NC7S04P5	Fairchild Semiconductor		SN74AHC1G04DCKR		S	SC70	5
NC7S04P5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G04DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
NC7S08M5	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G08DBVR	Faster, slightly lower max Vcc,	Q	SOT-23	5
NC7S08M5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G08DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
NC7S08P5	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G08DCKR	Faster, slightly lower max Vcc,	Q	SC70/EIAJSC88	5
NC7S08P5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G08DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
NC7S125M5	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G125DBVR	Faster, slightly lower max Vcc,	Q	SOT-23	5
NC7S125M5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G125DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
NC7S126M5	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G126DBVR	Faster, slightly lower max Vcc,	Q	SOT-23	5
NC7S126M5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G126DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
NC7S14M5	Fairchild Semiconductor		SN74AHC1G14DBVR		S	SOT-23	5
NC7S14M5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G14DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
NC7S14P5	Fairchild Semiconductor		SN74AHC1G14DCKR		S	SC70	5
NC7S14P5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G14DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
NC7S32M5	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G32DBVR	Faster, slightly lower max Vcc,	Q	SOT-23	5
NC7S32M5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G32DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
NC7S32P5	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G32DCKR	Faster, slightly lower max Vcc,	Q	SC70/EIAJSC88	5
NC7S32P5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G32DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
NC7S86M5	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G86DBVR	Faster, slightly lower max Vcc,	Q	SOT-23	5
NC7S86M5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G86DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
NC7S86P5	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G86DCKR	Faster, slightly lower max Vcc,	Q	SC70/EIAJSC88	5
NC7S86P5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G86DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
NC7SB3157P6X	Fairchild Semiconductor	Analog Bus Switch, same as FSA3157P6X	SN74LVC1G3157DCKR		S	SC70/EIAJSC88	6
NC7SB3157P6X_NL	Fairchild Semiconductor	Analog Bus Switch, same as FSA3157P6X, Pb-Free	SN74LVC1G3157DCKR		S	SC70/EIAJSC88	6
NC7SP00P5X	Fairchild Semiconductor		SN74AUP1G00DCKR		S	SC70/EIAJSC88	5
NC7SP00P5X_NL	Fairchild Semiconductor	Pb-Free	SN74AUP1G00DCKR		S	SC70/EIAJSC88	5
NC7SP02P5X	Fairchild Semiconductor		SN74AUP1G02DCKR		S	SC70/EIAJSC88	5
NC7SP04P5X	Fairchild Semiconductor		SN74AUP1G04DCKR		S	SC70/EIAJSC88	5
NC7SP04P5X_NL	Fairchild Semiconductor	Pb-Free	SN74AUP1G04DCKR		S	SC70/EIAJSC88	5
NC7SP05P5X	Fairchild Semiconductor		SN74AUP1G06DCKR		S	SC70/EIAJSC88	5
NC7SP08P5X	Fairchild Semiconductor		SN74AUP1G08DCKR		S	SC70/EIAJSC88	5
NC7SP125P5X	Fairchild Semiconductor		SN74AUP1G125DCKR		S	SC70/EIAJSC88	5
NC7SP126P5X	Fairchild Semiconductor		SN74AUP1G126DCKR		S	SC70/EIAJSC88	5
NC7SP14P5X	Fairchild Semiconductor		SN74AUP1G14DCKR		S	SC70/EIAJSC88	5
NC7SP17P5X	Fairchild Semiconductor		SN74AUP1G17DCKR		S	SC70/EIAJSC88	5
NC7SP32P5X	Fairchild Semiconductor		SN74AUP1G32DCKR		S	SC70/EIAJSC88	5
NC7SP34P5X	Fairchild Semiconductor		SN74AUP1G34DCKR		S	SC70/EIAJSC88	5
NC7SP57P6X	Fairchild Semiconductor		SN74AUP1G57DCKR		S	SC70/EIAJSC88	6
NC7SP58P6X	Fairchild Semiconductor		SN74AUP1G58DCKR		S	SC70/EIAJSC88	6
NC7SP74K8X	Fairchild Semiconductor		SN74AUP1G74DCUR		S	US8	8
NC7SPU04P5X	Fairchild Semiconductor		SN74AUP1G04DCKR		Q	SC70/EIAJSC88	5
NC7ST00M5	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G00DBVR	Faster, slightly lower max Vcc,	Q	SOT-23	5
NC7ST00M5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G00DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
NC7ST00P5	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G00DCKR	Faster, slightly lower max Vcc,	Q	SC70/EIAJSC88	5
NC7ST00P5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G00DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
NC7ST02M5	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G02DBVR	Faster, slightly lower max Vcc,	Q	SOT-23	5
NC7ST02M5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G02DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
NC7ST02P5	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G02DCKR	Faster, slightly lower max Vcc,	Q	SC70/EIAJSC88	5
NC7ST02P5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G02DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
NC7ST04M5	Fairchild Semiconductor	tpd differs	SN74AHC1G04DBVR		S	SOT-23	5
NC7ST04M5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G04DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
NC7ST04P5	Fairchild Semiconductor	tpd differs	SN74AHC1G04DCKR		S	SC70	5
NC7ST04P5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G04DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
NC7ST08M5	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G08DBVR	Faster, slightly lower max Vcc,	Q	SOT-23	5
NC7ST08M5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G08DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
NC7ST08P5	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G08DCKR	Faster, slightly lower max Vcc,	Q	SC70/EIAJSC88	5
NC7ST08P5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G08DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
NC7ST32M5	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G32DBVR	Faster, slightly lower max Vcc,	Q	SOT-23	5
NC7ST32M5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G32DBVR	Faster, slightly lower max Vcc	Q	SOT-23	5
NC7ST32P5	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G32DCKR	Faster, slightly lower max Vcc,	Q	SC70/EIAJSC88	5
NC7ST32P5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G32DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
NC7ST86M5	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1G86DBVR	Faster, slightly lower max Vcc,	Q	SOT-23	5

NC7S04P5 — NC7ST86M5

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
NC7ST86M5X	Fairchild Semiconductor	tpd, Logic Family differ, Specifications similar to HC	SN74AHCT1G86DBVR		Q	SOT-23	5
NC7ST86P5	Fairchild Semiconductor	Specifications similar to HC	SN74AHCT1G86DCKR	Faster, slightly lower max Vcc,	Q	SC70/EIAJSC88	5
NC7ST86P5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHCT1G86DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
NC7SU04M5	Fairchild Semiconductor		SN74AHC1GU04DBVR		S	SOT-23	5
NC7SU04M5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1GU04DBVR	Faster, slightly lower Vcc	Q	SOT-23	5
NC7SU04M5X	Fairchild Semiconductor		SN74AHC1GU04DBVT		S	SOT-23	5
NC7SU04P5	Fairchild Semiconductor		SN74AHC1GU04DCKR		S	SC70	5
NC7SU04P5X	Fairchild Semiconductor	Specifications similar to HC	SN74AHC1GU04DCKR	Faster, slightly lower Vcc	Q	SC70/EIAJSC88	5
NC7SV00P5X	Fairchild Semiconductor	Vcc = 0.9V to 3.6V	SN74AUC1G00DCKR	Vcc = 0.8V to 2.7V; I/O tolerant to 3.6V; fastest TPD	S	SC70/EIAJSC88	5
NC7SV02P5X	Fairchild Semiconductor	Vcc = 0.9V to 3.6V	SN74AUC1G02DCKR	Vcc = 0.8V to 2.7V; I/O tolerant to 3.6V; fastest TPD	S	SC70/EIAJSC88	5
NC7SV04P5X	Fairchild Semiconductor	Vcc = 0.9V to 3.6V	SN74AUC1G04DCKR	Vcc = 0.8V to 2.7V; I/O tolerant to 3.6V; fastest TPD	S	SC70/EIAJSC88	5
NC7SV08P5X	Fairchild Semiconductor	Vcc = 0.9V to 3.6V	SN74AUC1G08DCKR	Vcc = 0.8V to 2.7V; I/O tolerant to 3.6V; fastest TPD	S	SC70/EIAJSC88	5
NC7SV08P5X_NL	Fairchild Semiconductor	Vcc = 0.9V to 3.6V; Pb-Free	SN74AUC1G08DCKR	Vcc = 0.8V to 2.7V; I/O tolerant to 3.6V; fastest TPD	S	SC70/EIAJSC88	5
NC7SV125P5X	Fairchild Semiconductor	Vcc = 0.9V to 3.6V	SN74AUC1G125DCKR	Vcc = 0.8V to 2.7V; I/O tolerant to 3.6V; fastest TPD	S	SC70/EIAJSC88	5
NC7SV126P5X	Fairchild Semiconductor	Vcc = 0.9V to 3.6V	SN74AUC1G126DCKR	Vcc = 0.8V to 2.7V; I/O tolerant to 3.6V; fastest TPD	S	SC70/EIAJSC88	5
NC7SV14P5X	Fairchild Semiconductor	Vcc = 0.9V to 3.6V	SN74AUC1G14DCKR	Vcc = 0.8V to 2.7V; I/O tolerant to 3.6V; fastest TPD	S	SC70/EIAJSC88	5
NC7SV17P5X	Fairchild Semiconductor	Vcc = 0.9V to 3.6V	SN74AUC1G17DCKR	Vcc = 0.8V to 2.7V; I/O tolerant to 3.6V; fastest TPD	Q	SC70/EIAJSC88	5
NC7SV17P5X_NL	Fairchild Semiconductor	Vcc = 0.9V to 3.6V; Pb-free	SN74AUC1G17DCKR	Vcc = 0.8V to 2.7V; I/O tolerant to 3.6V; fastest TPD	Q	SC70/EIAJSC88	5
NC7SV32P5X	Fairchild Semiconductor	Vcc = 0.9V to 3.6V	SN74AUC1G32DCKR	Vcc = 0.8V to 2.7V; I/O tolerant to 3.6V; fastest TPD	Q	SC70/EIAJSC88	5
NC7SV74K8X	Fairchild Semiconductor	Vcc = 0.9V to 3.6V	SN74AUC1G74DCUR	Vcc = 0.8V to 2.7V; I/O tolerant to 3.6V; fastest TPD	Q	US8	8
NC7SV86P5X	Fairchild Semiconductor	Vcc = 0.9V to 3.6V	SN74AUC1G86DCKR	Vcc = 0.8V to 2.7V; I/O tolerant to 3.6V; fastest TPD	Q	SC70/EIAJSC88	5
NC7SVU04P5X	Fairchild Semiconductor	Vcc = 0.9V to 3.6V	SN74AUC1GU04DCKR	Vcc = 0.8V to 2.7V; I/O tolerant to 3.6V; fastest TPD	Q	SC70/EIAJSC88	5
NC7SZ00M5	Fairchild Semiconductor		SN74LVC1G00DBVR		S	SOT-23	5
NC7SZ00M5X	Fairchild Semiconductor		SN74LVC1G00DBVR		S	SOT-23	5
NC7SZ00P5	Fairchild Semiconductor		SN74LVC1G00DCKR		S	SC70/EIAJSC88	5
NC7SZ00P5X	Fairchild Semiconductor		SN74LVC1G00DCKR		S	SC70/EIAJSC88	5
NC7SZ02M5	Fairchild Semiconductor		SN74LVC1G02DBVR		S	SOT-23	5
NC7SZ02M5X	Fairchild Semiconductor		SN74LVC1G02DBVR		S	SOT-23	5
NC7SZ02P5	Fairchild Semiconductor		SN74LVC1G02DCKR		S	SC70/EIAJSC88	5
NC7SZ02P5X	Fairchild Semiconductor		SN74LVC1G02DCKR		S	SC70/EIAJSC88	5
NC7SZ04M5	Fairchild Semiconductor	tpd differs	SN74AHC1G04DBVR		S	SOT-23	5
NC7SZ04M5X	Fairchild Semiconductor		SN74LVC1G04DBVR		S	SOT-23	5
NC7SZ04P5	Fairchild Semiconductor	tpd differs	SN74AHC1G04DCKR		S	SC70	5
NC7SZ04P5	Fairchild Semiconductor		SN74LVC1G04DCKR		S	SC70	5
NC7SZ04P5X	Fairchild Semiconductor		SN74LVC1G04DCKR		S	SC70/EIAJSC88	5
NC7SZ05M5	Fairchild Semiconductor	tpd differs	SN74LVC1G06DBVR		S	SOT-23	5
NC7SZ05M5X	Fairchild Semiconductor		SN74LVC1G06DBVR		S	SOT-23	5
NC7SZ05P5	Fairchild Semiconductor	tpd differs	SN74LVC1G06DCKR		S	SC70	5
NC7SZ05P5X	Fairchild Semiconductor		SN74LVC1G06DCKR		S	SC70/EIAJSC88	5
NC7SZ08M5	Fairchild Semiconductor		SN74LVC1G08DBVR		S	SOT-23	5
NC7SZ08M5X	Fairchild Semiconductor		SN74LVC1G08DBVR		S	SOT-23	5
NC7SZ08P5	Fairchild Semiconductor		SN74LVC1G08DCKR		S	SC70/EIAJSC88	5
NC7SZ08P5X	Fairchild Semiconductor		SN74LVC1G08DCKR		S	SC70/EIAJSC88	5
NC7SZ10P6	Fairchild Semiconductor		SN74LVC1G10DCKR		S	SC70/EIAJSC88	6
NC7SZ10P6X	Fairchild Semiconductor		SN74LVC1G10DCKR		S	SC70/EIAJSC88	6
NC7SZ11P6	Fairchild Semiconductor		SN74LVC1G11DCKR		S	SC70/EIAJSC88	6
NC7SZ11P6X	Fairchild Semiconductor		SN74LVC1G11DCKR		S	SC70/EIAJSC88	6
NC7SZ125M5	Fairchild Semiconductor		SN74LVC1G125DBVR		S	SOT-23	5
NC7SZ125M5X	Fairchild Semiconductor		SN74LVC1G125DBVR		S	SOT-23	5

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
NC7SZ125P5	Fairchild Semiconductor	tpd differs	SN74LVC1G125DCKR		S	SC70	5
NC7SZ125P5X	Fairchild Semiconductor		SN74LVC1G125DCKR		S	SC70/EIAJSC88	5
NC7SZ126M5	Fairchild Semiconductor		SN74LVC1G126DBVR		S	SOT-23	5
NC7SZ126M5	Fairchild Semiconductor	tpd differs	SN74LVC1G126DCKR		S	SOT-23	5
NC7SZ126M5X	Fairchild Semiconductor		SN74LVC1G126DBVR		S	SOT-23	5
NC7SZ126P5	Fairchild Semiconductor		SN74LVC1G126DCKR		S	SC70/EIAJSC88	5
NC7SZ126P5X	Fairchild Semiconductor		SN74LVC1G126DCKR		S	SC70/EIAJSC88	5
NC7SZ14M5	Fairchild Semiconductor		SN74LVC1G14DBVR		S	SOT-23	5
NC7SZ14M5X	Fairchild Semiconductor		SN74LVC1G14DBVR		S	SOT-23	5
NC7SZ14P5	Fairchild Semiconductor		SN74LVC1G14DCKR		S	SC70	5
NC7SZ14P5X	Fairchild Semiconductor		SN74LVC1G14DCKR		S	SC70/EIAJSC88	5
NC7SZ175P6	Fairchild Semiconductor	tpd differs	SN74LVC1G175DCKR		S	SC70	6
NC7SZ175P6X	Fairchild Semiconductor		SN74LVC1G175DCKR		S	SC70/EIAJSC88	6
NC7SZ18P6X	Fairchild Semiconductor		SN74LVC1G18DCKR		S	SC70/EIAJSC88	6
NC7SZ19P6X	Fairchild Semiconductor		SN74LVC1G19DCKR		S	SC70/EIAJSC88	6
NC7SZ19P6X_NL	Fairchild Semiconductor	Pb-Free	SN74LVC1G19DCKR		S	SC70/EIAJSC88	6
NC7SZ27P6	Fairchild Semiconductor		SN74LVC1G27DCKR		S	SC70/EIAJSC88	6
NC7SZ27P6X	Fairchild Semiconductor		SN74LVC1G27DCKR		S	SC70/EIAJSC88	6
NC7SZ32M5	Fairchild Semiconductor		SN74LVC1G32DBVR		S	SOT-23	5
NC7SZ32M5X	Fairchild Semiconductor		SN74LVC1G32DBVR		S	SOT-23	5
NC7SZ32P5	Fairchild Semiconductor		SN74LVC1G32DCKR		S	SC70/EIAJSC88	5
NC7SZ32P5X	Fairchild Semiconductor		SN74LVC1G32DCKR		S	SC70/EIAJSC88	5
NC7SZ332P6	Fairchild Semiconductor		SN74LVC1G332DCKR		S	SC70/EIAJSC88	6
NC7SZ332P6X	Fairchild Semiconductor		SN74LVC1G332DCKR		S	SC70/EIAJSC88	6
NC7SZ373P6	Fairchild Semiconductor		SN74LVC1G373DCKR		S	SC70	6
NC7SZ373P6X	Fairchild Semiconductor		SN74LVC1G373DCKR		S	SC70/EIAJSC88	6
NC7SZ374P6	Fairchild Semiconductor		SN74LVC1G374DCKR		S	SC70/EIAJSC88	6
NC7SZ374P6X	Fairchild Semiconductor		SN74LVC1G374DCKR		S	SC70/EIAJSC88	6
NC7SZ384M5	Fairchild Semiconductor		SN74CBT1G384DBVR		S	SOT-23	5
NC7SZ384M5X	Fairchild Semiconductor		SN74CBT1G384DBVR		S	SOT-23	5
NC7SZ384P5	Fairchild Semiconductor		SN74CBT1G384DCKR		S	SC70	5
NC7SZ384P5X	Fairchild Semiconductor		SN74CBT1G384DCKR		S	SC70/EIAJSC88	5
NC7SZ386P6	Fairchild Semiconductor		SN74LVC1G386DCKR		S	SC70/EIAJSC88	6
NC7SZ386P6X	Fairchild Semiconductor		SN74LVC1G386DCKR		S	SC70/EIAJSC88	6
NC7SZ38M5	Fairchild Semiconductor		SN74LVC1G38DBVR		S	SOT-23	5
NC7SZ38M5X	Fairchild Semiconductor		SN74LVC1G38DBVR		S	SOT-23	5
NC7SZ38P5	Fairchild Semiconductor		SN74LVC1G38DCKR		S	SC70/EIAJSC88	5
NC7SZ38P5X	Fairchild Semiconductor		SN74LVC1G38DCKR		S	SC70/EIAJSC88	5
NC7SZ57P6	Fairchild Semiconductor		SN74LVC1G57DCKR		S	SC70/EIAJSC88	6
NC7SZ57P6X	Fairchild Semiconductor		SN74LVC1G57DCKR		S	SC70/EIAJSC88	6
NC7SZ58P6	Fairchild Semiconductor		SN74LVC1G58DCKR		S	SC70/EIAJSC88	6
NC7SZ58P6X	Fairchild Semiconductor		SN74LVC1G58DCKR		S	SC70/EIAJSC88	6
NC7SZ66M5	Fairchild Semiconductor	Ron, toff, ton, Vs differ	SN74LVC1G66DBVR		S	SOT-23	5
NC7SZ66M5X	Fairchild Semiconductor	Same as FSA66	SN74LVC1G66DBVR		S	SOT-23	5
NC7SZ66P5	Fairchild Semiconductor	Ron, toff, ton, Vs differ	SN74LVC1G66DCKR		S	SC70	5
NC7SZ66P5X	Fairchild Semiconductor	Same as FSA66	SN74LVC1G66DCKR		S	SC70/EIAJSC88	5
NC7SZ74K8	Fairchild Semiconductor		SN74LVC2G74DCUR		S	US8	8
NC7SZ74K8X	Fairchild Semiconductor		SN74LVC2G74DCUR		S	US8	8
NC7SZ86M5	Fairchild Semiconductor		SN74LVC1G86DBVR		S	SOT-23	5
NC7SZ86M5X	Fairchild Semiconductor		SN74LVC1G86DBVR		S	SOT-23	5
NC7SZ86P5	Fairchild Semiconductor		SN74LVC1G86DCKR		S	SC70/EIAJSC88	5
NC7SZ86P5X	Fairchild Semiconductor		SN74LVC1G86DCKR		S	SC70/EIAJSC88	5
NC7SZD384M5	Fairchild Semiconductor		SN74CBTD1G384DBVR		S	SOT-23	5
NC7SZD384M5X	Fairchild Semiconductor		SN74CBTD1G384DBVR		S	SOT-23	5
NC7SZD384P5	Fairchild Semiconductor		SN74CBTD1G384DCKR		S	SC70	5
NC7SZD384P5X	Fairchild Semiconductor		SN74CBTD1G384DCKR		S	SC70/EIAJSC88	5
NC7SZU04M5	Fairchild Semiconductor		SN74LVC1GU04DBVR		S	SOT-23	5
NC7SZU04M5X	Fairchild Semiconductor		SN74LVC1GU04DBVR		S	SOT-23	5
NC7SZU04P5	Fairchild Semiconductor		SN74LVC1GU04DCKR		S	SC70	5
NC7SZU04P5X	Fairchild Semiconductor		SN74LVC1GU04DCKR		S	SC70/EIAJSC88	5
NC7WB66K8X	Fairchild Semiconductor	Same as FSA266	SN74LVC2G66DCUR		S	US8	8
NC7WV04P6X	Fairchild Semiconductor	Vcc = 0.9V to 3.6V	SN74AUC2G04DCKR	Vcc = 0.8V to 2.7V; I/O tolerant to 3.6V; fastest TPD	Q	SC70/EIAJSC88	6

NC7SZ125P5 — NC7WV04P6X

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
NC7WV125K8X	Fairchild Semiconductor	Vcc = 0.9V to 3.6V	SN74AUC2G125DCUR	Vcc = 0.8V to 2.7V; I/O tolerant to 3.6V; fastest TPD	Q	US8	8
NC7WV16P6X	Fairchild Semiconductor	Vcc = 0.9V to 3.6V	SN74AUC2G34DCKR	Vcc = 0.8V to 2.7V; I/O tolerant to 3.6V; fastest TPD	Q	SC70/EIAJSC88	6
NC7WZ00K8	Fairchild Semiconductor		SN74LVC2G00DCUR		S	US8	8
NC7WZ00K8X	Fairchild Semiconductor		SN74LVC2G00DCUR		S	US8	8
NC7WZ02K8	Fairchild Semiconductor		SN74LVC2G02DCUR		S	US8	8
NC7WZ02K8X	Fairchild Semiconductor		SN74LVC2G02DCUR		S	US8	8
NC7WZ04P6	Fairchild Semiconductor		SN74LVC2G04DCKR		S	SC70	6
NC7WZ04P6X	Fairchild Semiconductor		SN74LVC2G04DCKR		S	SC70/EIAJSC88	6
NC7WZ07P6	Fairchild Semiconductor		SN74LVC2G07DCKR		S	SC70/EIAJSC88	6
NC7WZ07P6X	Fairchild Semiconductor		SN74LVC2G07DCKR		S	SC70/EIAJSC88	6
NC7WZ08K8	Fairchild Semiconductor		SN74LVC2G08DCUR		S	US8	8
NC7WZ08K8X	Fairchild Semiconductor		SN74LVC2G08DCUR		S	US8	8
NC7WZ125K8	Fairchild Semiconductor		SN74LVC2G125DCUR		S	US8	8
NC7WZ125K8X	Fairchild Semiconductor		SN74LVC2G125DCUR		S	US8	8
NC7WZ126K8	Fairchild Semiconductor		SN74LVC2G126DCUR		S	US8	8
NC7WZ126K8X	Fairchild Semiconductor		SN74LVC2G126DCUR		S	US8	8
NC7WZ132K8X	Fairchild Semiconductor		SN74LVC2G132DCUR		S	US8	8
NC7WZ14P6	Fairchild Semiconductor		SN74LVC2G14DCKR		S	SC70	6
NC7WZ14P6X	Fairchild Semiconductor		SN74LVC2G14DCKR		S	SC70/EIAJSC88	6
NC7WZ16P6	Fairchild Semiconductor		SN74LVC2G34DCKR		S	SC70/EIAJSC88	6
NC7WZ16P6X	Fairchild Semiconductor		SN74LVC2G34DCKR		S	SC70/EIAJSC88	6
NC7WZ17P6	Fairchild Semiconductor		SN74LVC2G17DCKR		S	SC70/EIAJSC88	6
NC7WZ17P6X	Fairchild Semiconductor		SN74LVC2G17DCKR		S	SC70/EIAJSC88	6
NC7WZ240K8X	Fairchild Semiconductor		SN74LVC2G240DCUR		S	US8	8
NC7WZ241K8	Fairchild Semiconductor	tpd, Vs differ	SN74LVC2G241DCUR		S	US8	8
NC7WZ241K8X	Fairchild Semiconductor		SN74LVC2G241DCUR		S	US8	8
NC7WZ32K8	Fairchild Semiconductor		SN74LVC2G32DCUR		S	US8	8
NC7WZ32K8X	Fairchild Semiconductor		SN74LVC2G32DCUR		S	US8	8
NC7WZ38K8X	Fairchild Semiconductor		SN74LVC2G38DCUR		S	US8	8
NC7WZ86K8	Fairchild Semiconductor		SN74LVC2G86DCUR		S	US8	8
NC7WZ86K8X	Fairchild Semiconductor		SN74LVC2G86DCUR		S	US8	8
NC7WZU04P6	Fairchild Semiconductor		SN74LVC2GU04DCKR		S	SC70	6
NC7WZU04P6X	Fairchild Semiconductor		SN74LVC2GU04DCKR		S	SC70/EIAJSC88	6
NCP1117DT15	On Semiconductor	1.0A Io max	TLV1117-15CKVURG3	0.8A Io max, Green,	Q	TO-252/DPAK	4
NCP1117DT15G	On Semiconductor	1.0A Io max, Pb-Free	TLV1117-15CKVURG3	0.8A Io max, Green,	Q	TO-252/DPAK	4
NCP1117DT15RK	On Semiconductor	1.0A Io max	TLV1117-15CKVURG3	0.8A Io max, Green	Q	TO-252/DPAK	4
NCP1117DT15RKG	On Semiconductor	1.0A Io max, Pb-Free	TLV1117-15CKVURG3	0.8A Io max, Green	Q	TO-252/DPAK	4
NCP1117DT18	On Semiconductor	1.0A Io max	TLV1117-18CKVURG3	0.8A Io max, Green,	Q	TO-252/DPAK	4
NCP1117DT18G	On Semiconductor	1.0A Io max, Pb-Free	TLV1117-18CKVURG3	0.8A Io max, Green,	Q	TO-252/DPAK	4
NCP1117DT18RK	On Semiconductor	1.0A Io max	TLV1117-18CKVURG3	0.8A Io max, Green	Q	TO-252/DPAK	4
NCP1117DT18RKG	On Semiconductor	1.0A Io max, Pb-Free	TLV1117-18CKVURG3	0.8A Io max, Green	Q	TO-252/DPAK	4
NCP1117DT18T5	On Semiconductor	1.0A Io max	TLV1117-18CKVURG3	0.8A Io max, Green	Q	TO-252/DPAK	4
NCP1117DT18T5G	On Semiconductor	1.0A Io max, Pb-Free	TLV1117-18CKVURG3	0.8A Io max, Green	Q	TO-252/DPAK	4
NCP1117DT25	On Semiconductor	1.0A Io max	TLV1117-25CKVURG3	0.8A Io max, Green,	Q	TO-252/DPAK	4
NCP1117DT25G	On Semiconductor	1.0A Io max, Pb-Free	TLV1117-25CKVURG3	0.8A Io max, Green,	Q	TO-252/DPAK	4
NCP1117DT25RK	On Semiconductor	1.0A Io max	TLV1117-25CKVURG3	0.8A Io max, Green	Q	TO-252/DPAK	4
NCP1117DT25RKG	On Semiconductor	1.0A Io max, Pb-Free	TLV1117-25CKVURG3	0.8A Io max, Green	Q	TO-252/DPAK	4
NCP1117DT25T5	On Semiconductor	1.0A Io max	TLV1117-25CKVURG3	0.8A Io max, Green	Q	TO-252/DPAK	4
NCP1117DT25T5G	On Semiconductor	1.0A Io max, Pb-Free	TLV1117-25CKVURG3	0.8A Io max, Green	Q	TO-252/DPAK	4
NCP1117DT33	On Semiconductor	1.0A Io max	TLV1117-33CKVURG3	0.8A Io max, Green,	Q	TO-252/DPAK	4
NCP1117DT33G	On Semiconductor	1.0A Io max, Pb-Free	TLV1117-33CKVURG3	0.8A Io max, Green,	Q	TO-252/DPAK	4
NCP1117DT33RK	On Semiconductor	1.0A Io max	TLV1117-33CKVURG3	0.8A Io max, Green	Q	TO-252/DPAK	4
NCP1117DT33RKG	On Semiconductor	1.0A Io max, Pb-Free	TLV1117-33CKVURG3	0.8A Io max, Green	Q	TO-252/DPAK	4
NCP1117DT33T5	On Semiconductor	1.0A Io max	TLV1117-33CKVURG3	0.8A Io max, Green	Q	TO-252/DPAK	4
NCP1117DT33T5G	On Semiconductor	1.0A Io max, Pb-Free	TLV1117-33CKVURG3	0.8A Io max, Green	Q	TO-252/DPAK	4
NCP1117DT50	On Semiconductor	1.0A Io max	TLV1117-50CKVURG3	0.8A Io max, Green,	Q	TO-252/DPAK	4
NCP1117DT50G	On Semiconductor	1.0A Io max, Pb-Free	TLV1117-50CKVURG3	0.8A Io max, Green,	Q	TO-252/DPAK	4
NCP1117DT50RK	On Semiconductor	1.0A Io max	TLV1117-50CKVURG3	0.8A Io max, Green	Q	TO-252/DPAK	4
NCP1117DT50RKG	On Semiconductor	1.0A Io max, Pb-Free	TLV1117-50CKVURG3	0.8A Io max, Green	Q	TO-252/DPAK	4
NCP1117DTA	On Semiconductor	1.0A Io max	TLV1117CKVURG3	0.8A Io max, Green,	Q	TO-252/DPAK	4
NCP1117DTAG	On Semiconductor	1.0A Io max, Pb-Free	TLV1117CKVURG3	0.8A Io max, Green,	Q	TO-252/DPAK	4
NCP1117DTARK	On Semiconductor	1.0A Io max	TLV1117CKVURG3	0.8A Io max, Green	Q	TO-252/DPAK	4

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
NCP1117DTARKG	On Semiconductor	1.0A lo max, Pb-Free	TLV1117CKVURG3	0.8A lo max, Green	Q	TO-252/DPAK	4
NCP1117DTAT5	On Semiconductor	1.0A lo max	TLV1117CKVURG3	0.8A lo max, Green	Q	TO-252/DPAK	4
NCP1117DTAT5G	On Semiconductor	1.0A lo max, Pb-Free	TLV1117CKVURG3	0.8A lo max, Green	Q	TO-252/DPAK	4
NCP1117ST15T3	On Semiconductor		TLV1117-15CDCYR		Q	SOT-223	4
NCP1117ST15T3G	On Semiconductor	Pb-Free	TLV1117-15CDCYR		Q	SOT-223	4
NCP1117ST18T3	On Semiconductor		TLV1117-18CDCYR		Q	SOT-223	4
NCP1117ST18T3G	On Semiconductor	Pb-Free	TLV1117-18CDCYR		Q	SOT-223	4
NCP1117ST25T3	On Semiconductor		TLV1117-25CDCYR		Q	SOT-223	4
NCP1117ST25T3G	On Semiconductor	Pb-Free	TLV1117-25CDCYR		Q	SOT-223	4
NCP1117ST33T3	On Semiconductor		TLV1117-33CDCYR		Q	SOT-223	4
NCP1117ST33T3G	On Semiconductor	Pb-Free	TLV1117-33CDCYR		Q	SOT-223	4
NCP1117ST50T3	On Semiconductor		TLV1117-50CDCYR		Q	SOT-223	4
NCP1117ST50T3G	On Semiconductor	Pb-Free	TLV1117-50CDCYR		Q	SOT-223	4
NCP1117STAT3	On Semiconductor		TLV1117CDCYR		Q	SOT-223	4
NCP1117STAT3G	On Semiconductor	Pb-Free	TLV1117CDCYRG3		Q	SOT-223	4
NCP1117STAT3G	On Semiconductor	Pb-Free	TLV1117CDCYR		Q	SOT-223	4
NCV1009Z	On Semiconductor		LT1009CLP		S	TO-92	3
NCV1009Z	On Semiconductor		LT1009CLPE3		S	TO-92	3
NCV1009Z	On Semiconductor		LT1009CLPM		S	TO-92	3
NCV1009Z	On Semiconductor		LT1009CLPME3		S	TO-92	3
NCV1117DT15RK	On Semiconductor	1.0A lo max, Automotive applications	TLV1117-15IKVURG3	0.8A lo max, Green	Q	TO-252/DPAK	4
NCV1117DT15RKG	On Semiconductor	1.0A lo max, Pb-Free, Automotive applications	TLV1117-15IKVURG3	0.8A lo max, Green	Q	TO-252/DPAK	4
NCV1117DT18RK	On Semiconductor	1.0A lo max, Automotive applications	TLV1117-18IKVURG3	0.8A lo max, Green	Q	TO-252/DPAK	4
NCV1117DT18T5	On Semiconductor	1.0A lo max, Automotive applications	TLV1117-18IKVURG3	0.8A lo max, Green	Q	TO-252/DPAK	4
NCV1117DT18T5G	On Semiconductor	1.0A lo max, Pb-Free, Automotive applications	TLV1117-18IKVURG3	0.8A lo max, Green	Q	TO-252/DPAK	4
NCV1117DT25RK	On Semiconductor	1.0A lo max, Automotive applications	TLV1117-25IKVURG3	0.8A lo max, Green	Q	TO-252/DPAK	4
NCV1117DT25RKG	On Semiconductor	1.0A lo max, Pb-Free, Automotive applications	TLV1117-25IKVURG3	0.8A lo max, Green	Q	TO-252/DPAK	4
NCV1117DT33T5	On Semiconductor	1.0A lo max, Automotive applications	TLV1117-33IKVURG3	0.8A lo max, Green	Q	TO-252/DPAK	4
NCV1117DT33T5G	On Semiconductor	1.0A lo max, Pb-Free, Automotive applications	TLV1117-33IKVURG3	0.8A lo max, Green	Q	TO-252/DPAK	4
NCV1117DT50RK	On Semiconductor	1.0A lo max, Automotive applications	TLV1117-50IKVURG3	0.8A lo max, Green	Q	TO-252/DPAK	4
NCV1117DT50RKG	On Semiconductor	1.0A lo max, Pb-Free, Automotive applications	TLV1117-50IKVURG3	0.8A lo max, Green	Q	TO-252/DPAK	4
NCV1117DTARK	On Semiconductor	1.0A lo max, Automotive applications	TLV1117IKVURG3	0.8A lo max, Green	Q	TO-252/DPAK	4
NCV1117DTARKG	On Semiconductor	1.0A lo max, Pb-Free, Automotive applications	TLV1117IKVURG3	0.8A lo max, Green	Q	TO-252/DPAK	4
NCV1117ST15T3	On Semiconductor		TLV1117-15IDCYR		Q	SOT-223	4
NCV1117ST15T3G	On Semiconductor	Pb-Free	TLV1117-15IDCYR		Q	SOT-223	4
NCV1117ST33T3	On Semiconductor		TLV1117-33IDCYR		Q	SOT-223	4
NCV1117ST33T3G	On Semiconductor	Pb-Free	TLV1117-33IDCYR		Q	SOT-223	4
NCV1117STAT3	On Semiconductor		TLV1117IDCYR		Q	SOT-223	4
NCV1117STAT3G	On Semiconductor	Pb-Free	TLV1117IDCYR		Q	SOT-223	4
NCV1455BDR2	On Semiconductor		NA555DR	Temp range differs	S	SOIC	8
NCV1455BDR2G	On Semiconductor	Pb-Free	NA555DR	Temp range differs	S	SOIC	8
NCV317BT	On Semiconductor		LM317KCS		S	TO-220	3
NCV317BT	On Semiconductor	lout differs	LM317LCLP		Q	TO-220	3
NCV317BT	On Semiconductor	lout differs	TL317CLP		Q	TO-220	3
NCV317BT	On Semiconductor	lout differs	TL317CLPE3		Q	TO-220	3
NCV33063AVDR2	On Semiconductor	Automotive grade	MC33063AD		Q	SOIC	8
NCV33063AVDR2G	On Semiconductor	Automotive grade, Pb-Free	MC33063ADR		Q	SOIC	8
NCV7805BT	On Semiconductor	lout differs	UA7805CKCS		S	TO-220	3
NE532D	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM358D		S	SOIC	8
NE532D-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM358DR		S	SOIC	8
NE532N	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM358P		S	PDIP	8
NE5532AD8	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	NE5532AD		S	SOIC	8
NE5532AD8-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	NE5532ADR		S	SOIC	8
NE5532AN	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	NE5532AP		S	PDIP	8
NE5532D	Fairchild Semiconductor		NE5532D		S	SOIC	8
NE5532D8	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	NE5532D		S	SOIC	8
NE5532D8-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	NE5532DR		S	SOIC	8
NE5532DX	Fairchild Semiconductor		NE5532DR		S	SOIC	8
NE5532N	Fairchild Semiconductor		NE5532P		S	PDIP	8
NE5532N	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	NE5532P		S	PDIP	8
NE5534AD	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	NE5534AD		S	SOIC	8
NE5534AD-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	NE5534ADR		S	SOIC	8
NE5534AN	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	NE5534AP		S	PDIP	8
NE5534D	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	NE5534D		S	SOIC	8

NCP1117DTARKG — NE5334D

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
NE5534D-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	NE5534DR		S	SOIC	8
NE5534N	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	NE5534P		S	PDIP	8
NE555D	ST Microelectronics (STM)		NE555D		S	SOIC	8
NE555D	Fairchild Semiconductor		NE555D		S	SOIC	8
NE555D	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	NE555D		S	SOIC	8
NE555DT	ST Microelectronics (STM)		NE555DR		S	SOIC	8
NE555D-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	NE555DR		S	SOIC	8
NE555DX	Fairchild Semiconductor		NE555DR		S	SOIC	8
NE555N	ST Microelectronics (STM)		NE555P		S	PDIP	8
NE555N	Fairchild Semiconductor		NE555P		S	PDIP	8
NE555N	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	NE555P		S	PDIP	8
NE556D	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	NE556D		S	SOIC	14
NE556D-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	NE556DR		S	SOIC	14
NE556N	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	NE556N		S	PDIP	14
NE592D8	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	TL592B-8D		S	SOIC	8
NE592D8-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	TL592B-8DR		S	SOIC	8
NE592N8	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	TL592BP		S	PDIP	8
NJM082BD	New Japan Radio (NJR)	CMRR, PSRR differ	TL082ACP		S	PDIP	8
NJM082BD	New Japan Radio (NJR)	CMRR, PSRR differ	TL082BCP		S	PDIP	8
NJM082D	New Japan Radio (NJR)	CMRR, PSRR differ	TL082ACP		S	PDIP	8
NJM082D	New Japan Radio (NJR)	CMRR, PSRR differ	TL082BCP		S	PDIP	8
NJM084D	New Japan Radio (NJR)	CMRR, PSRR differ	TL084ACN		S	PDIP	14
NJM084D	New Japan Radio (NJR)	CMRR, PSRR differ	TL084BCN		S	PDIP	14
NJM2360AD	New Japan Radio (NJR)		MC33063AP		S	PDIP	8
NJM2360AM	New Japan Radio (NJR)		MC33063AD		S	SOIC	8
NJM2360AM(TEX)	New Japan Radio (NJR)		MC33063ADR		S	SOIC	8
NJM2360D	New Japan Radio (NJR)	External Ic limit resistor	MC33063AP	No external Ic limit resistor	Q	PDIP	8
NJM2360M	New Japan Radio (NJR)	External Ic limit resistor	MC33063AD	No external Ic limit resistor	Q	SOIC	8
NJM2360M(TEX)	New Japan Radio (NJR)	External Ic limit resistor	MC33063ADR	No external Ic limit resistor	Q	SOIC	8
NJM2380AF	New Japan Radio (NJR)		TL432AIDBVR		S	SOT-23	5
NJM2380F	New Japan Radio (NJR)		TL432IDBVR		S	SOT-23	5
NJM317F	New Japan Radio (NJR)		LM317KCS		S	TO-220F	3
NJM3414AD	New Japan Radio (NJR)		TL3414AIP		S	PDIP	8
NJM3414AV	New Japan Radio (NJR)		TL3414AIPW		S	TSSOP	8
NJM3414AV(TE1)	New Japan Radio (NJR)		TL3414AIPWR		S	TSSOP	8
NJM431D	New Japan Radio (NJR)		TL431CP		S	PDIP	8
NJM4560D	New Japan Radio (NJR)		RC4560IP		S	PDIP	8
NJM4580D	New Japan Radio (NJR)		RC4580IP		S	PDIP	8
NJM4580E	New Japan Radio (NJR)		RC4580ID		S	SOIC	8
NJM4580E(TE1)	New Japan Radio (NJR)		RC4580IDR		S	SOIC	8
NJM4580V	New Japan Radio (NJR)		RC4580IPW		S	TSSOP	8
NJM4580V(TE1)	New Japan Radio (NJR)		RC4580IPWR		S	TSSOP	8
NJM555D	New Japan Radio (NJR)		NE555P		S	PDIP	8
NJM555M	New Japan Radio (NJR)		NE555D	Packages differ, see data sheets	Q	SOIC	8
NJM555V	New Japan Radio (NJR)		NE555PW		S	TSSOP	8
NJM7805FA	New Japan Radio (NJR)		UA7805CKCS		S	TO-220F	3
NJM7812FA	New Japan Radio (NJR)		UA7812CKCS		S	TO-220F	3
NJM7812FA	New Japan Radio (NJR)		UA7812CKCSE3		S	TO-220F	3
NJM7824FA	New Japan Radio (NJR)		UA7824CKCS		S	TO-220F	3
NJM78L05UA	New Japan Radio (NJR)		UA78L05AIPK		S	SOT-89	3
NJM78L05UATE1	New Japan Radio (NJR)		UA78L05ACP		S	SOT-89	3
NJM78L05UATE2	New Japan Radio (NJR)		UA78L05ACP		S	SOT-89	3
NJM78L06UA	New Japan Radio (NJR)		UA78L06ACP		S	SOT-89	3
NJM78L06UA	New Japan Radio (NJR)		UA78L06ACPKG3		S	SOT-89	3
NJM78L09UA-TE1	New Japan Radio (NJR)		UA78L09ACPKG3		S	SOT-89	3
NJM78L15UA	New Japan Radio (NJR)		UA78L15ACP		S	SOT-89	3
NJM78L15UA	New Japan Radio (NJR)		UA78L15ACPKG3		S	SOT-89	3
NJM78M05FA	New Japan Radio (NJR)	Insulated Tab	UA78M05CKCS	Non-insulated Tab	S	TO-220F	3
NJM78M12DLA	New Japan Radio (NJR)		UA78M12CKVURG3		S	TO-252/DPAK	2
NJM78M12FA	New Japan Radio (NJR)		UA78M12CKCS		S	TO-220F	3
NJM7905FA	New Japan Radio (NJR)		UA7905CKCS		S	TO-220F	3
NJM7908FA	New Japan Radio (NJR)		UA7908CKCS		S	TO-220F	3
NJM7908FA	New Japan Radio (NJR)		UA7908CKCSE3		S	TO-220F	3
NJM79M05FA	New Japan Radio (NJR)		UA79M05CKCS		S	TO-220F	3

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
NL17SV00XV5T2	On Semiconductor	Vcc = 0.9V to 3.6V	SN74AUC1G00DRLR	Vcc = 0.8V to 2.7V	S	SOT-553	5
NL17SV02XV5T2	On Semiconductor	Vcc = 0.9V to 3.6V	SN74AUC1G02DRLR	Vcc = 0.8V to 2.7V	S	SOT-553	5
NL17SV04XV5T2	On Semiconductor	Vcc = 0.9V to 3.6V	SN74AUC1G04DRLR	Vcc = 0.8V to 2.7V	S	SOT-553	5
NL17SV08XV5T2	On Semiconductor	Vcc = 0.9V to 3.6V	SN74AUC1G08DRLR	Vcc = 0.8V to 2.7V	S	SOT-553	5
NL17SV32XV5T2	On Semiconductor	Vcc = 0.9V to 3.6V	SN74AUC1G32DRLR	Vcc = 0.8V to 2.7V	S	SOT-553	5
NL17SZ00XV5T2	On Semiconductor	Vcc = 2V to 5.5V	SN74LVC1G00DRLR	Vcc = 1.65V to 5.5V	S	SOT-553	5
NL17SZ02XV5T2	On Semiconductor	Vcc = 2V to 5.5V	SN74LVC1G02DRLR	Vcc = 1.65V to 5.5V	S	SOT-553	5
NL17SZ04DFT2	On Semiconductor		SN74LVC1G04DCKR		S	SC70	5
NL17SZ04XV5T2	On Semiconductor	Vcc = 2V to 5.5V	SN74LVC1G04DRLR	Vcc = 1.65V to 5.5V	S	SOT-553	5
NL17SZ06XV5T2	On Semiconductor	Vcc = 2V to 5.5V	SN74LVC1G06DRLR	Vcc = 1.65V to 5.5V	S	SOT-553	5
NL17SZ07XV5T2	On Semiconductor	Vcc = 2V to 5.5V	SN74LVC1G07DRLR	Vcc = 1.65V to 5.5V	S	SOT-553	5
NL17SZ08XV5T2	On Semiconductor	Vcc = 2V to 5.5V	SN74LVC1G08DRLR	Vcc = 1.65V to 5.5V	S	SOT-553	5
NL17SZ125DFT2	On Semiconductor		SN74LVC1G125DCKR		S	SC70/EIAJSC88	5
NL17SZ125DFT2G	On Semiconductor	Pb-Free	SN74LVC1G125DCKR		S	SC70/EIAJSC88	5
NL17SZ14DFT2	On Semiconductor		SN74LVC1G14DCKR		S	SC70/EIAJSC88	5
NL17SZ14DFT2G	On Semiconductor	Pb-Free	SN74LVC1G14DCKR		S	SC70/EIAJSC88	5
NL17SZ14XV5T2	On Semiconductor	Vcc = 2V to 5.5V	SN74LVC1G14DRLR	Vcc = 1.65V to 5.5V	S	SOT-553	5
NL17SZ17XV5T2	On Semiconductor	Vcc = 2V to 5.5V	SN74LVC1G17DRLR	Vcc = 1.65V to 5.5V	S	SOT-553	5
NL17SZ32DFT2	On Semiconductor		SN74LVC1G32DCKR		S	SC70/EIAJSC88	5
NL17SZ32DFT2G	On Semiconductor	Pb-Free	SN74LVC1G32DCKR		S	SC70/EIAJSC88	5
NL17SZ32XV5T2	On Semiconductor	Pb-Free	SN74LVC1G32DRLR	Vcc = 1.65V to 5.5V	S	SOT-553	5
NL17SZ74US	On Semiconductor		SN74LVC2G74DCUR		S	US8	8
NL17SZ74USG	On Semiconductor	Pb-Free	SN74LVC2G74DCUR		S	US8	8
NL17SZU04XV5T2	On Semiconductor	Vcc = 2V to 5.5V	SN74LVC1GU04DRLR	Vcc = 1.65V to 5.5V	S	SOT-553	5
NL27WZ00US	On Semiconductor	tpd differs	SN74LVC2G00DCUR		S	US	8
NL27WZ00USG	On Semiconductor	Pb-Free	SN74LVC2G00DCUR		S	US8	8
NL27WZ02US	On Semiconductor		SN74LVC2G02DCUR		S	US8	8
NL27WZ02USG	On Semiconductor	Pb-Free	SN74LVC2G02DCUR		S	US8	8
NL27WZ04DFT2	On Semiconductor		SN74LVC2G04DCKR		S	SC70/EIAJSC88	6
NL27WZ04DFT2G	On Semiconductor	Pb-Free	SN74LVC2G04DCKR		S	SC70/EIAJSC88	6
NL27WZ04DTT1	On Semiconductor		SN74LVC2G04DBVR		S	SOT-23	6
NL27WZ04DTT1G	On Semiconductor	Pb-Free	SN74LVC2G04DBVR		S	SOT-23	6
NL27WZ06DFT2	On Semiconductor		SN74LVC2G06DCKR		S	SC70/EIAJSC88	6
NL27WZ06DFT2G	On Semiconductor	Pb-Free	SN74LVC2G06DCKR		S	SC70/EIAJSC88	6
NL27WZ06DTT1	On Semiconductor		SN74LVC2G06DBVR		S	SOT-23	6
NL27WZ06DTT1G	On Semiconductor	Pb-Free	SN74LVC2G06DBVR		S	SOT-23	6
NL27WZ07DFT2	On Semiconductor		SN74LVC2G07DCKR		S	SC70/EIAJSC88	6
NL27WZ07DFT2G	On Semiconductor	Pb-Free	SN74LVC2G07DCKR		S	SC70/EIAJSC88	6
NL27WZ07DTT1	On Semiconductor		SN74LVC2G07DBVR		S	SOT-23	6
NL27WZ07DTT1G	On Semiconductor	Pb-Free	SN74LVC2G07DBVR		S	SOT-23	6
NL27WZ08US	On Semiconductor		SN74LVC2G08DCUR		S	US8	8
NL27WZ08USG	On Semiconductor	Pb-Free	SN74LVC2G08DCUR		S	US8	8
NL27WZ125US	On Semiconductor		SN74LVC2G125DCUR		S	US8	8
NL27WZ125USG	On Semiconductor	Pb-Free	SN74LVC2G125DCUR		S	US8	8
NL27WZ126US	On Semiconductor		SN74LVC2G126DCUR		S	US8	8
NL27WZ126USG	On Semiconductor	Pb-Free	SN74LVC2G126DCUR		S	US8	8
NL27WZ14DFT2	On Semiconductor		SN74LVC2G14DCKR		S	SC70/EIAJSC88	6
NL27WZ14DFT2G	On Semiconductor	Pb-Free	SN74LVC2G14DCKR		S	SC70/EIAJSC88	6
NL27WZ14DTT1	On Semiconductor		SN74LVC2G14DBVR		S	SOT-23	6
NL27WZ14DTT1G	On Semiconductor	Pb-Free	SN74LVC2G14DBVR		S	SOT-23	6
NL27WZ16DFT2	On Semiconductor		SN74LVC2G34DCKR		S	SC70/EIAJSC88	6
NL27WZ16DFT2G	On Semiconductor	Pb-Free	SN74LVC2G34DCKR		S	SC70/EIAJSC88	6
NL27WZ16DTT1	On Semiconductor		SN74LVC2G34DBVR		S	SOT-23	6
NL27WZ16DTT1G	On Semiconductor	Pb-Free	SN74LVC2G34DBVR		S	SOT-23	6
NL27WZ17DFT2	On Semiconductor		SN74LVC2G17DCKR		S	SC70/EIAJSC88	6
NL27WZ17DFT2G	On Semiconductor	Pb-Free	SN74LVC2G17DCKR		S	SC70/EIAJSC88	6
NL27WZ32US	On Semiconductor	tpd differs	SN74LVC2G32DCUR		S	US	8
NL27WZ32USG	On Semiconductor	Pb-Free	SN74LVC2G32DCUR		S	US8	8
NL27WZ86US	On Semiconductor		SN74LVC2G86DCUR		S	US8	8
NL27WZ86USG	On Semiconductor	Pb-Free	SN74LVC2G86DCUR		S	US8	8
NL27WZU04DFT2	On Semiconductor		SN74LVC2GU04DCKR		S	SC70	6
NL27WZU04DFT2G	On Semiconductor	Pb-Free	SN74LVC2GU04DCKR		S	SC70/EIAJSC88	6
NL27WZU04DTT1	On Semiconductor		SN74LVC2GU04DBVR		S	TSOP	6
NL27WZU04DTT1G	On Semiconductor	Pb-Free	SN74LVC2GU04DBVR		S	SOT-23	6

NL17SV00XV5T2 — NL27WZU04DTT1G

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
NL37WZ04US	On Semiconductor		SN74LVC3G04DCUR		S	US8	8
NL37WZ04USG	On Semiconductor	Pb-Free	SN74LVC3G04DCUR		S	US8	8
NL37WZ07US	On Semiconductor		SN74LVC3G07DCUR		S	US8	8
NL37WZ07USG	On Semiconductor	Pb-Free	SN74LVC3G07DCUR		S	US8	8
NL37WZ14US	On Semiconductor		SN74LVC3G14DCUR		S	US	8
NLASB3157DFT2	On Semiconductor		SN74LVC1G3157DCKR		S	SC70/EIAJSC88	6
NLASB3157DFT2G	On Semiconductor	Pb-Free	SN74LVC1G3157DCKR		S	SC70/EIAJSC88	6
OP07AZ	Maxim		OP07CP	PDIP Not CDIP, Input parameters differ	Q	CDIP	8
OP07CCSA	Maxim		OP07CD		S	SOIC	8
OP07CCSA-T	Maxim		OP07CDR		S	SOIC	8
OP07CP	Analog Devices (ADI)		OP07CP		S	PDIP	8
OP07CP	Maxim		OP07CP		S	PDIP	8
OP-07CP	Analog Devices (ADI)		OP07CP		S	PDIP	8
OP07CS	Analog Devices (ADI)		OP07CD		S	SOIC	8
OP-07CS	Analog Devices (ADI)		OP07CD		S	SOIC	8
OP07CS-REEL	Analog Devices (ADI)		OP07CDR		S	SOIC	8
OP-07CS-REEL	Analog Devices (ADI)		OP07CDR		S	SOIC	8
OP07CS-REEL7	Analog Devices (ADI)		OP07CDR		S	SOIC	8
OP-07CS-REEL7	Analog Devices (ADI)		OP07CDR		S	SOIC	8
OP07CZ	Maxim		OP07CP	PDIP Not CDIP	S	CDIP	8
OP07DCSA	Maxim		OP07DD		S	SOIC	8
OP07DCSA-T	Maxim		OP07DDR		S	SOIC	8
OP07DP	Maxim		OP07DP		S	PDIP	8
OP07ECSA	Maxim		OP07CD	Input parameters differ	Q	SOIC	8
OP07ECSA-T	Maxim		OP07CDR	Input parameters differ	Q	SOIC	8
OP07EP	Analog Devices (ADI)		OP07CP		S	PDIP	8
OP07EP	Maxim		OP07CP	Input parameters differ	Q	PDIP	8
OP-07EP	Analog Devices (ADI)		OP07CP		S	PDIP	8
OP07EZ	Maxim		OP07CP	PDIP Not CDIP, Input parameters differ	Q	CDIP	8
OP07Z	Maxim		OP07CP	PDIP Not CDIP, Input parameters differ	Q	CDIP	8
OP11GP	Analog Devices (ADI)		LM224N		S	PDIP	14
OP11GPZ	Analog Devices (ADI)	Pb-Free	LM224N		S	PDIP	14
OP221GS	Analog Devices (ADI)		LM258D		S	SOIC	8
OP221GS-REEL	Analog Devices (ADI)		LM258DR		S	SOIC	8
OP221GSZ	Analog Devices (ADI)	Pb-Free	LM258D		S	SOIC	8
OP221GSZ-REEL	Analog Devices (ADI)	Pb-Free	LM258DR		S	SOIC	8
OP249AZ	Analog Devices (ADI)	Av, GBW, PSRR, Vs differ	8102302PA		Q	CDIP	8
OP249AZ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL082ACP	PDIP not CDIP	S	CDIP	8
OP249AZMDA	Analog Devices (ADI)	Av, GBW, PSRR, Vs differ	8102302PA		Q	CDIP	8
OP249AZMDA	Analog Devices (ADI)	Av, CMRR, GBW differ	TL082ACP	PDIP not CDIP	S	CDIP	8
OP249FZ	Analog Devices (ADI)	Av, GBW, PSRR, Vs differ	8102302PA		Q	CDIP	8
OP249FZ	Analog Devices (ADI)	Av, CMRR, GBW differ	TL082ACP	PDIP not CDIP	S	CDIP	8
OP249GP	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACP		S	PDIP	8
OP249GS	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACD		S	SOIC	8
OP249GS	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACDE4		S	SOIC	8
OP249GS	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACDG4		S	SOIC	8
OP249GS	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACDRE4		S	SOIC	8
OP249GS	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACDRG4		S	SOIC	8
OP249GS	Analog Devices (ADI)	Av, CMMR, GBW, PSRR differ	TL082ID		Q	SOIC	8
OP249GS-REEL	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACDR		S	SOIC	8
OP249GS-REEL	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACDRE4		S	SOIC	8
OP249GS-REEL	Analog Devices (ADI)	Av, CMRR, GBW, PSRR differ	TL082ACDRG4		S	SOIC	8
OP292GS	Analog Devices (ADI)		LM2904D		S	SOIC	8
OP292GS-REEL	Analog Devices (ADI)		LM2904DR		S	SOIC	8
OP292GSZ	Analog Devices (ADI)	Pb-Free	LM2904D		S	SOIC	8
OP292GSZ-REEL	Analog Devices (ADI)	Pb-Free	LM2904DR		S	SOIC	8
P82B96DP	NXP Semiconductor		P82B96DGKR		S	MSOP	8
P82B96DP-T	NXP Semiconductor		P82B96DGKR		S	MSOP	8
P82B96DP-T	NXP Semiconductor		P82B96PWR		S	TSSOP	8
P82B96PN	NXP Semiconductor		P82B96P		S	PDIP	8
P82B96TD	NXP Semiconductor		P82B96D		S	SOIC	8
P82B96TD-T	NXP Semiconductor		P82B96DR		S	SOIC	8
PCA9515AD	NXP Semiconductor	Pb-Free	PCA9515AD		S	SOIC	8
PCA9515AD	NXP Semiconductor		PCA9515ADR		S	SOIC	8

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
PCA9515ADP	NXP Semiconductor	Pb-Free	PCA9515ADGKR		S	MSOP	8
PCA9515ADP-T	NXP Semiconductor	Pb-Free	PCA9515ADGKR		S	MSOP	8
PCA9515AD-T	NXP Semiconductor	Pb-Free	PCA9515ADR		S	SOIC	8
PCA9515D	NXP Semiconductor	Pb-Free	PCA9515AD		S	SOIC	8
PCA9515D	NXP Semiconductor		PCA9515ADR		S	SOIC	8
PCA9515DP	NXP Semiconductor	Pb-Free	PCA9515ADGKR		S	MSOP	8
PCA9515DP-T	NXP Semiconductor	Pb-Free	PCA9515ADGKR		S	MSOP	8
PCA9515D-T	NXP Semiconductor	Pb-Free	PCA9515ADR		S	SOIC	8
PCA9535BS	NXP Semiconductor	Pb-Free	PCA9535RGER		S	HTQFN	24
PCA9535BS-T	NXP Semiconductor	Pb-Free	PCA9535RGER		S	HTQFN	24
PCA9535D	NXP Semiconductor	Pb-Free	PCA9535DW		S	SOIC	24
PCA9535D-T	NXP Semiconductor	Pb-Free	PCA9535DWR		S	SOIC	24
PCA9535PW	NXP Semiconductor	Pb-Free	PCA9535PW		S	TSSOP	24
PCA9535PW-T	NXP Semiconductor	Pb-Free	PCA9535PWR		S	TSSOP	24
PCA9536D	NXP Semiconductor		PCA9536D		S	SOIC	8
PCA9536D	NXP Semiconductor	North American Type Number	PCA9536DR		S	SOIC	8
PCA9536DP	NXP Semiconductor		PCA9536DGKR		S	MSOP	8
PCA9536DP-T	NXP Semiconductor		PCA9536DGKR		S	MSOP	8
PCA9536D-T	NXP Semiconductor		PCA9536DR		S	SOIC	8
PCA9539BS	NXP Semiconductor	Pb-Free	PCA9539RGER		S	HTQFN	24
PCA9539BS-T	NXP Semiconductor	Pb-Free	PCA9539RGER		S	HTQFN	24
PCA9539D	NXP Semiconductor	Pb-Free	PCA9539DW		S	SOIC	24
PCA9539D-T	NXP Semiconductor	Pb-Free	PCA9539DWR		S	SOIC	24
PCA9539PW	NXP Semiconductor	Pb-Free	PCA9539PW		S	TSSOP	24
PCA9539PW-T	NXP Semiconductor	Pb-Free	PCA9539PWR		S	TSSOP	24
PCA9544ABS	NXP Semiconductor	Pb-Free	PCA9544ARGWR		S	HTQFN	20
PCA9544ABS-T	NXP Semiconductor	Pb-Free	PCA9544ARGWR		S	HTQFN	20
PCA9544AD	NXP Semiconductor	Pb-Free	PCA9544ADW		S	SOIC	20
PCA9544AD-T	NXP Semiconductor	Pb-Free	PCA9544ADWR		S	SOIC	20
PCA9544APW	NXP Semiconductor	Pb-Free	PCA9544APW		S	TSSOP	20
PCA9544APW-T	NXP Semiconductor	Pb-Free	PCA9544APWR		S	TSSOP	20
PCA9544BS	NXP Semiconductor		PCA9544ARGWR		S	QFN	20
PCA9544BS-T	NXP Semiconductor	North American Type Number	PCA9544ARGWR		S	QFN	20
PCA9544D	NXP Semiconductor		PCA9544ADW		S	SOIC	20
PCA9544D-T	NXP Semiconductor	North American Type Number	PCA9544ADWR		S	SOIC	20
PCA9544PW	NXP Semiconductor		PCA9544APW		S	TSSOP	20
PCA9544PW-T	NXP Semiconductor	North American Type Number	PCA9544APWR		S	TSSOP	20
PCA9545ABS	NXP Semiconductor	Pb-Free	PCA9545ARGWR		S	HTQFN	20
PCA9545ABS-T	NXP Semiconductor	Pb-Free	PCA9545ARGWR		S	HTQFN	20
PCA9545AD	NXP Semiconductor	Pb-Free	PCA9545ADW		S	SOIC	20
PCA9545AD-T	NXP Semiconductor	Pb-Free	PCA9545ADWR		S	SOIC	20
PCA9545APW	NXP Semiconductor	Pb-Free	PCA9545APW		S	TSSOP	20
PCA9545APW-T	NXP Semiconductor	Pb-Free	PCA9545APWR		S	TSSOP	20
PCA9545BS	NXP Semiconductor		PCA9545ARGWR		S	QFN	20
PCA9545BS-T	NXP Semiconductor	North American Type Number	PCA9545ARGWR		S	QFN	20
PCA9545D	NXP Semiconductor		PCA9545ADW		S	SOIC	20
PCA9545D-T	NXP Semiconductor	North American Type Number	PCA9545ADWR		S	SOIC	20
PCA9545PW	NXP Semiconductor		PCA9545APW		S	TSSOP	20
PCA9545PW-T	NXP Semiconductor	North American Type Number	PCA9545APWR		S	TSSOP	20
PCA9546ABS	NXP Semiconductor	Pb-Free	PCA9546ARGVR		S	HTQFN	16
PCA9546ABS-T	NXP Semiconductor	Pb-Free	PCA9546ARGVR		S	HTQFN	16
PCA9546AD	NXP Semiconductor	Pb-Free	PCA9546AD		S	SOIC	16
PCA9546AD-T	NXP Semiconductor	Pb-Free	PCA9546ADR		S	SOIC	16
PCA9546APW	NXP Semiconductor	Pb-Free	PCA9546APW		S	TSSOP	16
PCA9546APW-T	NXP Semiconductor	Pb-Free	PCA9546APWR		S	TSSOP	16
PCA9546BS	NXP Semiconductor	North American Type Number	PCA9546ARGVR		S	QFN	16
PCA9546D	NXP Semiconductor		PCA9546AD		S	SOIC	16
PCA9546D-T	NXP Semiconductor	North American Type Number	PCA9546ADR		S	SOIC	16
PCA9546PW	NXP Semiconductor		PCA9546APW		S	TSSOP	16
PCA9546PW-T	NXP Semiconductor	North American Type Number	PCA9546APWR		S	TSSOP	16
PCA9548APW	NXP Semiconductor		PCA9548APW		S	TSSOP	24
PCA9548APW-T	NXP Semiconductor		PCA9548APWR		S	TSSOP	24
PCA9554D	NXP Semiconductor		PCA9554DW		S	SOIC	16
PCA9554DB	NXP Semiconductor		PCA9554DB		S	SSOP	16

PCA9515ADP — PCA9554DB

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
PCA9554DB-T	NXP Semiconductor		PCA9554DBR		S	PDIP	16
PCA9554D-T	NXP Semiconductor		PCA9554DWR		S	SSOP	16
PCA9554PW	NXP Semiconductor		PCA9554PWR		S	TSSOP	16
PCA9554PW-T	NXP Semiconductor		PCA9554PWR		S	TSSOP	16
PCA9554TS	NXP Semiconductor	20 pin	PCA9554PW	16 pin package, not 20 pin	P	SSOP	20
PCA9554TS-T	NXP Semiconductor	20 pin	PCA9554PWR	16 pin package, not 20 pin	P	SSOP	20
PCA9555BS	NXP Semiconductor	Pb-Free	PCA9555RGER		S	HTQFN	24
PCA9555BS-T	NXP Semiconductor	Pb-Free	PCA9555RGER		S	HTQFN	24
PCA9555D	NXP Semiconductor	Pb-Free	PCA9555DW		S	SOIC	24
PCA9555DB	NXP Semiconductor	Pb-Free	PCA9555DB		S	SSOP	24
PCA9555DB-T	NXP Semiconductor	Pb-Free	PCA9555DBR		S	SSOP	24
PCA9555D-T	NXP Semiconductor	Pb-Free	PCA9555DWR		S	SOIC	24
PCA9555PW	NXP Semiconductor	Pb-Free	PCA9555PW		S	TSSOP	24
PCA9555PW-T	NXP Semiconductor	Pb-Free	PCA9555PWR		S	TSSOP	24
PCA9557BS	NXP Semiconductor	Pb-Free	PCA9557RGVR		S	HTQFN	16
PCA9557BS-T	NXP Semiconductor	Pb-Free	PCA9557RGVR		S	HTQFN	16
PCA9557D	NXP Semiconductor	Pb-Free	PCA9557D		S	SOIC	16
PCA9557D-T	NXP Semiconductor	Pb-Free	PCA9557DR		S	SOIC	16
PCA9557D-T	NXP Semiconductor		PCA9557DT		S	SOIC	16
PCA9557PW	NXP Semiconductor	Pb-Free	PCA9557PW		S	TSSOP	16
PCF8574AP	NXP Semiconductor		PCF8574AN		S	PDIP	16
PCF8574APN	NXP Semiconductor	North American Type Number	PCF8574AN		S	PDIP	16
PCF8574AT	NXP Semiconductor	Discontinued in June 2005	PCF8574ADW		S	SOIC	16
PCF8574AT/3	NXP Semiconductor	Dry Pack (Pb-free)	PCF8574ADW		S	SOIC	16
PCF8574AT/3-T	NXP Semiconductor	Dry pack, Pb-Free	PCF8574ADWR		S	SOIC	16
PCF8574AT/T3	NXP Semiconductor		PCF8574ADWR		S	SOIC	16
PCF8574ATD	NXP Semiconductor	North American Type Number	PCF8574ADW		S	SOIC	16
PCF8574ATDK	NXP Semiconductor	North American Type Number	PCF8574APW		S	TSSOP	20
PCF8574ATDK-T	NXP Semiconductor	North American Type Number	PCF8574APWR		S	TSSOP	20
PCF8574ATD-T	NXP Semiconductor	North American Type Number	PCF8574ADWR		S	SOIC	16
PCF8574ATS/F3	NXP Semiconductor		PCF8574APW		S	TSSOP	20
PCF8574ATS/F3-T	NXP Semiconductor		PCF8574APWR		S	TSSOP	20
PCF8574P	NXP Semiconductor		PCF8574N		S	PDIP	16
PCF8574PN	NXP Semiconductor	North American Type Number	PCF8574N		S	PDIP	16
PCF8574T	NXP Semiconductor	Discontinued in June 2005	PCF8574DW		S	SOIC	16
PCF8574T/3	NXP Semiconductor	Dry Pack (Pb-free)	PCF8574DW		S	SOIC	16
PCF8574T/3-T	NXP Semiconductor	Dry pack, Pb-Free	PCF8574DWR		S	SOIC	16
PCF8574T/T3	NXP Semiconductor		PCF8574DWR		S	SOIC	16
PCF8574TD	NXP Semiconductor	North American Type Number	PCF8574DW		S	SOIC	16
PCF8574TDK	NXP Semiconductor	North American Type Number	PCF8574PW		S	TSSOP	20
PCF8574TDK-T	NXP Semiconductor	North American Type Number	PCF8574PWR		S	TSSOP	20
PCF8574TD-T	NXP Semiconductor	North American Type Number	PCF8574DWR		S	SOIC	16
PCF8574TS/3	NXP Semiconductor	Dry Pack (Pb-free)	PCF8574PW		S	TSSOP	20
PCF8574TS/F3	NXP Semiconductor	Discontinued in June 2005	PCF8574PW		S	TSSOP	20
PCF8574TS/F3-T	NXP Semiconductor	Discontinued DN-53, 06/30/2004	PCF8574PWR		S	TSSOP	20
PCF8574TS-T	NXP Semiconductor		PCF8574PWR		S	TSSOP	20
PCF8575CTS	NXP Semiconductor		PCF8575CDB		S	SSOP	24
PCF8575CTS/F1	NXP Semiconductor		PCF8575CDB		S	SSOP	24
PCF8575CTS/F1	NXP Semiconductor	Pb-Free	PCF8575CDB		S	SSOP	24
PCF8575CTS/F1-T	NXP Semiconductor	Pb-Free	PCF8575CDBR		S	SSOP	24
PCF8575TS/1-T	NXP Semiconductor		PCF8575DBR		S	SSOP	24
PCF8575TS/F1-T	NXP Semiconductor	Pb-Free	PCF8575DBR		S	SSOP	24
PCF8575TSDB-T	NXP Semiconductor	Pb-Free	PCF8575DBR		S	SSOP	24
PI3A125CX	Pericom Semiconductor	Analog specifications also, lower Ron	SN74CBTLV1G125DCKR		S	SC70/EIAJSC88	5
PI3A125TX	Pericom Semiconductor	Analog specifications also, lower Ron	SN74CBTLV1G125DBVR		S	SOT-23	5
PI3B16210A	Pericom Semiconductor	Vs differs	SN74CBTLV16210GR		S	TSSOP	48
PI3B16210AX	Pericom Semiconductor		SN74CBTLV16210GR		S	TSSOP	48
PI3B16210V	Pericom Semiconductor		SN74CBTLV16210DL		S	SSOP	48
PI3B16210VX	Pericom Semiconductor		SN74CBTLV16210DLR		S	SSOP	48
PI3B16211A	Pericom Semiconductor	Vs differs	SN74CBTLV16211GR		S	TSSOP	56
PI3B16211AX	Pericom Semiconductor		SN74CBTLV16211GR		S	TSSOP	56
PI3B16211V	Pericom Semiconductor		SN74CBTLV16211DL		S	SSOP	56
PI3B16211VX	Pericom Semiconductor		SN74CBTLV16211DLR		S	SSOP	56
PI3B16212A	Pericom Semiconductor		SN74CBTLV16212GR		S	TSSOP	56

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
PI3B16212AX	Pericom Semiconductor		SN74CBTLV16212GR		S	TSSOP	56
PI3B16212V	Pericom Semiconductor		SN74CBTLV16212DL		S	SSOP	56
PI3B16212VX	Pericom Semiconductor		SN74CBTLV16212DLR		S	SSOP	56
PI3B16292A	Pericom Semiconductor		SN74CBTLV16292GR		S	TSSOP	56
PI3B16292AX	Pericom Semiconductor		SN74CBTLV16292GR		S	TSSOP	56
PI3B16292V	Pericom Semiconductor		SN74CBTLV16292DL		S	SSOP	56
PI3B16292VX	Pericom Semiconductor		SN74CBTLV16292DLR		S	SSOP	56
PI3B3125L	Pericom Semiconductor		SN74CBTLV3125PW		S	TSSOP	14
PI3B3126L	Pericom Semiconductor		SN74CBTLV3126PW		S	TSSOP	14
PI3B3126LX	Pericom Semiconductor		SN74CBTLV3126PWR		S	TSSOP	14
PI3B3126Q	Pericom Semiconductor		SN74CBTLV3126DBQR		S	QSOP	16
PI3B3126QX	Pericom Semiconductor		SN74CBTLV3126DBQR		S	SSOP/QSOP	16
PI3B3126W	Pericom Semiconductor		SN74CBTLV3126D		S	SOIC	14
PI3B3126WX	Pericom Semiconductor		SN74CBTLV3126DR		S	SOIC	14
PI3B3245L	Pericom Semiconductor		SN74CBTLV3245APW		S	TSSOP	20
PI3B3245LX	Pericom Semiconductor		SN74CBTLV3245APWR		S	TSSOP	20
PI3B3245Q	Pericom Semiconductor		SN74CBTLV3245ADBQR		S	SSOP/QSOP	20
PI3B3245Q	Pericom Semiconductor		SN74CBTLV3245ADBQR		S	QSOP	20
PI3B3245QX	Pericom Semiconductor		SN74CBTLV3245ADBQR		S	SSOP/QSOP	20
PI3B3251L	Pericom Semiconductor		SN74CBTLV3251PWR		S	TSSOP	16
PI3B3251LX	Pericom Semiconductor		SN74CBTLV3251PWR		S	TSSOP	16
PI3B3251Q	Pericom Semiconductor		SN74CBTLV3251DBQR		S	QSOP	16
PI3B3251QX	Pericom Semiconductor		SN74CBTLV3251DBQR		S	SSOP/QSOP	16
PI3B3253L	Pericom Semiconductor		SN74CBTLV3253PW		S	TSSOP	16
PI3B3253LX	Pericom Semiconductor		SN74CBTLV3253PWR		S	TSSOP	16
PI3B3253Q	Pericom Semiconductor		SN74CBTLV3253DBQR		S	QSOP	16
PI3B3253QX	Pericom Semiconductor		SN74CBTLV3253DBQR		S	SSOP/QSOP	16
PI3B3257L	Pericom Semiconductor		SN74CBTLV3257PW		S	TSSOP	16
PI3B3257LX	Pericom Semiconductor		SN74CBTLV3257PWR		S	TSSOP	16
PI3B3257Q	Pericom Semiconductor		SN74CBTLV3257DBQR		S	QSOP	16
PI3B3257QX	Pericom Semiconductor		SN74CBTLV3257DBQR		S	SSOP/QSOP	16
PI3B3257W	Pericom Semiconductor		SN74CBTLV3257D		S	SOIC	16
PI3B3257WX	Pericom Semiconductor		SN74CBTLV3257DR		S	SOIC	16
PI3B3384L	Pericom Semiconductor		SN74CBTLV3384PW		S	TSSOP	24
PI3B3384LX	Pericom Semiconductor		SN74CBTLV3384PWR		S	TSSOP	24
PI3B3384Q	Pericom Semiconductor		SN74CBTLV3384DBQR		S	SSOP/QSOP	24
PI3B3384Q	Pericom Semiconductor		SN74CBTLV3384DBQR		S	SSOP	24
PI3B3384QX	Pericom Semiconductor		SN74CBTLV3384DBQR		S	SSOP/QSOP	24
PI3B3861L	Pericom Semiconductor		SN74CBTLV3861PW		S	TSSOP	24
PI3B3861LX	Pericom Semiconductor		SN74CBTLV3861PWR		S	TSSOP	24
PI3B3861Q	Pericom Semiconductor		SN74CBTLV3861DBQR		S	QSOP	24
PI3B3861QX	Pericom Semiconductor		SN74CBTLV3861DBQR		S	SSOP/QSOP	24
PI3C3305L	Pericom Semiconductor		SN74CB3Q3305PW		S	TSSOP	8
PI3C3305LE	Pericom Semiconductor	Green	SN74CB3Q3305PW		S	TSSOP	8
PI3C3305LEX	Pericom Semiconductor	Green	SN74CB3Q3305PWR		S	TSSOP	8
PI3C3305LX	Pericom Semiconductor		SN74CB3Q3305PWR		S	TSSOP	8
PI3C3306L	Pericom Semiconductor		SN74CB3Q3306APW		S	TSSOP	8
PI3C3306LE	Pericom Semiconductor	Green	SN74CB3Q3306APW		S	TSSOP	8
PI3C3306LEX	Pericom Semiconductor	Green	SN74CB3Q3306APWR		S	TSSOP	8
PI3C3306LX	Pericom Semiconductor		SN74CB3Q3306APWR		S	TSSOP	8
PI3L100L	Pericom Semiconductor		TS3L100PW		S	TSSOP	16
PI3L100LE	Pericom Semiconductor	Green	TS3L100PW		S	TSSOP	16
PI3L100LEX	Pericom Semiconductor	Green	TS3L100PWR		S	TSSOP	16
PI3L100LX	Pericom Semiconductor		TS3L100PWR		S	TSSOP	16
PI3L100Q	Pericom Semiconductor		TS3L100DBQR		S	QSOP	16
PI3L100QE	Pericom Semiconductor		TS3L100DBQR		S	QSOP	16
PI3L100QEX	Pericom Semiconductor	Green	TS3L100DBQR		S	QSOP/SSOP	16
PI3L100QX	Pericom Semiconductor		TS3L100DBQR		S	QSOP/SSOP	16
PI3L110L	Pericom Semiconductor		TS3L110PW	Higher b/w - 500MHz loff	S	TSSOP	16
PI3L110LX	Pericom Semiconductor		TS3L110PWR	Higher b/w - 500MHz loff	S	TSSOP	16
PI3L110Q	Pericom Semiconductor		TS3L110DBQR	Higher b/w - 500MHz loff,	S	SSOP/QSOP	16
PI3L110QX	Pericom Semiconductor		TS3L110DBQR	Higher b/w - 500MHz loff	S	SSOP/QSOP	16
PI3L301DA	Pericom Semiconductor		TS3L301DGGR	Higher bandwidth, lower cross-talk, lower Con	S	TSSOP	48
PI3L301DAE	Pericom Semiconductor	Pb-Free	TS3L301DGGR	Higher bandwidth, lower cross-talk, lower Con	S	TSSOP	48

PI3B16212AX — PI3L301DAE

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
PI3L301DAEX	Pericom Semiconductor	Pb-Free	TS3L301DGGR	Higher bandwidth, lower cross-talk, lower Con	S	TSSOP	48
PI3L301DAX	Pericom Semiconductor		TS3L301DGGR	Higher bandwidth, lower cross-talk, lower Con	S	TSSOP	48
PI3L301DK	Pericom Semiconductor		TS3L301DGVR	Higher bandwidth, lower cross-talk, lower Con	S	TVSOP	48
PI3L301DKE	Pericom Semiconductor	Pb-Free	TS3L301DGVR	Higher bandwidth, lower cross-talk, lower Con	S	TVSOP	48
PI3L301DKEX	Pericom Semiconductor	Pb-Free	TS3L301DGVR	Higher bandwidth, lower cross-talk, lower Con	S	TVSOP	48
PI3L301DKX	Pericom Semiconductor		TS3L301DGVR	Higher bandwidth, lower cross-talk, lower Con	S	TVSOP	48
PI5A3157CX	Pericom Semiconductor		SN74LVC1G3157DCKR		S	SC70/EIAJSC88	6
PI5A3159TEX	Pericom Semiconductor	Green	TS5A3159DBVR		S	SOT-23	6
PI5A3159TX	Pericom Semiconductor		TS5A3159DBVR		S	SOT-23	6
PI5A4594ACEX	Pericom Semiconductor	Green	TS5A4594DCKR		S	SC70	5
PI5A4594ACX	Pericom Semiconductor		TS5A4594DCKR		S	SC70	5
PI5A4595ACEX	Pericom Semiconductor	Green	TS5A4595DCKR		S	SC70	5
PI5A4595ACX	Pericom Semiconductor		TS5A4595DCKR		S	SC70	5
PI5A4596ACEX	Pericom Semiconductor	Green	TS5A4596DCKR		S	SC70	5
PI5A4596ACX	Pericom Semiconductor		TS5A4596DCKR		S	SC70	5
PI5A4597ACEX	Pericom Semiconductor	Green	TS5A4597DCKR		S	SC70	5
PI5A4597ACX	Pericom Semiconductor		TS5A4597DCKR		S	SC70	5
PI5A4626TX	Pericom Semiconductor		TS5A3166DCKR		S	SOT-23	5
PI5C16209A	Pericom Semiconductor		SN74CBT16209ADGGR		S	TSSOP	48
PI5C16209AX	Pericom Semiconductor		SN74CBT16209ADGGR		S	TSSOP	48
PI5C16209V	Pericom Semiconductor		SN74CBT16209ADL		S	SSOP	48
PI5C16209VX	Pericom Semiconductor		SN74CBT16209ADL		S	SSOP	48
PI5C16210A	Pericom Semiconductor		SN74CBT16210DGGR		S	TSSOP	48
PI5C16210AX	Pericom Semiconductor		SN74CBT16210DGGR		S	TSSOP	48
PI5C16210K	Pericom Semiconductor		SN74CBT16210DGVR		S	TVSOP	48
PI5C16210KX	Pericom Semiconductor		SN74CBT16210DGVR		S	TVSOP	48
PI5C16210V	Pericom Semiconductor		SN74CBT16210DL		S	SSOP	48
PI5C16210VX	Pericom Semiconductor		SN74CBT16210DL		S	SSOP	48
PI5C16211A	Pericom Semiconductor		SN74CBT16211ADGGR		S	TSSOP	56
PI5C16211AX	Pericom Semiconductor		SN74CBT16211ADGGR		S	TSSOP	56
PI5C16211K	Pericom Semiconductor		SN74CBT16211ADGVR		S	TVSOP	56
PI5C16211KX	Pericom Semiconductor		SN74CBT16211ADGVR		S	TVSOP	56
PI5C16211V	Pericom Semiconductor		SN74CBT16211ADL		S	SSOP	56
PI5C16211VX	Pericom Semiconductor		SN74CBT16211ADL		S	SSOP	56
PI5C16212A	Pericom Semiconductor		SN74CBT16212ADGGR		S	TSSOP	56
PI5C16212AX	Pericom Semiconductor		SN74CBT16212ADGGR		S	TSSOP	56
PI5C16212V	Pericom Semiconductor		SN74CBT16212ADL		S	SSOP	56
PI5C16212VX	Pericom Semiconductor		SN74CBT16212ADL		S	SSOP	56
PI5C16213A	Pericom Semiconductor		SN74CBT16213DGGR		S	TSSOP	56
PI5C16213AX	Pericom Semiconductor		SN74CBT16213DGGR		S	TSSOP	56
PI5C16213V	Pericom Semiconductor		SN74CBT16213DL		S	SSOP	56
PI5C16213VX	Pericom Semiconductor		SN74CBT16213DL		S	SSOP	56
PI5C16214A	Pericom Semiconductor		SN74CBT16214CDGGR		S	TSSOP	56
PI5C16214AX	Pericom Semiconductor		SN74CBT16214DGGR		S	TSSOP	56
PI5C16214AX	Pericom Semiconductor		SN74CBT16214CDGGR		S	TSSOP	56
PI5C16214V	Pericom Semiconductor		SN74CBT16214CDL		S	SSOP	56
PI5C16214VX	Pericom Semiconductor		SN74CBT16214CDL		S	SSOP	56
PI5C16233CA	Pericom Semiconductor		SN74CBT16233DGGR		S	TSSOP	56
PI5C16244A	Pericom Semiconductor		SN74CBT16244DGGR		S	TSSOP	48
PI5C16244AX	Pericom Semiconductor		SN74CBT16244DGGR		S	TSSOP	48
PI5C16244V	Pericom Semiconductor	Discontinued PDN 05-0701, 07/08/2005	SN74CBT16244DL		S	SSOP	48
PI5C16244VX	Pericom Semiconductor	Discontinued PDN 05-0701, 07/08/2005	SN74CBT16244DL		S	SSOP	48
PI5C16245A	Pericom Semiconductor		SN74CBT16245DGGR		S	TSSOP	48
PI5C16245AX	Pericom Semiconductor		SN74CBT16245DGGR		S	TSSOP	48
PI5C16245V	Pericom Semiconductor		SN74CBT16245DL		S	SSOP	48
PI5C16245VX	Pericom Semiconductor		SN74CBT16245DL		S	SSOP	48
PI5C16292A	Pericom Semiconductor		SN74CBT16292DGGR		S	TSSOP	56
PI5C16292AX	Pericom Semiconductor		SN74CBT16292DGGR		S	TSSOP	56
PI5C16292V	Pericom Semiconductor		SN74CBT16292DL		S	SSOP	56
PI5C16292VX	Pericom Semiconductor		SN74CBT16292DL		S	SSOP	56
PI5C16861A	Pericom Semiconductor	tpd differs	SN74CBT16861DGGR		S	TSSOP	48
PI5C16861AX	Pericom Semiconductor		SN74CBT16861DGGR		S	TSSOP	48
PI5C16861V	Pericom Semiconductor		SN74CBT16861DL		S	SSOP	48
PI5C16861VX	Pericom Semiconductor		SN74CBT16861DL		S	SSOP	48

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
PI5C3125L	Pericom Semiconductor		SN74CBT3125PW		S	TSSOP	14
PI5C3125LX	Pericom Semiconductor		SN74CBT3125PWR		S	TSSOP	14
PI5C3125Q	Pericom Semiconductor		SN74CBT3125DBQR		S	QSOP	16
PI5C3125QX	Pericom Semiconductor		SN74CBT3125DBQR		S	SSOP/QSOP	16
PI5C3125W	Pericom Semiconductor		SN74CBT3125D		S	SOIC	14
PI5C3125WX	Pericom Semiconductor		SN74CBT3125DR		S	SOIC	14
PI5C3126L	Pericom Semiconductor		SN74CBT3126PW		S	TSSOP	14
PI5C3126LX	Pericom Semiconductor		SN74CBT3126PWR		S	TSSOP	14
PI5C3126Q	Pericom Semiconductor		SN74CBT3126DBQR		S	QSOP	16
PI5C3126QX	Pericom Semiconductor		SN74CBT3126DBQR		S	SSOP/QSOP	16
PI5C3126W	Pericom Semiconductor		SN74CBT3126D		S	SOIC	14
PI5C3126WX	Pericom Semiconductor		SN74CBT3126DR		S	SOIC	14
PI5C3244L	Pericom Semiconductor		SN74CBT3244PW		S	TSSOP	20
PI5C3244LX	Pericom Semiconductor		SN74CBT3244PWR		S	TSSOP	20
PI5C3244Q	Pericom Semiconductor		SN74CBT3244DBQR		S	QSOP	20
PI5C3244QX	Pericom Semiconductor		SN74CBT3244DBQR		S	SSOP/QSOP	20
PI5C3244S	Pericom Semiconductor		SN74CBT3244DW		S	SOIC	20
PI5C3245L	Pericom Semiconductor		SN74CBT3245APW		S	TSSOP	20
PI5C3245LX	Pericom Semiconductor		SN74CBT3245APWR		S	TSSOP	20
PI5C3245Q	Pericom Semiconductor		SN74CBT3245ADBQR		S	QSOP	20
PI5C3245QX	Pericom Semiconductor		SN74CBT3245ADBQR		S	QSOP	20
PI5C3245S	Pericom Semiconductor		SN74CBT3245ADW		S	SOIC	20
PI5C3245SX	Pericom Semiconductor		SN74CBT3245ADWR		S	SOIC	20
PI5C3251L	Pericom Semiconductor		SN74CBT3251PW		S	TSSOP	16
PI5C3251LX	Pericom Semiconductor		SN74CBT3251PWR		S	TSSOP	16
PI5C3251Q	Pericom Semiconductor		SN74CBT3251DBQR		S	QSOP	16
PI5C3251QX	Pericom Semiconductor		SN74CBT3251DBQR		S	SSOP/QSOP	16
PI5C3251S	Pericom Semiconductor		SN74CBT3251D		S	SOIC	16
PI5C3251SX	Pericom Semiconductor		SN74CBT3251DR		S	SOIC	16
PI5C3251W	Pericom Semiconductor		SN74CBT3251D		S	SOIC	16
PI5C3251WE	Pericom Semiconductor		SN74CBT3251DR		S	SOIC	16
PI5C3251WX	Pericom Semiconductor		SN74CBT3251DR		S	SOIC	16
PI5C3253CL	Pericom Semiconductor		SN74CBT3253CPW		S	TSSOP	16
PI5C3253CLX	Pericom Semiconductor		SN74CBT3253CPWR		S	TSSOP	16
PI5C3253CQ	Pericom Semiconductor	tpd differs	SN74CBT3253CDBQR		S	QSOP	16
PI5C3253CQX	Pericom Semiconductor		SN74CBT3253CDBQR		S	SSOP/QSOP	16
PI5C3253CW	Pericom Semiconductor		SN74CBT3253CD		S	SOIC	16
PI5C3253CWX	Pericom Semiconductor		SN74CBT3253CDR		S	SOIC	16
PI5C3253L	Pericom Semiconductor		SN74CBT3253CPW		S	TSSOP	16
PI5C3253L	Pericom Semiconductor		SN74CBT3253PW		S	TSSOP	16
PI5C3253L	Pericom Semiconductor		SN74CBT3253PWR		S	TSSOP	16
PI5C3253LX	Pericom Semiconductor		SN74CBT3253CPWR		S	TSSOP	16
PI5C3253Q	Pericom Semiconductor	tpd differs	SN74CBT3253CDBQR		S	QSOP	16
PI5C3253Q	Pericom Semiconductor		SN74CBT3253DBQR		S	QSOP	16
PI5C3253QX	Pericom Semiconductor		SN74CBT3253CDBQR		S	SSOP/QSOP	16
PI5C3253S	Pericom Semiconductor	tpd differs	SN74CBT3253CD		S	SOIC	16
PI5C3253SX	Pericom Semiconductor	tpd differs	SN74CBT3253CDR		S	SOIC	16
PI5C3253W	Pericom Semiconductor		SN74CBT3253CD		S	SOIC	16
PI5C3253W	Pericom Semiconductor		SN74CBT3253D		S	SOIC	16
PI5C3253WX	Pericom Semiconductor		SN74CBT3253CDR		S	SOIC	16
PI5C3257CH	Pericom Semiconductor		SN74CBT3257CDBR		S	SSOP	16
PI5C3257CHX	Pericom Semiconductor		SN74CBT3257CDBR		S	SSOP	16
PI5C3257CL	Pericom Semiconductor		SN74CBT3257CPW		S	TSSOP	16
PI5C3257CLX	Pericom Semiconductor		SN74CBT3257CPWR		S	TSSOP	16
PI5C3257CQ	Pericom Semiconductor		SN74CBT3257CDBQR		S	QSOP	16
PI5C3257CQX	Pericom Semiconductor		SN74CBT3257CDBQR	Package height is 0.55 mm greater	S	SSOP/QSOP	16
PI5C3257CW	Pericom Semiconductor		SN74CBT3257CD		S	SOIC	16
PI5C3257CWX	Pericom Semiconductor		SN74CBT3257CDR		S	SOIC	16
PI5C3257Q	Pericom Semiconductor		SN74CBT3257CDBQR		S	SSOP/QSOP	16
PI5C3257QX	Pericom Semiconductor		SN74CBT3257CDBQR		S	SSOP/QSOP	16
PI5C3257R	Pericom Semiconductor		SN74CBT3257CDBQR	Package height is 0.55 mm greater	S	SSOP/QSOP	16
PI5C3257RX	Pericom Semiconductor		SN74CBT3257CDBQR	Package height is 0.55 mm greater	S	SSOP/QSOP	16
PI5C3257S	Pericom Semiconductor		SN74CBT3257CD		S	SOIC	16
PI5C3257W	Pericom Semiconductor		SN74CBT3257CD		S	SOIC	16

PI5C3125L — PI5C3257W

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
PI5C3257WX	Pericom Semiconductor		SN74CBT3257CDR		S	SOIC	16
PI5C3302C	Pericom Semiconductor	Discontinued PDN 05-0701, 07/08/2005	SN74CBT1G125DCKR		S	SC70/EIAJSC88	5
PI5C3302C	Pericom Semiconductor		SN74CBTD1G125DCKR		S	SC70	5
PI5C3302CX	Pericom Semiconductor	Discontinued PDN 05-0701, 07/08/2005	SN74CBT1G125DCKR		S	SC70/EIAJSC88	5
PI5C3302T	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	SN74CBT1G125DBVR		S	SOT-23	5
PI5C3302T	Pericom Semiconductor		SN74CBTD1G125DBVR		S	SOT-23	5
PI5C3302TX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	SN74CBT1G125DBVR		S	SOT-23	5
PI5C3305L	Pericom Semiconductor		SN74CBT3305CPW		S	TSSOP	14
PI5C3305LX	Pericom Semiconductor		SN74CBT3305CPWR		S	TSSOP	14
PI5C3305U	Pericom Semiconductor	tpd differs	SN74CBT3305CDGKR		S	MSOP	8
PI5C3305UX	Pericom Semiconductor		SN74CBT3305CDGKR		S	MSOP	14
PI5C3306L	Pericom Semiconductor		SN74CBT3306PW		S	TSSOP	8
PI5C3306LX	Pericom Semiconductor		SN74CBT3306PWR		S	TSSOP	8
PI5C3383L	Pericom Semiconductor		SN74CBT3383PW		S	TSSOP	24
PI5C3383LX	Pericom Semiconductor		SN74CBT3383PWR		S	TSSOP	24
PI5C3383Q	Pericom Semiconductor	tpd differs	SN74CBT3383DBQR		S	QSOP	24
PI5C3383QX	Pericom Semiconductor		SN74CBT3383DBQR		S	SSOP/QSOP	24
PI5C3383R	Pericom Semiconductor		SN74CBT3383DBQR	Package height is 0.55 mm greater	S	SSOP/QSOP	24
PI5C3383RX	Pericom Semiconductor		SN74CBT3383DBQR	Package height is 0.55 mm greater	S	SSOP/QSOP	24
PI5C3383S	Pericom Semiconductor		SN74CBT3383DW		S	SOIC	24
PI5C3383SX	Pericom Semiconductor		SN74CBT3383DWR		S	SOIC	24
PI5C3384AL	Pericom Semiconductor		SN74CBT3384APW		S	TSSOP	24
PI5C3384ALX	Pericom Semiconductor		SN74CBT3384APWR		S	TSSOP	24
PI5C3384AQ	Pericom Semiconductor		SN74CBT3384ADBQR		S	QSOP	24
PI5C3384AQX	Pericom Semiconductor		SN74CBT3384ADBQR		S	SSOP/QSOP	24
PI5C3384CL	Pericom Semiconductor		SN74CBT3384CPW		S	TSSOP	24
PI5C3384CLX	Pericom Semiconductor		SN74CBT3384CPWR		S	TSSOP	24
PI5C3384CQ	Pericom Semiconductor	tpd differs	SN74CBT3384CDBQR		S	QSOP	24
PI5C3384CQ	Pericom Semiconductor		SN74CBT3384CDBQR		S	SSOP/QSOP	24
PI5C3384CQX	Pericom Semiconductor		SN74CBT3384CDBQR		S	SSOP/QSOP	24
PI5C3384CR	Pericom Semiconductor		SN74CBT3384CDBQR	Package height is 0.55 mm greater	S	SSOP/QSOP	24
PI5C3384CRX	Pericom Semiconductor		SN74CBT3384CDBQR	Package height is 0.55 mm greater	S	SSOP/QSOP	24
PI5C3384CS	Pericom Semiconductor		SN74CBT3384CDW		S	SOIC	24
PI5C3384CSX	Pericom Semiconductor		SN74CBT3384CDWR		S	SOIC	24
PI5C3384L	Pericom Semiconductor		SN74CBT3384APW		S	TSSOP	24
PI5C3384LX	Pericom Semiconductor		SN74CBT3384APWR		S	TSSOP	24
PI5C3384Q	Pericom Semiconductor	tpd differs	SN74CBT3384ADBQR		S	QSOP	24
PI5C3384QX	Pericom Semiconductor		SN74CBT3384ADBQR		S	SSOP/QSOP	24
PI5C3384R	Pericom Semiconductor		SN74CBT3384ADBQR	Package height is 0.55 mm greater	S	SSOP/QSOP	24
PI5C3384RX	Pericom Semiconductor		SN74CBT3384ADBQR	Package height is 0.55 mm greater	S	SSOP/QSOP	24
PI5C3384S	Pericom Semiconductor		SN74CBT3384ADW		S	SOIC	24
PI5C3384SX	Pericom Semiconductor		SN74CBT3384ADWR		S	SOIC	24
PI5C3861Q	Pericom Semiconductor		SN74CBT3861DBQR		S	QSOP	24
PI5C3861QX	Pericom Semiconductor		SN74CBT3861DBQR		S	SSOP/QSOP	24
PI5C3861S	Pericom Semiconductor		SN74CBT3861DW		S	SOIC	24
PI5C3861SX	Pericom Semiconductor		SN74CBT3861DWR		S	SOIC	24
PI5C6800CL	Pericom Semiconductor		SN74CBT6800CPW		S	TSSOP	24
PI5C6800CLX	Pericom Semiconductor		SN74CBT6800CPWR		S	TSSOP	24
PI5C6800CQ	Pericom Semiconductor		SN74CBT6800CDBQR		S	SSOP/QSOP	24
PI5C6800CQX	Pericom Semiconductor		SN74CBT6800CDBQR		S	SSOP/QSOP	24
PI5C6800L	Pericom Semiconductor		SN74CBT6800APW		S	TSSOP	24
PI5C6800LX	Pericom Semiconductor		SN74CBT6800APWR		S	TSSOP	24
PI5C6800Q	Pericom Semiconductor		SN74CBT6800ADBQR		S	QSOP	24
PI5C6800QX	Pericom Semiconductor		SN74CBT6800ADBQR		S	SSOP/QSOP	24
PI5L100L	Pericom Semiconductor		TS5L100PW		S	TSSOP	20
PI5L100LE	Pericom Semiconductor	Pb-Free	TS5L100PW		S	TSSOP	20
PI5L100LEX	Pericom Semiconductor	Pb-Free	TS5L100PWR		S	TSSOP	20
PI5L100LX	Pericom Semiconductor		TS5L100PWR		S	TSSOP	20
PI5L100Q	Pericom Semiconductor		TS5L100DBQR		S	QSOP	16
PI5L100QE	Pericom Semiconductor		TS5L100DBQR		S	QSOP	16
PI5L100QEX	Pericom Semiconductor	Pb-Free	TS5L100DBQR		S	SSOP/QSOP	20
PI5L100QX	Pericom Semiconductor		TS5L100DBQR		S	SSOP/QSOP	20
PI5L100W	Pericom Semiconductor		TS5L100D		S	SOIC	16
PI5L100WE	Pericom Semiconductor	Pb-Free	TS5L100D		S	SOIC	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
PI5L100WEX	Pericom Semiconductor	Pb-Free	TS5L100DR		S	SOIC	16
PI5L100WX	Pericom Semiconductor		TS5L100DR		S	SOIC	16
PI5V330Q	Pericom Semiconductor		TS5V330DBQR		S	SSOP/QSOP	16
PI5V330QE	Pericom Semiconductor	Pb-Free	TS5V330DBQR		S	SSOP/QSOP	16
PI5V330QEX	Pericom Semiconductor	Pb-Free	TS5V330DBQR		S	SSOP/QSOP	16
PI5V330QX	Pericom Semiconductor		TS5V330DBQR		S	SSOP/QSOP	16
PI5V330W	Pericom Semiconductor		TS5V330D		S	SOIC	16
PI5V330WE	Pericom Semiconductor	Pb-Free	TS5V330D		S	SOIC	16
PI5V330WEX	Pericom Semiconductor	Pb-Free	TS5V330DR		S	SOIC	16
PI5V330WX	Pericom Semiconductor		TS5V330DR		S	SOIC	16
PI74ALVC162834FAX	Pericom Semiconductor		SN74ALVCF162834GR		S	TSSOP	56
PI74ALVC162834FDA	Pericom Semiconductor	tpd, Vs differ	SN74ALVCF162834GR		S	TSSOP	56
PI74ALVC162834FDV	Pericom Semiconductor	tpd, Vs differ	SN74ALVCF162834LR		S	SSOP	56
PI74ALVC162834FKX	Pericom Semiconductor		SN74ALVCF162834VR		S	TVSOP	56
PI74ALVC162834FVX	Pericom Semiconductor		SN74ALVCF162834LR		S	SSOP	56
PI74ALVC162835AX	Pericom Semiconductor		SN74ALVC162835DGGR		S	TSSOP	56
PI74ALVC162835FAX	Pericom Semiconductor		SN74ALVCF162835GR		S	TSSOP	56
PI74ALVC162835FDA	Pericom Semiconductor	tpd, Vs differ	SN74ALVCF162835GR		S	TSSOP	56
PI74ALVC162835FDV	Pericom Semiconductor	tpd, Vs differ	SN74ALVCF162835LR		S	SSOP	56
PI74ALVC162835FKX	Pericom Semiconductor		SN74ALVCF162835VR		S	TVSOP	56
PI74ALVC162835FVX	Pericom Semiconductor		SN74ALVCF162835LR		S	SSOP	56
PI74ALVC162835KX	Pericom Semiconductor		SN74ALVC162835DGVR		S	TVSOP	56
PI74ALVC162835VX	Pericom Semiconductor		SN74ALVC162835DLR		S	SSOP	56
PI74ALVC162836AX	Pericom Semiconductor		SN74ALVC162836DGGR		S	TSSOP	56
PI74ALVC162836KX	Pericom Semiconductor		SN74ALVC162836DGVR		S	TVSOP	56
PI74ALVC162836VX	Pericom Semiconductor		SN74ALVC162836DLR		S	SSOP	56
PI74ALVCH16835V	Pericom Semiconductor	Vs differs	SN74ALVCH16835DL		S	SSOP	56
PI74ALVCH162244A	Pericom Semiconductor	Vs differs	SN74ALVCH162244GR		S	TSSOP	48
PI74ALVCH162244V	Pericom Semiconductor		SN74ALVCH162244DL		S	SSOP	48
PI74ALVCH162244VX	Pericom Semiconductor		SN74ALVCH162244DLR		S	SSOP	48
PI74ALVCH162260V	Pericom Semiconductor		SN74ALVCH162260DL		S	SSOP	56
PI74ALVCH162268A	Pericom Semiconductor		SN74ALVCH162268GR		S	TSSOP	56
PI74ALVCH162268AX	Pericom Semiconductor		SN74ALVCH162268GR		S	TSSOP	56
PI74ALVCH162268V	Pericom Semiconductor		SN74ALVCH162268DL		S	SSOP	56
PI74ALVCH162268VX	Pericom Semiconductor		SN74ALVCH162268DLR		S	SSOP	56
PI74ALVCH16240V	Pericom Semiconductor		SN74ALVCH16240DL		S	SSOP	48
PI74ALVCH16240V	Pericom Semiconductor		SN74ALVCH16240DLR		S	SSOP	48
PI74ALVCH16244V	Pericom Semiconductor		SN74ALVCH16244DL		S	SSOP	48
PI74ALVCH16244V	Pericom Semiconductor		SN74ALVCH16244DLR		S	SSOP	48
PI74ALVCH162601A	Pericom Semiconductor		SN74ALVCH162601GR		S	TSSOP	56
PI74ALVCH162601V	Pericom Semiconductor		SN74ALVCH162601DL		S	SSOP	56
PI74ALVCH16260A	Pericom Semiconductor	Vs differs	SN74ALVCH162260GR		S	TSSOP	56
PI74ALVCH16260A	Pericom Semiconductor	Vs differs	SN74ALVCH16260DGGR		S	TSSOP	56
PI74ALVCH16260V	Pericom Semiconductor	Vs differs	SN74ALVCH16260DL		S	SSOP	56
PI74ALVCH162827V	Pericom Semiconductor	Vs differs	SN74ALVCH162827DL		S	SSOP	56
PI74ALVCH16344A	Pericom Semiconductor	tpd differs	SN74ALVCH16344DGGR		S	TSSOP	56
PI74ALVCH16344V	Pericom Semiconductor	tpd differs	SN74ALVCH162344DL		S	SSOP	56
PI74ALVCH16344V	Pericom Semiconductor	tpd differs	SN74ALVCH16344DL		S	SSOP	56
PI74ALVCH16373A	Pericom Semiconductor		SN74ALVCH16373DGGR		S	TSSOP	48
PI74ALVCH16373AE	Pericom Semiconductor	Pb-Free	SN74ALVCH16373DGGR		S	TSSOP	48
PI74ALVCH16373AEX	Pericom Semiconductor	Pb-Free	SN74ALVCH16373DGGR		S	TSSOP	48
PI74ALVCH16373AX	Pericom Semiconductor		SN74ALVCH16373DGGR		S	TSSOP	48
PI74ALVCH16373V	Pericom Semiconductor		SN74ALVCH16373DL		S	SSOP	48
PI74ALVCH16373VE	Pericom Semiconductor	Pb-Free	SN74ALVCH16373DL		S	SSOP	48
PI74ALVCH16373VEX	Pericom Semiconductor	Pb-Free	SN74ALVCH16373DLR		S	SSOP	48
PI74ALVCH16373VX	Pericom Semiconductor		SN74ALVCH16373DLR		S	SSOP	48
PI74ALVCH16374A	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	SN74ALVCH16374DGGR		S	TSSOP	48
PI74ALVCH16374AX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	SN74ALVCH16374DGGR		S	TSSOP	48
PI74ALVCH16500A	Pericom Semiconductor	Vs differs	SN74ALVCH16500DGGR		S	TSSOP	56
PI74ALVCH16500V	Pericom Semiconductor	Vs differs	SN74ALVCH16500DL		S	SSOP	56
PI74ALVCH16500VE	Pericom Semiconductor	Vs differs	SN74ALVCH16500DL		S	SSOP	56
PI74ALVCH16821A	Pericom Semiconductor		SN74ALVCH16821DGGR		S	TSSOP	56
PI74ALVCH16825A	Pericom Semiconductor		SN74ALVCH16825DGGR		S	TSSOP	56
PI74ALVCH16825V	Pericom Semiconductor		SN74ALVCH16825DL		S	SSOP	56

PI5L100WEX — PI74ALVCH16825V

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement	Package	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments	Code	Type	
PI74ALVCH16827A	Pericom Semiconductor		SN74ALVCH16827DGGRR		S	TSSOP	56
PI74ALVCH16827V	Pericom Semiconductor		SN74ALVCH16827DLR		S	SSOP	56
PI74ALVCH16827V	Pericom Semiconductor		SN74ALVCH16827DLR		S	SSOP	56
PI74ALVCH16952A	Pericom Semiconductor	Discontinued, PDN 06-201, 02/17/2006	SN74ALVCH16952DGGRR		S	TSSOP	56
PI74ALVCH16952AE	Pericom Semiconductor	Discontinued, PDN 06-201, 02/17/2006	SN74ALVCH16952DGGRR		S	TSSOP	56
PI74ALVCH16952AEX	Pericom Semiconductor	Pb-Free, Discontinued, PDN 06-201, 02/17/2006	SN74ALVCH16952DGGRR		S	TSSOP	56
PI74ALVCH16952AX	Pericom Semiconductor	Discontinued, PDN 06-201, 02/17/2006	SN74ALVCH16952DGGRR		S	TSSOP	56
PI74ALVCH16952V	Pericom Semiconductor	Discontinued, PDN 05-701, 07/08/2005	SN74ALVCH16952DL		S	SSOP	56
PI74ALVCH16952VE	Pericom Semiconductor	Discontinued, PDN 05-701, 07/08/2005	SN74ALVCH16952DL		S	SSOP	56
PI74ALVCH16952VEX	Pericom Semiconductor	Pb-Free, Discontinued, PDN 05-701, 07/08/2005	SN74ALVCH16952DLR		S	SSOP	56
PI74ALVCH16952VX	Pericom Semiconductor	Discontinued, PDN 05-701, 07/08/2005	SN74ALVCH16952DLR		S	SSOP	56
PI74ALVCH32374NB	Pericom Semiconductor		SN74ALVCH32374KR		S	LFPGA	96
PI74AUC16244A	Pericom Semiconductor		SN74AUC16244DGGRR		S	TSSOP	48
PI74AUC16244K	Pericom Semiconductor		SN74AUC16244DGVR		S	TVSOP	48
PI74AVC164245A	Pericom Semiconductor	tpd, Vs differ	SN74AVCB164245GR		S	TSSOP	48
PI74AVC164245AA	Pericom Semiconductor	tpd, Vs differ	SN74AVCB164245GR		S	TSSOP	48
PI74AVC164245AAX	Pericom Semiconductor		SN74AVCB164245GR		S	TSSOP	48
PI74AVC164245AK	Pericom Semiconductor	tpd, Vs differ	SN74AVCB164245VR		S	TVSOP	48
PI74AVC164245AKX	Pericom Semiconductor		SN74AVCB164245VR		S	TVSOP	48
PI74AVC164245AX	Pericom Semiconductor		SN74AVCB164245GR		S	TSSOP	48
PI74AVC164245K	Pericom Semiconductor	tpd, Vs differ	SN74AVCB164245VR		S	TVSOP	48
PI74AVC164245KX	Pericom Semiconductor		SN74AVCB164245VR		S	TVSOP	48
PI74AVC164245LAA	Pericom Semiconductor	tpd, Vs differ	SN74AVCB164245GR		S	TSSOP	48
PI74AVC164245LAAE	Pericom Semiconductor	tpd, Vs differ	SN74AVCB164245GR		S	TSSOP	48
PI74AVC164245LAAEX	Pericom Semiconductor	Green	SN74AVCB164245GR		S	TSSOP	48
PI74AVC164245LAAX	Pericom Semiconductor		SN74AVCB164245GR		S	TSSOP	48
PI74AVC164245LAK	Pericom Semiconductor	tpd, Vs differ	SN74AVCB164245VR		S	TVSOP	48
PI74AVC164245LAKE	Pericom Semiconductor	tpd, Vs differ	SN74AVCB164245VR		S	TVSOP	48
PI74AVC164245LAKEX	Pericom Semiconductor	Green	SN74AVCB164245VR		S	TVSOP	48
PI74AVC164245LAKX	Pericom Semiconductor		SN74AVCB164245VR		S	TVSOP	48
PI74AVC16834A	Pericom Semiconductor	Vs differs	SN74AVC16834DGGRR		S	TSSOP	56
PI74AVC16834AX	Pericom Semiconductor		SN74AVC16834DGGRR	Consider also the use of SN74ALVCF162834GR	S	TSSOP	56
PI74AVC16834KX	Pericom Semiconductor		SN74AVC16834DGVR	Consider also the use of SN74ALVCF162834VR	S	TVSOP	56
PI74AVC16835A	Pericom Semiconductor		SN74AVC16835DGGRR		S	TSSOP	56
PI74AVC16835AX	Pericom Semiconductor		SN74AVC16835DGGRR		S	TSSOP	56
PI74AVC16835K	Pericom Semiconductor		SN74AVC16835DGVR		S	TVSOP	56
PI74AVC16835KX	Pericom Semiconductor		SN74AVC16835DGVR		S	TVSOP	56
PI74FCT138ATQ	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT138ATQCT		S	QSOP	16
PI74FCT138ATQX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT138ATQCT		S	SSOP/QSOP	16
PI74FCT138ATS	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT138ATSOC		S	SOIC	16
PI74FCT138ATSX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT138ATSOC		S	SOIC	16
PI74FCT138CTQ	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT138CTQCT		S	QSOP	16
PI74FCT138TQ	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT138TQCT		S	QSOP	16
PI74FCT138TQX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT138TQCT		S	SSOP/QSOP	16
PI74FCT138TS	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT138ATSOC	Substitute A speed	S	SOIC	16
PI74FCT138TSX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT138ATSOC	Substitute A speed	S	SOIC	16
PI74FCT138TW	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT138ATSOC	Substitute A speed, SOIC wide, faster	P	SOIC	16
PI74FCT138TWX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT138ATSOC	Substitute A speed, SOIC wide, faster	P	SOIC	16
PI74FCT157ATQ	Pericom Semiconductor		CY74FCT157ATQCT		S	QSOP	16
PI74FCT157ATQ	Pericom Semiconductor	tpd differs	CY74FCT157CTQCT		S	QSOP	16
PI74FCT157ATS	Pericom Semiconductor		CY74FCT157ATSOC		S	SOIC	16
PI74FCT157ATS	Pericom Semiconductor	tpd differs	CY74FCT157CTSOC		S	SOIC	16
PI74FCT157ATW	Pericom Semiconductor		CY74FCT157ATD		S	SOIC	16
PI74FCT157CTQ	Pericom Semiconductor	tpd differs	CY74FCT157ATQCT		S	QSOP	16
PI74FCT157CTQ	Pericom Semiconductor		CY74FCT157CTQCT		S	QSOP	16
PI74FCT157CTS	Pericom Semiconductor	tpd differs	CY74FCT157ATSOC		S	SOIC	16
PI74FCT157CTS	Pericom Semiconductor		CY74FCT157CTSOC		S	SOIC	16
PI74FCT157CTW	Pericom Semiconductor		CY74FCT157CTD		S	SOIC	16
PI74FCT157TQ	Pericom Semiconductor	tpd differs	CY74FCT157ATQCT		S	QSOP	16
PI74FCT157TS	Pericom Semiconductor	tpd differs	CY74FCT157ATSOC		S	SOIC	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
PI74FCT157TW	Pericom Semiconductor		CY74FCT157ATD	Substitute A speed	S	SOIC	16
PI74FCT162240ATV	Pericom Semiconductor	tpd differs	CY74FCT162240CTPVC	Substitute C speed, faster	S	SSOP	48
PI74FCT162240ATVX	Pericom Semiconductor	tpd differs	74FCT162240CTPVCT	Substitute C speed, faster	S	SSOP	48
PI74FCT162240CTVX	Pericom Semiconductor		74FCT162240CTPVCT		S	SSOP	48
PI74FCT162240ETV	Pericom Semiconductor	tpd differs	CY74FCT162240CTPVC	Substitute C speed, slower	Q	SSOP	48
PI74FCT162240TV	Pericom Semiconductor	tpd differs	CY74FCT162240CTPVC	Substitute C speed, faster	S	SSOP	48
PI74FCT162244A	Pericom Semiconductor	tpd differs	CY74FCT16244TPACT		S	TSSOP	48
PI74FCT162244AE	Pericom Semiconductor	tpd differs	CY74FCT16244TPACT		S	TSSOP	48
PI74FCT162244ATA	Pericom Semiconductor	tpd differs	CY74FCT16244TPACT		S	TSSOP	48
PI74FCT162244CTA	Pericom Semiconductor	tpd differs	CY74FCT16244TPACT		S	TSSOP	48
PI74FCT162244ETA	Pericom Semiconductor	tpd differs	CY74FCT16244TPACT		S	TSSOP	48
PI74FCT162244MTA	Pericom Semiconductor	tpd differs	CY74FCT16244TPACT		S	TSSOP	48
PI74FCT162244TA	Pericom Semiconductor		CY74FCT16244TPACT		S	TSSOP	48
PI74FCT162244TV	Pericom Semiconductor		CY74FCT16244TPVCT		S	SSOP	48
PI74FCT162244V	Pericom Semiconductor		CY74FCT16244TPVCT		S	SSOP	48
PI74FCT162244VE	Pericom Semiconductor		CY74FCT16244TPVCT		S	SSOP	48
PI74FCT162245ATA	Pericom Semiconductor	tpd differs	CY74FCT162245TPACT		S	TSSOP	48
PI74FCT162245ATV	Pericom Semiconductor	tpd differs	CY74FCT162245TPVCT		S	SSOP	48
PI74FCT162245ATVX	Pericom Semiconductor	tpd differs	CY74FCT16245TPACT		S	SSOP	48
PI74FCT162245CTA	Pericom Semiconductor	tpd differs	CY74FCT162245TPACT		S	TSSOP	48
PI74FCT162245CTV	Pericom Semiconductor	tpd differs	CY74FCT162245TPVCT		S	SSOP	48
PI74FCT162245DTA	Pericom Semiconductor	tpd differs	CY74FCT162245TPACT		S	TSSOP	48
PI74FCT162245DTV	Pericom Semiconductor	tpd differs	CY74FCT162245TPVCT		S	SSOP	48
PI74FCT162245ETA	Pericom Semiconductor	tpd differs	CY74FCT162245TPACT		S	TSSOP	48
PI74FCT162245ETV	Pericom Semiconductor	tpd differs	CY74FCT162245TPVCT		S	SSOP	48
PI74FCT162245TA	Pericom Semiconductor		CY74FCT162245TPACT		S	TSSOP	48
PI74FCT162245TA	Pericom Semiconductor		CY74FCT16245TPACT		S	TSSOP	48
PI74FCT162245TV	Pericom Semiconductor		CY74FCT162245TPVCT		S	SSOP	48
PI74FCT162245TVX	Pericom Semiconductor		CY74FCT16245TPVCT		S	SSOP	48
PI74FCT162373ATA	Pericom Semiconductor		74FCT162373ATPACT		S	TSSOP	48
PI74FCT162373ATAX	Pericom Semiconductor		74FCT162373ATPACT		S	TSSOP	48
PI74FCT162373ATV	Pericom Semiconductor		74FCT162373ATPVCT		S	SSOP	48
PI74FCT162373ATVX	Pericom Semiconductor		CY74FCT162373ATPVC		S	SSOP	48
PI74FCT162373CTA	Pericom Semiconductor		74FCT162373CTPACT		S	TSSOP	48
PI74FCT162373CTAX	Pericom Semiconductor		74FCT162373CTPACT		S	TSSOP	48
PI74FCT162373CTV	Pericom Semiconductor		CY74FCT162373CTPVC		S	SSOP	48
PI74FCT162373CTVX	Pericom Semiconductor		CY74FCT162373CTPVC		S	SSOP	48
PI74FCT16244ATA	Pericom Semiconductor		CY74FCT16244ATPACT		S	TSSOP	48
PI74FCT16244ATAE	Pericom Semiconductor	Pb-Free	CY74FCT16244ATPACT		S	TSSOP	48
PI74FCT16244ATAEX	Pericom Semiconductor	Pb-Free	CY74FCT16244ATPACT		S	TSSOP	48
PI74FCT16244ATAAX	Pericom Semiconductor		CY74FCT16244ATPACT		S	TSSOP	48
PI74FCT16244ATV	Pericom Semiconductor		CY74FCT16244ATPVC		S	SSOP	48
PI74FCT16244ATVE	Pericom Semiconductor	Pb-Free	CY74FCT16244ATPVC		S	SSOP	48
PI74FCT16244ATVEX	Pericom Semiconductor	Pb-Free	CY74FCT16244ATPVCT		S	SSOP	48
PI74FCT16244ATVX	Pericom Semiconductor		CY74FCT16244ATPVCT		S	SSOP	48
PI74FCT16244CTA	Pericom Semiconductor		CY74FCT16244CTPACT		S	TSSOP	48
PI74FCT16244CTAX	Pericom Semiconductor		CY74FCT16244CTPACT		S	TSSOP	48
PI74FCT16244CTV	Pericom Semiconductor		CY74FCT16244CTPVC		S	SSOP	48
PI74FCT16244CTVX	Pericom Semiconductor		CY74FCT16244CTPVCT		S	SSOP	48
PI74FCT16244ETA	Pericom Semiconductor	tpd differs	CY74FCT16244CTPACT	E speed obsolete, Substitute C speed, tpd differs	Q	TSSOP	48
PI74FCT16244ETAX	Pericom Semiconductor	tpd differs	CY74FCT16244CTPACT	E speed obsolete, Substitute C speed, tpd differs	Q	TSSOP	48
PI74FCT16244ETV	Pericom Semiconductor	tpd differs	CY74FCT16244CTPVC	E speed obsolete, Substitute C speed, tpd differs	Q	SSOP	48
PI74FCT16244ETVX	Pericom Semiconductor	tpd differs	CY74FCT16244CTPVCT	E speed obsolete, Substitute C speed, tpd differs	Q	SSOP	48
PI74FCT16244TA	Pericom Semiconductor		CY74FCT16244TPACT		S	TSSOP	48
PI74FCT16244TAX	Pericom Semiconductor		CY74FCT16244TPACT		S	TSSOP	48
PI74FCT16244TV	Pericom Semiconductor		CY74FCT16244TPVCT		S	SSOP	48
PI74FCT16244TVX	Pericom Semiconductor		CY74FCT16244TPVCT		S	SSOP	48
PI74FCT16245ATA	Pericom Semiconductor		CY74FCT16245ATPACT		S	TSSOP	48
PI74FCT16245ATAE	Pericom Semiconductor	Pb-Free	CY74FCT16245ATPACT		S	TSSOP	48
PI74FCT16245ATAEX	Pericom Semiconductor	Pb-Free	CY74FCT16245ATPACT		S	TSSOP	48

PI74FCT157TW — PI74FCT16245ATAEX

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
PI74FCT16245ATAX	Pericom Semiconductor		CY74FCT16245ATPACT		S	TSSOP	48
PI74FCT16245ATV	Pericom Semiconductor		CY74FCT16245ATPVC		S	SSOP	48
PI74FCT16245ATVE	Pericom Semiconductor	Pb-Free	CY74FCT16245ATPVC		S	SSOP	48
PI74FCT16245ATVEX	Pericom Semiconductor	Pb-Free	CY74FCT16245ATPVCT		S	SSOP	48
PI74FCT16245ATVX	Pericom Semiconductor		CY74FCT16245ATPVCT		S	SSOP	48
PI74FCT16245CTA	Pericom Semiconductor		CY74FCT16245CTPACT		S	TSSOP	48
PI74FCT16245CTAE	Pericom Semiconductor	Pb-Free	CY74FCT16245CTPACT		S	TSSOP	48
PI74FCT16245CTAEX	Pericom Semiconductor	Pb-Free	CY74FCT16245CTPACT		S	TSSOP	48
PI74FCT16245CTAX	Pericom Semiconductor		CY74FCT16245CTPACT		S	TSSOP	48
PI74FCT16245CTV	Pericom Semiconductor		CY74FCT16245CTPVC		S	SSOP	48
PI74FCT16245CTVE	Pericom Semiconductor	Pb-Free	CY74FCT16245CTPVC		S	SSOP	48
PI74FCT16245CTVEX	Pericom Semiconductor	Pb-Free	CY74FCT16245CTPVCT		S	SSOP	48
PI74FCT16245CTVX	Pericom Semiconductor		CY74FCT16245CTPVCT		S	SSOP	48
PI74FCT16245DTA	Pericom Semiconductor	tpd differs	CY74FCT16245CTPACT	D speed not available, Substitute C speed, tpd differs	Q	TSSOP	48
PI74FCT16245DTAE	Pericom Semiconductor	tpd differs, Pb-Free	CY74FCT16245CTPACT	D speed not available, Substitute C speed, tpd differs	Q	TSSOP	48
PI74FCT16245DTAEX	Pericom Semiconductor	tpd differs, Pb-Free	CY74FCT16245CTPACT	D speed not available, Substitute C speed, tpd differs	Q	TSSOP	48
PI74FCT16245DTAX	Pericom Semiconductor	tpd differs	CY74FCT16245CTPACT	D speed not available, Substitute C speed, tpd differs	Q	TSSOP	48
PI74FCT16245DTV	Pericom Semiconductor	tpd differs	CY74FCT16245CTPVC	D speed not available, Substitute C speed, tpd differs	Q	SSOP	48
PI74FCT16245DTVE	Pericom Semiconductor	tpd differs, Pb-Free	CY74FCT16245CTPVC	D speed not available, Substitute C speed, tpd differs	Q	SSOP	48
PI74FCT16245DTVEX	Pericom Semiconductor	tpd differs, Pb-Free	CY74FCT16245CTPVCT	D speed not available, Substitute C speed, tpd differs	Q	SSOP	48
PI74FCT16245DTVX	Pericom Semiconductor	tpd differs	CY74FCT16245CTPVCT	D speed not available, Substitute C speed, tpd differs	Q	SSOP	48
PI74FCT16245ETA	Pericom Semiconductor	tpd differs	CY74FCT16245CTPACT	E speed obsolete, Substitute C speed, tpd differs	Q	TSSOP	48
PI74FCT16245ETAEX	Pericom Semiconductor	tpd differs, Pb-Free	CY74FCT16245CTPACT	E speed obsolete, Substitute C speed, tpd differs	Q	TSSOP	48
PI74FCT16245ETAEX	Pericom Semiconductor	tpd differs, Pb-Free	CY74FCT16245CTPACT	E speed obsolete, Substitute C speed, tpd differs	Q	TSSOP	48
PI74FCT16245ETAX	Pericom Semiconductor	tpd differs	CY74FCT16245CTPACT	E speed obsolete, Substitute C speed, tpd differs	Q	TSSOP	48
PI74FCT16245ETV	Pericom Semiconductor	tpd differs	CY74FCT16245CTPVC	E speed obsolete, Substitute C speed, tpd differs	Q	SSOP	48
PI74FCT16245ETVE	Pericom Semiconductor	tpd differs, Pb-Free	CY74FCT16245CTPVC	E speed obsolete, Substitute C speed, tpd differs	Q	SSOP	48
PI74FCT16245ETVEX	Pericom Semiconductor	tpd differs, Pb-Free	CY74FCT16245CTPVCT	E speed obsolete, Substitute C speed, tpd differs	Q	SSOP	48
PI74FCT16245ETVX	Pericom Semiconductor	tpd differs	CY74FCT16245CTPVCT	E speed obsolete, Substitute C speed, tpd differs	Q	SSOP	48
PI74FCT162500ATV	Pericom Semiconductor		CY74FCT162500ATPVC		S	SSOP	56
PI74FCT162500ATV	Pericom Semiconductor	tpd differs	CY74FCT162500CTPVC		S	SSOP	56
PI74FCT162500CTV	Pericom Semiconductor	tpd differs	CY74FCT162500ATPVC		S	SSOP	56
PI74FCT162500CTV	Pericom Semiconductor		CY74FCT162500CTPVC		S	SSOP	56
PI74FCT162500DTV	Pericom Semiconductor	tpd differs	CY74FCT162500ATPVC		S	SSOP	56
PI74FCT162500DTV	Pericom Semiconductor	tpd differs	CY74FCT162500CTPVC		S	SSOP	56
PI74FCT162500TV	Pericom Semiconductor	tpd differs	CY74FCT162500ATPVC		S	SSOP	56
PI74FCT162500TV	Pericom Semiconductor	tpd differs	CY74FCT162500CTPVC		S	SSOP	56
PI74FCT162500TVE	Pericom Semiconductor	tpd differs	CY74FCT162500ATPVC		S	SSOP	56
PI74FCT162500TVE	Pericom Semiconductor	tpd differs	CY74FCT162500CTPVC		S	SSOP	56
PI74FCT162823TV	Pericom Semiconductor	tpd differs	CY74FCT162823CTPVC		S	SSOP	56
PI74FCT162827ATA	Pericom Semiconductor	tpd differs	CY74FCT16827CTPACT		S	TSSOP	56
PI74FCT162827ATV	Pericom Semiconductor		CY74FCT162827ATPVC		S	SSOP	56
PI74FCT162827ATV	Pericom Semiconductor	tpd differs	CY74FCT162827BTPVC		S	SSOP	56
PI74FCT162827ATV	Pericom Semiconductor		CY74FCT16827ATPVC		S	SSOP	56
PI74FCT162827ATV	Pericom Semiconductor		CY74FCT16827ATPVCT		S	SSOP	56
PI74FCT162827ATV	Pericom Semiconductor	tpd differs	CY74FCT16827CTPVC		S	SSOP	56
PI74FCT162827BTA	Pericom Semiconductor	tpd differs	CY74FCT16827CTPACT		S	TSSOP	56
PI74FCT162827BTV	Pericom Semiconductor	tpd differs	CY74FCT162827ATPVC		S	SSOP	56

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
PI74FCT162827BTB	Pericom Semiconductor		CY74FCT162827BTPVC		S	SSOP	56
PI74FCT162827BTB	Pericom Semiconductor	tpd differs	CY74FCT16827ATPVC		S	SSOP	56
PI74FCT162827BTB	Pericom Semiconductor	tpd differs	CY74FCT16827CTPVC		S	SSOP	56
PI74FCT162827CTA	Pericom Semiconductor	tpd differs	CY74FCT16827CTPACT		S	TSSOP	56
PI74FCT162827CTV	Pericom Semiconductor	tpd differs	CY74FCT162827ATPVC		S	SSOP	56
PI74FCT162827CTV	Pericom Semiconductor	tpd differs	CY74FCT162827BTPVC		S	SSOP	56
PI74FCT162827CTV	Pericom Semiconductor	tpd differs	CY74FCT16827ATPVC		S	SSOP	56
PI74FCT162827CTV	Pericom Semiconductor	tpd differs	CY74FCT16827CTPVC		S	SSOP	56
PI74FCT162827CTV	Pericom Semiconductor	tpd differs	CY74FCT16827CTPACT		S	SSOP	56
PI74FCT162827DTV	Pericom Semiconductor	tpd differs	CY74FCT162827ATPVC		S	SSOP	56
PI74FCT162827DTV	Pericom Semiconductor	tpd differs	CY74FCT162827BTPVC		S	SSOP	56
PI74FCT162827ETA	Pericom Semiconductor	tpd differs	CY74FCT16827CTPACT		S	TSSOP	56
PI74FCT162827ETV	Pericom Semiconductor	tpd differs	CY74FCT162827ATPVC		S	SSOP	56
PI74FCT162827ETV	Pericom Semiconductor	tpd differs	CY74FCT162827BTPVC		S	SSOP	56
PI74FCT162827ETV	Pericom Semiconductor	tpd differs	CY74FCT16827ATPVC		S	SSOP	56
PI74FCT162827ETV	Pericom Semiconductor	tpd differs	CY74FCT16827CTPVC		S	SSOP	56
PI74FCT1628277TA	Pericom Semiconductor	tpd differs	CY74FCT16827CTPACT		S	TSSOP	56
PI74FCT1628277TV	Pericom Semiconductor	tpd differs	CY74FCT162827ATPVC		S	SSOP	56
PI74FCT1628277TV	Pericom Semiconductor	tpd differs	CY74FCT162827BTPVC		S	SSOP	56
PI74FCT1628277TV	Pericom Semiconductor	tpd differs	CY74FCT16827ATPVC		S	SSOP	56
PI74FCT1628277TV	Pericom Semiconductor	tpd differs	CY74FCT16827CTPVC		S	SSOP	56
PI74FCT162H244TA	Pericom Semiconductor	Bus-hold, tpd differs	CY74FCT16244ATPACT		S	TSSOP	48
PI74FCT162H244TA	Pericom Semiconductor	Bus-hold, tpd differs	CY74FCT16244TPACT	No Bus-Hold	Q	TSSOP	48
PI74FCT162H244TV	Pericom Semiconductor	Bus-hold	CY74FCT16244TPVCT	No Bus-Hold	Q	SSOP	48
PI74FCT162H245ATA	Pericom Semiconductor	Bus-hold	CY74FCT16245ATPACT	No Bus-hold	Q	TSSOP	48
PI74FCT162H245CTA	Pericom Semiconductor	Bus-hold	CY74FCT16245CTPACT	No Bus-hold	Q	TSSOP	48
PI74FCT162H245TA	Pericom Semiconductor	Bus-hold	CY74FCT162245TPACT	No Bus-hold	Q	TSSOP	48
PI74FCT162H245TA	Pericom Semiconductor	Bus-hold	CY74FCT16245TPACT	No Bus-hold	Q	TSSOP	48
PI74FCT162H245TV	Pericom Semiconductor	Bus-hold	CY74FCT162245TPVC	No Bus-hold	Q	SSOP	48
PI74FCT162H827ATV	Pericom Semiconductor	Bus-hold	CY74FCT162827ATPVC	No Bus-Hold	Q	SSOP	56
PI74FCT162H827ATV	Pericom Semiconductor	Bus-hold	CY74FCT16827ATPACT	No Bus-Hold	Q	SSOP	56
PI74FCT162H827BTV	Pericom Semiconductor	Bus-hold	CY74FCT162827BTPVC	No Bus-Hold	Q	SSOP	56
PI74FCT162H827CTA	Pericom Semiconductor	tpd differs, Bus-Hold	CY74FCT16827CTPACT	No Bus-Hold	Q	TSSOP	56
PI74FCT162H827CTV	Pericom Semiconductor	tpd differs, Bus-Hold	CY74FCT16827CTPVC	No Bus-Hold	Q	SSOP	56
PI74FCT162H827CTV	Pericom Semiconductor	tpd differs, Bus-Hold	CY74FCT16827CTPACT	No Bus-Hold	Q	SSOP	56
PI74FCT162Q244ATA	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	74FCT162244ATPACT	Higher IOH/IOL	S	TSSOP	48
PI74FCT162Q244ATAX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	74FCT162244ATPACT	Higher IOH/IOL	S	TSSOP	48
PI74FCT162Q244ATV	Pericom Semiconductor		CY74FCT162244ATPVC		S	SSOP	48
PI74FCT162Q244ATV	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT162244CTPVC	Higher IOH/IOL	S	SSOP	48
PI74FCT162Q244ATVX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	74FCT162244ATPVCT	Higher IOH/IOL	S	SSOP	48
PI74FCT162Q244CTA	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	74FCT162244CTPACT	Higher IOH/IOL	S	TSSOP	48
PI74FCT162Q244CTAX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	74FCT162244CTPACT	Higher IOH/IOL	S	TSSOP	48
PI74FCT162Q244CTV	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT162244CTPVC	Higher IOH/IOL	S	SSOP	48
PI74FCT162Q244CTVX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	74FCT162244CTPVCT	Higher IOH/IOL	S	SSOP	48
PI74FCT162Q244TA	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT162244TPACT	Higher IOH/IOL	S	TSSOP	48
PI74FCT162Q244TA	Pericom Semiconductor		CY74FCT16244TPACT		S	TSSOP	48
PI74FCT162Q244TAX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT162244TPACT	Higher IOH/IOL	S	TSSOP	48
PI74FCT162Q244TV	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT162244TPVC	Higher IOH/IOL	S	SSOP	48
PI74FCT162Q244TV	Pericom Semiconductor		CY74FCT16244TPVCT		S	SSOP	48
PI74FCT162Q244TVX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT162244TPVCT	Higher IOH/IOL	S	SSOP	48
PI74FCT162Q245ATA	Pericom Semiconductor	Bus-hold	74FCT162245ATPACT	No Bus-hold	Q	TSSOP	48
PI74FCT162Q245ATAX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	74FCT162245ATPACT	Higher IOH/IOL	S	TSSOP	48
PI74FCT162Q245ATV	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT162245CTPVC	Higher IOH/IOL	S	SSOP	48
PI74FCT162Q245ATVX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	74FCT162245ATPVCT	Higher IOH/IOL	S	SSOP	48
PI74FCT162Q245CTA	Pericom Semiconductor	Bus-hold	74FCT162245CTPACT	No Bus-hold	Q	TSSOP	48
PI74FCT162Q245CTAX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	74FCT162245CTPACT	Higher IOH/IOL	S	TSSOP	48
PI74FCT162Q245CTV	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT162245CTPVC	Higher IOH/IOL	S	SSOP	48
PI74FCT162Q245CTVX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	74FCT162245CTPVCT	Higher IOH/IOL	S	SSOP	48
PI74FCT162Q245TA	Pericom Semiconductor	Bus-hold	CY74FCT162245TPACT	No Bus-hold	Q	TSSOP	48
PI74FCT162Q245TAX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT162245TPACT	Higher IOH/IOL	S	TSSOP	48
PI74FCT162Q245TV	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT162245TPVC	Higher IOH/IOL	S	SSOP	48
PI74FCT162Q245TVX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT162245TPVCT	Higher IOH/IOL	S	SSOP	48
PI74FCT16373ATA	Pericom Semiconductor		CY74FCT16373ATPACT		S	TSSOP	48
PI74FCT16373ATAX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT16373ATPACT		S	TSSOP	48

PI74FCT162727BTB — PI74FCT16373ATAX

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
PI74FCT16373ATV	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT16373ATPVC		S	SSOP	48
PI74FCT16373ATVX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT16373ATPVCT		S	SSOP	48
PI74FCT16373CTA	Pericom Semiconductor		CY74FCT16373CTPACT		S	TSSOP	48
PI74FCT16373CTAX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT16373CTPACT		S	TSSOP	48
PI74FCT16373CTV	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT16373CTPVC		S	SSOP	48
PI74FCT16373CTVX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT16373CTPVCT		S	SSOP	48
PI74FCT16373TA	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT16373ATPACT	Substitute A speed,	S	TSSOP	48
PI74FCT16373TA	Pericom Semiconductor		CY74FCT16373CTPACT		S	TSSOP	48
PI74FCT16373TAX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT16373ATPACT	Substitute A speed	S	TSSOP	48
PI74FCT16373TAX	Pericom Semiconductor		CY74FCT16373CTPACT		S	TSSOP	48
PI74FCT16373TV	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT16373ATPVC	Substitute A speed	S	SSOP	48
PI74FCT16373TV	Pericom Semiconductor		CY74FCT16373CTPVC		S	SSOP	48
PI74FCT16373TVX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT16373ATPVCT	Substitute A speed	S	SSOP	48
PI74FCT16373TVX	Pericom Semiconductor		CY74FCT16373CTPVCT		S	SSOP	48
PI74FCT16374ATA	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT16374ATPACT		S	TSSOP	48
PI74FCT16374ATAX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT16374ATPACT		S	TSSOP	48
PI74FCT16374ATV	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT16374ATPVC		S	SSOP	48
PI74FCT16374ATVX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT16374ATPVCT		S	SSOP	48
PI74FCT16374CTA	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT16374CTPACT		S	TSSOP	48
PI74FCT16374CTAX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT16374CTPACT		S	TSSOP	48
PI74FCT16374CTV	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT16374CTPVC		S	SSOP	48
PI74FCT16374CTVX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT16374CTPVCT		S	SSOP	48
PI74FCT16374TA	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT16374ATPACT	Substitute A speed	S	TSSOP	48
PI74FCT16374TAX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT16374ATPACT	Substitute A speed	S	TSSOP	48
PI74FCT16374TV	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT16374TPVC		S	SSOP	48
PI74FCT16374TVX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT16374TPVCT		S	SSOP	48
PI74FCT16500ATV	Pericom Semiconductor		CY74FCT162500ATPVC		S	SSOP	56
PI74FCT16500ATV	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT16500CTPVC	Substitute C speed,	S	SSOP	56
PI74FCT16500ATVX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT16500CTPVCT	Substitute C speed,	S	SSOP	56
PI74FCT16500CTV	Pericom Semiconductor		CY74FCT162500CTPVC		S	SSOP	56
PI74FCT16500CTV	Pericom Semiconductor		CY74FCT16500CTPVC		S	SSOP	56
PI74FCT16500DTV	Pericom Semiconductor	tpd differs	CY74FCT16500CTPVC		S	SSOP	56
PI74FCT16500TV	Pericom Semiconductor	tpd differs	CY74FCT16500CTPVC		S	SSOP	56
PI74FCT16500TVE	Pericom Semiconductor	tpd differs	CY74FCT16500CTPVC		S	SSOP	56
PI74FCT16823ATA	Pericom Semiconductor	tpd differs	CY74FCT16823ATPACT		S	TSSOP	56
PI74FCT16823TV	Pericom Semiconductor	tpd differs	CY74FCT16823CTPVC		S	SSOP	56
PI74FCT16827ATA	Pericom Semiconductor	tpd differs	CY74FCT16827CTPACT		S	TSSOP	56
PI74FCT16827ATV	Pericom Semiconductor		CY74FCT162827ATPVC		S	SSOP	56
PI74FCT16827ATV	Pericom Semiconductor	tpd differs	CY74FCT162827BTPVC		S	SSOP	56
PI74FCT16827ATV	Pericom Semiconductor		CY74FCT16827ATPVC		S	SSOP	56
PI74FCT16827ATV	Pericom Semiconductor		CY74FCT16827ATPVCT		S	SSOP	56
PI74FCT16827ATV	Pericom Semiconductor	tpd differs	CY74FCT16827CTPVC		S	SSOP	56
PI74FCT16827ATV	Pericom Semiconductor	tpd differs	CY74FCT16827CTPVCT		S	SSOP	56
PI74FCT16827BTA	Pericom Semiconductor	tpd differs	CY74FCT16827CTPACT		S	TSSOP	56
PI74FCT16827BTV	Pericom Semiconductor	tpd differs	CY74FCT162827ATPVC		S	SSOP	56
PI74FCT16827BTV	Pericom Semiconductor		CY74FCT162827BTPVC		S	SSOP	56
PI74FCT16827BTV	Pericom Semiconductor	tpd differs	CY74FCT16827ATPVC		S	SSOP	56
PI74FCT16827BTV	Pericom Semiconductor	tpd differs	CY74FCT16827CTPVC		S	SSOP	56
PI74FCT16827BTV	Pericom Semiconductor	tpd differs	CY74FCT16827CTPVCT		S	SSOP	56
PI74FCT16827CTA	Pericom Semiconductor	tpd differs	CY74FCT16827CTPACT		S	TSSOP	56
PI74FCT16827CTV	Pericom Semiconductor	tpd differs	CY74FCT162827ATPVC		S	SSOP	56
PI74FCT16827CTV	Pericom Semiconductor	tpd differs	CY74FCT162827BTPVC		S	SSOP	56
PI74FCT16827CTV	Pericom Semiconductor	tpd differs	CY74FCT16827ATPVC		S	SSOP	56
PI74FCT16827CTV	Pericom Semiconductor	tpd differs	CY74FCT16827ATPVCT		S	SSOP	56
PI74FCT16827CTV	Pericom Semiconductor	tpd differs	CY74FCT16827CTPVC		S	SSOP	56
PI74FCT16827CTV	Pericom Semiconductor	tpd differs	CY74FCT16827CTPVCT		S	SSOP	56
PI74FCT16827DTA	Pericom Semiconductor	tpd differs	CY74FCT16827CTPACT		S	TSSOP	56
PI74FCT16827DTV	Pericom Semiconductor	tpd differs	CY74FCT16827ATPVC		S	SSOP	56
PI74FCT16827DTV	Pericom Semiconductor	tpd differs	CY74FCT16827ATPVCT		S	SSOP	56
PI74FCT16827DTV	Pericom Semiconductor	tpd differs	CY74FCT16827CTPVC		S	SSOP	56
PI74FCT16827DTV	Pericom Semiconductor	tpd differs	CY74FCT16827CTPVCT		S	SSOP	56
PI74FCT16827ETA	Pericom Semiconductor	tpd differs	CY74FCT16827CTPACT		S	TSSOP	56
PI74FCT16827ETV	Pericom Semiconductor	tpd differs	CY74FCT162827ATPVC		S	SSOP	56

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
PI74FCT16827ETV	Pericom Semiconductor	tpd differs	CY74FCT162827BTPVC		S	SSOP	56
PI74FCT16827ETV	Pericom Semiconductor	tpd differs	CY74FCT16827ATPVC		S	SSOP	56
PI74FCT16827ETV	Pericom Semiconductor	tpd differs	CY74FCT16827ATPVCT		S	SSOP	56
PI74FCT16827ETV	Pericom Semiconductor	tpd differs	CY74FCT16827CTPVC		S	SSOP	56
PI74FCT16827ETV	Pericom Semiconductor	tpd differs	CY74FCT16827CTPVCT		S	SSOP	56
PI74FCT16827TA	Pericom Semiconductor	tpd differs	CY74FCT16827CTPACT		S	TSSOP	56
PI74FCT16827TV	Pericom Semiconductor	tpd differs	CY74FCT162827ATPVC		S	SSOP	56
PI74FCT16827TV	Pericom Semiconductor	tpd differs	CY74FCT162827BTPVC		S	SSOP	56
PI74FCT16827TV	Pericom Semiconductor	tpd differs	CY74FCT16827ATPVC		S	SSOP	56
PI74FCT16827TV	Pericom Semiconductor	tpd differs	CY74FCT16827CTPVC		S	SSOP	56
PI74FCT16827TV	Pericom Semiconductor	tpd differs	CY74FCT16827CTPVCT		S	SSOP	56
PI74FCT191TS	Pericom Semiconductor	tpd differs	CY74FCT191ATSOC		S	SOIC	16
PI74FCT191TS	Pericom Semiconductor	tpd differs	CY74FCT191CTSOC		S	SOIC	16
PI74FCT2157ATQ	Pericom Semiconductor		CY74FCT157ATQCT		S	QSOP	16
PI74FCT2157ATQ	Pericom Semiconductor	tpd differs	CY74FCT157CTQCT		S	QSOP	16
PI74FCT2157ATS	Pericom Semiconductor		CY74FCT157ATSOC		S	SOIC	16
PI74FCT2157ATW	Pericom Semiconductor		CY74FCT157ATD		S	SOIC	16
PI74FCT2157CTQ	Pericom Semiconductor	tpd differs	CY74FCT157ATQCT		S	QSOP	16
PI74FCT2157CTQ	Pericom Semiconductor		CY74FCT157CTQCT		S	QSOP	16
PI74FCT2157CTS	Pericom Semiconductor		CY74FCT157CTSOC		S	SOIC	16
PI74FCT2157CTW	Pericom Semiconductor		CY74FCT157CTD		S	SOIC	16
PI74FCT2241TQ	Pericom Semiconductor		CY74FCT2244TQCT		S	QSOP	20
PI74FCT2241TS	Pericom Semiconductor		CY74FCT2244TSOCT		S	SOIC	20
PI74FCT2244ATQ	Pericom Semiconductor	tpd differs	CY74FCT2244TQCT		S	QSOP	20
PI74FCT2244ATQ	Pericom Semiconductor	tpd differs	CY74FCT244TQCT		S	QSOP	20
PI74FCT2244ATS	Pericom Semiconductor		CY74FCT2244ATSOC		S	SOIC	20
PI74FCT2244ATS	Pericom Semiconductor	tpd differs	CY74FCT2244TSOCT		S	SOIC	20
PI74FCT2244CTQ	Pericom Semiconductor	tpd differs	CY74FCT2244TQCT		S	QSOP	20
PI74FCT2244CTQ	Pericom Semiconductor	tpd differs	CY74FCT244TQCT		S	QSOP	20
PI74FCT2244CTS	Pericom Semiconductor		CY74FCT2244CTSOC		S	SOIC	20
PI74FCT2244CTS	Pericom Semiconductor	tpd differs	CY74FCT2244TSOCT		S	SOIC	20
PI74FCT2244TQ	Pericom Semiconductor		CY74FCT2244TQCT		S	QSOP	20
PI74FCT2244TQ	Pericom Semiconductor		CY74FCT244TQCT		S	QSOP	20
PI74FCT2244TS	Pericom Semiconductor		CY74FCT2244ATSOC		S	SOIC	20
PI74FCT2244TS	Pericom Semiconductor		CY74FCT2244TSOC		S	SOIC	20
PI74FCT2244TS	Pericom Semiconductor		CY74FCT2244TSOCT		S	SOIC	20
PI74FCT2245ATS	Pericom Semiconductor	tpd differs	CY74FCT2245TSOC		S	SOIC	20
PI74FCT2245CTS	Pericom Semiconductor	tpd differs	CY74FCT2245TSOC		S	SOIC	20
PI74FCT2245TP	Pericom Semiconductor	tpd differs	CY74FCT2245ATPC	Substitute A speed	S	PDIP	20
PI74FCT2245TQ	Pericom Semiconductor		CY74FCT2245TQCT		S	QSOP	20
PI74FCT2245TQ	Pericom Semiconductor		CY74FCT245TQCT		S	QSOP	20
PI74FCT2245TQE	Pericom Semiconductor		CY74FCT2245TQCT		S	QSOP	20
PI74FCT2245TS	Pericom Semiconductor		CY74FCT2245TSOC		S	SOIC	20
PI74FCT2245TS	Pericom Semiconductor		CY74FCT245TSOC		S	SOIC	20
PI74FCT2245TSE	Pericom Semiconductor		CY74FCT2245TSOC		S	SOIC	20
PI74FCT2257ATQ	Pericom Semiconductor		CY74FCT2257ATQCT		S	QSOP	16
PI74FCT2257ATQ	Pericom Semiconductor	tpd differs	CY74FCT2257CTQCT		S	QSOP	16
PI74FCT2257ATQ	Pericom Semiconductor	tpd differs	CY74FCT257ATQCT		S	QSOP	16
PI74FCT2257ATQ	Pericom Semiconductor	tpd differs	CY74FCT257TQCT		S	QSOP	16
PI74FCT2257ATS	Pericom Semiconductor	tpd differs	CY74FCT2257CTSOC		S	SOIC	16
PI74FCT2257ATS	Pericom Semiconductor	tpd differs	CY74FCT257CTSOC		S	SOIC	16
PI74FCT2257ATW	Pericom Semiconductor		CY74FCT257ATD	Substitute non-resistor part type for available package	Q	SOIC	16
PI74FCT2257ATW	Pericom Semiconductor		CY74FCT257ATD		S	SOIC	16
PI74FCT2257CTQ	Pericom Semiconductor	tpd differs	CY74FCT2257ATQCT		S	QSOP	16
PI74FCT2257CTQ	Pericom Semiconductor	tpd differs	CY74FCT2257CTQCT		S	QSOP	16
PI74FCT2257CTQ	Pericom Semiconductor	tpd differs	CY74FCT257ATQCT		S	QSOP	16
PI74FCT2257CTQ	Pericom Semiconductor		CY74FCT257CTQCT		S	QSOP	16
PI74FCT2257CTQ	Pericom Semiconductor	tpd differs	CY74FCT257TQCT		S	QSOP	16
PI74FCT2257CTS	Pericom Semiconductor	tpd differs	CY74FCT2257CTSOC		S	SOIC	16
PI74FCT2257CTS	Pericom Semiconductor		CY74FCT257CTSOC		S	SOIC	16

PI74FCT16827ETV — PI74FCT2257CTS

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
PI74FCT2257CTW	Pericom Semiconductor		CY74FCT257CTD	Substitute non-resistor part type for available package	Q	SOIC	16
PI74FCT2257CTW	Pericom Semiconductor		CY74FCT257CTD		S	SOIC	16
PI74FCT2257TQ	Pericom Semiconductor	tpd differs	CY74FCT2257ATQCT		S	QSOP	16
PI74FCT2257TQ	Pericom Semiconductor	tpd differs	CY74FCT2257CTQCT		S	QSOP	16
PI74FCT2257TS	Pericom Semiconductor	tpd differs	CY74FCT2257CTSOC		S	SOIC	16
PI74FCT2257TS	Pericom Semiconductor	tpd differs	CY74FCT257CTSOC		S	SOIC	16
PI74FCT2257TW	Pericom Semiconductor	tpd differs	CY74FCT257ATD	Substitute non-resistor part type for available package, Substitute A speed	Q	SOIC	16
PI74FCT2257TW	Pericom Semiconductor		CY74FCT257ATD	Substitute A speed	S	SOIC	16
PI74FCT240CTQ	Pericom Semiconductor		CY74FCT240CTQCT		S	SSOP/QSOP	20
PI74FCT240CTQX	Pericom Semiconductor		CY74FCT240CTQCT		S	SSOP/QSOP	20
PI74FCT240CTS	Pericom Semiconductor		CY74FCT240CTSOC		S	SOIC	20
PI74FCT240CTS	Pericom Semiconductor		CY74FCT240CTSOC		S	SOIC	20
PI74FCT240CTSX	Pericom Semiconductor		CY74FCT240CTSOC		S	SOIC	20
PI74FCT241TP	Pericom Semiconductor	tpd differs	CD74FCT244ATE		S	PDIP	20
PI74FCT241TQ	Pericom Semiconductor		CY74FCT244TQCT		S	QSOP	20
PI74FCT244ATP	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	CY74FCT244ATPC		S	PDIP	20
PI74FCT244ATQ	Pericom Semiconductor	tpd differs	CY74FCT2244ATQCT		S	QSOP	20
PI74FCT244ATQ	Pericom Semiconductor		CY74FCT244ATQCT		S	SSOP/QSOP	20
PI74FCT244ATQX	Pericom Semiconductor	tpd differs	CY74FCT2244ATQCT		S	QSOP	20
PI74FCT244ATQX	Pericom Semiconductor		CY74FCT244ATQCT		S	SSOP/QSOP	20
PI74FCT244ATS	Pericom Semiconductor		CY74FCT244ATSOC		S	SOIC	20
PI74FCT244ATSE	Pericom Semiconductor		CY74FCT244ATSOC		S	SOIC	20
PI74FCT244ATSX	Pericom Semiconductor		CY74FCT244ATSOC		S	SOIC	20
PI74FCT244DTS	Pericom Semiconductor		CY74FCT244DTSOC		S	SOIC	20
PI74FCT244DTSE	Pericom Semiconductor		CY74FCT244DTSOC		S	SOIC	20
PI74FCT244TP	Pericom Semiconductor	tpd differs	CY74FCT244ATPC	Substitute A speed	S	PDIP	20
PI74FCT244TQ	Pericom Semiconductor		CY74FCT2244TQCT		S	QSOP	20
PI74FCT244TQ	Pericom Semiconductor		CY74FCT244TQCT		S	SSOP/QSOP	20
PI74FCT244TQX	Pericom Semiconductor		CY74FCT244TQCT		S	SSOP/QSOP	20
PI74FCT244TS	Pericom Semiconductor		CY74FCT2244TSOC		S	SOIC	20
PI74FCT244TS	Pericom Semiconductor		CY74FCT244TSOC		S	SOIC	20
PI74FCT244TSX	Pericom Semiconductor		CY74FCT244TSOC		S	SOIC	20
PI74FCT245ATP	Pericom Semiconductor		CY74FCT245ATPC		S	PDIP	20
PI74FCT245ATP	Pericom Semiconductor	tpd differs	CD74FCT245E		S	PDIP	20
PI74FCT245ATQ	Pericom Semiconductor		CY74FCT245ATQCT		S	SSOP/QSOP	20
PI74FCT245ATQ	Pericom Semiconductor	tpd differs	CY74FCT245TQCT		S	QSOP	20
PI74FCT245ATQE	Pericom Semiconductor	tpd differs	CY74FCT245TQCT		S	QSOP	20
PI74FCT245ATQX	Pericom Semiconductor		CY74FCT245ATQCT		S	SSOP/QSOP	20
PI74FCT245ATS	Pericom Semiconductor	tpd differs	CD74FCT245M		S	SOIC	20
PI74FCT245ATS	Pericom Semiconductor		CY74FCT245ATSOC		S	SOIC	20
PI74FCT245ATS	Pericom Semiconductor	tpd differs	CY74FCT245TSOC		S	SOIC	20
PI74FCT245ATSE	Pericom Semiconductor	tpd differs	CD74FCT245M		S	SOIC	20
PI74FCT245ATSE	Pericom Semiconductor	tpd differs	CY74FCT245TSOC		S	SOIC	20
PI74FCT245ATSX	Pericom Semiconductor		CY74FCT245ATSOC		S	SOIC	20
PI74FCT245CTP	Pericom Semiconductor	tpd differs	CD74FCT245E		S	PDIP	20
PI74FCT245CTQ	Pericom Semiconductor		CY74FCT245CTQCT		S	SSOP/QSOP	20
PI74FCT245CTQ	Pericom Semiconductor	tpd differs	CY74FCT245TQCT		S	QSOP	20
PI74FCT245CTQX	Pericom Semiconductor		CY74FCT245CTQCT		S	SSOP/QSOP	20
PI74FCT245CTS	Pericom Semiconductor	tpd differs	CD74FCT245M		S	SOIC	20
PI74FCT245CTS	Pericom Semiconductor		CY74FCT245CTSOC		S	SOIC	20
PI74FCT245CTS	Pericom Semiconductor	tpd differs	CY74FCT245TSOC		S	SOIC	20
PI74FCT245CTSX	Pericom Semiconductor		CY74FCT245CTSOC		S	SOIC	20
PI74FCT245DTP	Pericom Semiconductor	tpd differs	CD74FCT245E		S	PDIP	20
PI74FCT245DTQ	Pericom Semiconductor	tpd differs	CY74FCT245TQCT		S	QSOP	20
PI74FCT245DTQX	Pericom Semiconductor		CY74FCT245DTQCT		S	QSOP	20
PI74FCT245DTS	Pericom Semiconductor	tpd differs	CD74FCT245M		S	SOIC	20
PI74FCT245DTS	Pericom Semiconductor	tpd differs	CY74FCT245TSOC		S	SOIC	20
PI74FCT245DTSE	Pericom Semiconductor	tpd differs	CD74FCT245M		S	SOIC	20
PI74FCT245DTSE	Pericom Semiconductor	tpd differs	CY74FCT245TSOC		S	SOIC	20
PI74FCT245TP	Pericom Semiconductor	tpd differs	CY74FCT245ATPC	Substitute A speed, faster	S	PDIP	20
PI74FCT245TQ	Pericom Semiconductor		CY74FCT245TQCT		S	QSOP	20
PI74FCT245TQX	Pericom Semiconductor		CY74FCT245TQCT		S	SSOP/QSOP	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
PI74FCT245TS	Pericom Semiconductor		CD74FCT245M		S	SOIC	20
PI74FCT245TS	Pericom Semiconductor		CY74FCT2245TSOC		S	SOIC	20
PI74FCT245TS	Pericom Semiconductor		CY74FCT245TSOC		S	SOIC	20
PI74FCT245TSE	Pericom Semiconductor	ttd differs	CD74FCT245M		S	SOIC	20
PI74FCT245TSE	Pericom Semiconductor		CY74FCT245TSOC		S	SOIC	20
PI74FCT245TSX	Pericom Semiconductor		CY74FCT245TSOCT		S	SOIC	20
PI74FCT2541ATQ	Pericom Semiconductor		CY74FCT2541ATQCT		S	SSOP/QSOP	20
PI74FCT2541ATS	Pericom Semiconductor		CY74FCT2541ATSOC		S	SOIC	20
PI74FCT2541CTQ	Pericom Semiconductor		CY74FCT2541CTQCT		S	QSOP	20
PI74FCT2541CTQ	Pericom Semiconductor	ttd differs	CY74FCT2541TQCT		S	QSOP	20
PI74FCT2541CTS	Pericom Semiconductor		CY74FCT2541CTSOC		S	SOIC	20
PI74FCT2541TQ	Pericom Semiconductor	ttd differs	CY74FCT2541TQCT		S	QSOP	20
PI74FCT2541TQ	Pericom Semiconductor	ttd differs	CY74FCT540CTQCT		S	QSOP	20
PI74FCT2541TS	Pericom Semiconductor		CY74FCT2541TSOC		S	SOIC	20
PI74FCT2543TQ	Pericom Semiconductor		CY74FCT543TQCT		S	QSOP	24
PI74FCT2543TS	Pericom Semiconductor		CY74FCT543TSOC		S	SOIC	24
PI74FCT2573CTSO	Pericom Semiconductor	ttd differs	CY74FCT2573TSOC		S	SOIC	20
PI74FCT2573TQ	Pericom Semiconductor	ttd, Vs differ	CY74FCT2573ATQCT		S	QSOP	20
PI74FCT2573TQ	Pericom Semiconductor	ttd, Vs differ	CY74FCT2573CTQCT		S	QSOP	20
PI74FCT2573TQ	Pericom Semiconductor	Vs differs	CY74FCT573ATQCT		S	QSOP	20
PI74FCT2573TQ	Pericom Semiconductor	Vs differs	CY74FCT573CTQCT		S	QSOP	20
PI74FCT2573TQ	Pericom Semiconductor	Vs differs	CY74FCT573TQCT		S	QSOP	20
PI74FCT2573TS	Pericom Semiconductor	ttd, Vs differ	CY74FCT2573CTSOC		S	SOIC	20
PI74FCT2573TS	Pericom Semiconductor	ttd, Vs differ	CY74FCT573ATSOC		S	SOIC	20
PI74FCT2573TS	Pericom Semiconductor	ttd, Vs differ	CY74FCT573CTSOC		S	SOIC	20
PI74FCT2573TS	Pericom Semiconductor	Vs differs	CY74FCT573TSOC		S	SOIC	20
PI74FCT257ATQ	Pericom Semiconductor		CY74FCT257ATQCT		S	QSOP	16
PI74FCT257ATQ	Pericom Semiconductor		CY74FCT257CTQCT		S	QSOP	16
PI74FCT257ATS	Pericom Semiconductor		CY74FCT257CTSOC		S	SOIC	16
PI74FCT257ATW	Pericom Semiconductor		CY74FCT257ATD		S	SOIC	16
PI74FCT257CTQ	Pericom Semiconductor		CY74FCT257ATQCT		S	QSOP	16
PI74FCT257CTQ	Pericom Semiconductor		CY74FCT257CTQCT		S	QSOP	16
PI74FCT257CTS	Pericom Semiconductor		CY74FCT257CTSOC		S	SOIC	16
PI74FCT257CTW	Pericom Semiconductor		CY74FCT257CTD		S	SOIC	16
PI74FCT257TQ	Pericom Semiconductor	ttd differs	CY74FCT257ATQCT		S	QSOP	16
PI74FCT257TQ	Pericom Semiconductor	ttd differs	CY74FCT257CTQCT		S	QSOP	16
PI74FCT257TQ	Pericom Semiconductor		CY74FCT257TQCT		S	QSOP	16
PI74FCT257TS	Pericom Semiconductor		CY74FCT257CTSOC		S	SOIC	16
PI74FCT257TW	Pericom Semiconductor	ttd differs	CY74FCT257ATD	Substitute A speed	S	SOIC	16
PI74FCT2646TQ	Pericom Semiconductor	ttd differs	CY74FCT646TQCT		S	QSOP	24
PI74FCT2646TS	Pericom Semiconductor	ttd differs	CY74FCT646TSOC		S	SOIC	24
PI74FCT273ATQ	Pericom Semiconductor		CY74FCT273ATQCT		S	QSOP	20
PI74FCT273ATQX	Pericom Semiconductor		CY74FCT273ATQCT		S	SSOP/QSOP	20
PI74FCT273ATS	Pericom Semiconductor		CY74FCT273ATSOC		S	SOIC	20
PI74FCT273ATSX	Pericom Semiconductor		CY74FCT273ATSOC		S	SOIC	20
PI74FCT273CTQ	Pericom Semiconductor		CY74FCT273CTQCT		S	QSOP	20
PI74FCT273CTQX	Pericom Semiconductor		CY74FCT273CTQCT		S	SSOP/QSOP	20
PI74FCT273CTS	Pericom Semiconductor		CY74FCT273CTSOC		S	SOIC	20
PI74FCT273CTSX	Pericom Semiconductor		CY74FCT273CTSOCT		S	SOIC	20
PI74FCT273TQ	Pericom Semiconductor		CY74FCT273TQCT		S	QSOP	20
PI74FCT273TQX	Pericom Semiconductor		CY74FCT273TQCT		S	SSOP/QSOP	20
PI74FCT273TS	Pericom Semiconductor		CY74FCT273TSOC		S	SOIC	20
PI74FCT273TSX	Pericom Semiconductor		CY74FCT273TSOCT		S	SOIC	20
PI74FCT2827ATQ	Pericom Semiconductor	Discontinued PDN 05-0101, 01/07/2005	CY74FCT2827ATQCT		S	QSOP	24
PI74FCT2827ATQ	Pericom Semiconductor	ttd differs	CY74FCT2827CTQCT		S	QSOP	24
PI74FCT2827ATQ	Pericom Semiconductor	ttd differs	CY74FCT827ATQCT		S	QSOP	24
PI74FCT2827ATQ	Pericom Semiconductor	ttd differs	CY74FCT827CTQCT		S	QSOP	24
PI74FCT2827ATQX	Pericom Semiconductor	Discontinued PDN 05-0101, 01/07/2005	CY74FCT2827ATQCT		S	QSOP/SSOP	24
PI74FCT2827ATS	Pericom Semiconductor		CY74FCT827ATSOC		S	SOIC	24
PI74FCT2827ATS	Pericom Semiconductor		CY74FCT827ATSOCT		S	SOIC	24
PI74FCT2827BTQ	Pericom Semiconductor	ttd differs	CY74FCT2827CTQCT		S	QSOP	24
PI74FCT2827BTQ	Pericom Semiconductor	ttd differs	CY74FCT827CTQCT		S	QSOP	24
PI74FCT2827BTS	Pericom Semiconductor	ttd differs	CY74FCT827ATSOC		S	SOIC	24
PI74FCT2827CTQ	Pericom Semiconductor		CY74FCT2827CTQCT		S	QSOP	24

PI74FCT245TS — PI74FCT2827CTQ

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
PI74FCT2827CTQ	Pericom Semiconductor		CY74FCT827CTQCT		S	QSOP	24
PI74FCT2827CTS	Pericom Semiconductor	tpd differs	CY74FCT827ATSOC		S	SOIC	24
PI74FCT2827TQ	Pericom Semiconductor	tpd differs	CY74FCT2827CTQCT		S	QSOP	24
PI74FCT2827TQ	Pericom Semiconductor	tpd differs	CY74FCT827ATQCT		S	QSOP	24
PI74FCT2827TQ	Pericom Semiconductor	tpd differs	CY74FCT827CTQCT		S	QSOP	24
PI74FCT2827TS	Pericom Semiconductor	tpd differs	CY74FCT827ATSOC		S	SOIC	24
PI74FCT2841ATQ	Pericom Semiconductor	tpd differs	CY74FCT841CTQCT		S	QSOP	24
PI74FCT2841ATS	Pericom Semiconductor	Vs differs	CY74FCT841ATSOC		S	SOIC	24
PI74FCT2841ATS	Pericom Semiconductor	tpd, Vs differ	CY74FCT841CTSOC		S	SOIC	24
PI74FCT2841BTQ	Pericom Semiconductor		CY74FCT841CTQCT		S	QSOP	24
PI74FCT2841BTS	Pericom Semiconductor	tpd, Vs differ	CY74FCT841ATSOC		S	SOIC	24
PI74FCT2841BTS	Pericom Semiconductor	tpd differs	CY74FCT841CTSOC		S	SOIC	24
PI74FCT2841CTQ	Pericom Semiconductor		CY74FCT841CTQCT		S	QSOP	24
PI74FCT2841CTS	Pericom Semiconductor	tpd, Vs differ	CY74FCT841ATSOC		S	SOIC	24
PI74FCT2841CTS	Pericom Semiconductor	Vs differs	CY74FCT841CTSOC		S	SOIC	24
PI74FCT2841TQ	Pericom Semiconductor	Vs differs	CY74FCT841CTQCT		S	QSOP	24
PI74FCT2841TS	Pericom Semiconductor	Vs differs	CY74FCT841ATSOC		S	SOIC	24
PI74FCT373ATQ	Pericom Semiconductor		CY74FCT2373ATQCT		S	QSOP	20
PI74FCT373ATQ	Pericom Semiconductor	tpd differs	CY74FCT2373CTQCT		S	QSOP	20
PI74FCT373ATQ	Pericom Semiconductor	tpd differs	CY74FCT2373TQCT		S	QSOP	20
PI74FCT374ATQ	Pericom Semiconductor	tpd differs	CY74FCT374TQCT		S	QSOP	20
PI74FCT374ATQE	Pericom Semiconductor	tpd differs	CY74FCT374TQCT		S	QSOP	20
PI74FCT374ATS	Pericom Semiconductor		CY74FCT374ATSOC		S	SOIC	20
PI74FCT374CTQE	Pericom Semiconductor	tpd differs	CY74FCT374TQCT		S	QSOP	20
PI74FCT374TQE	Pericom Semiconductor		CY74FCT374TQCT		S	QSOP	20
PI74FCT374TS	Pericom Semiconductor		CY74FCT374TSOC		S	SOIC	20
PI74FCT377ATQ	Pericom Semiconductor		CY74FCT377ATQCT		S	QSOP	20
PI74FCT377ATQX	Pericom Semiconductor		CY74FCT377ATQCT		S	SSOP/QSOP	20
PI74FCT377ATS	Pericom Semiconductor		CY74FCT377ATSOC		S	SOIC	20
PI74FCT377ATSX	Pericom Semiconductor		CY74FCT377ATSOC		S	SOIC	20
PI74FCT377CTQ	Pericom Semiconductor		CY74FCT377CTQCT		S	QSOP	20
PI74FCT377CTQX	Pericom Semiconductor		CY74FCT377CTQCT		S	SSOP/QSOP	20
PI74FCT377CTS	Pericom Semiconductor		CY74FCT377CTSOC		S	SOIC	20
PI74FCT377CTSX	Pericom Semiconductor		CY74FCT377CTSOC		S	SOIC	20
PI74FCT377TQ	Pericom Semiconductor		CY74FCT377TQCT		S	QSOP	20
PI74FCT377TQX	Pericom Semiconductor		CY74FCT377TQCT		S	SSOP/QSOP	20
PI74FCT377TS	Pericom Semiconductor	tpd differs	CY74FCT377ATSOC	Substitute A speed	S	SOIC	20
PI74FCT377TSX	Pericom Semiconductor	tpd differs	CY74FCT377ATSOC	Substitute A speed	S	SOIC	20
PI74FCT399TS	Pericom Semiconductor	tpd differs	CY74FCT399ATSOC		S	SOIC	16
PI74FCT399TS	Pericom Semiconductor	tpd differs	CY74FCT399CTSOC		S	SOIC	16
PI74FCT399TW	Pericom Semiconductor	SOIC narrow package	CY74FCT399ATSOC	SOIC wide package, substitute A speed	P	SOIC	16
PI74FCT540ATP	Pericom Semiconductor	tpd differs	CD74FCT541E		S	PDIP	20
PI74FCT540ATQ	Pericom Semiconductor	tpd differs	CY74FCT540CTQCT	Substitute C speed	S	QSOP	20
PI74FCT540ATQ	Pericom Semiconductor	tpd differs	CY74FCT541ATQCT		S	QSOP	20
PI74FCT540ATS	Pericom Semiconductor	tpd differs	CY74FCT541ATSOC		S	SOIC	20
PI74FCT540ATS	Pericom Semiconductor	tpd differs	CY74FCT541ATSOC		S	SOIC	20
PI74FCT540CTP	Pericom Semiconductor	tpd, Vs differ	CD74FCT541E	BiCMOS outputs	Q	PDIP	20
PI74FCT540CTQ	Pericom Semiconductor		CY74FCT540CTQCT		S	QSOP	20
PI74FCT540CTQ	Pericom Semiconductor		CY74FCT541CTQCT		S	QSOP	20
PI74FCT540CTS	Pericom Semiconductor		CY74FCT541CTSOC		S	SOIC	20
PI74FCT540CTS	Pericom Semiconductor		CY74FCT541CTSOC		S	SOIC	20
PI74FCT540TP	Pericom Semiconductor	tpd differs	CD74FCT541E		S	PDIP	20
PI74FCT540TQ	Pericom Semiconductor	tpd differs	CY74FCT540CTQCT		S	QSOP	20
PI74FCT540TQ	Pericom Semiconductor	tpd differs	CY74FCT541TQCT		S	QSOP	20
PI74FCT541ATP	Pericom Semiconductor		CY74FCT541ATPC		S	PDIP	20
PI74FCT541ATQ	Pericom Semiconductor		CY74FCT2541ATQCT		S	QSOP	20
PI74FCT541ATQ	Pericom Semiconductor	tpd differs	CY74FCT540CTQCT	Substitute C speed	S	QSOP	20
PI74FCT541ATQ	Pericom Semiconductor		CY74FCT541ATQCT		S	SSOP/QSOP	20
PI74FCT541ATQX	Pericom Semiconductor		CY74FCT541ATQCT		S	SSOP/QSOP	20
PI74FCT541ATS	Pericom Semiconductor		CY74FCT541ATSOC		S	SOIC	20
PI74FCT541ATS	Pericom Semiconductor	tpd differs	CY74FCT541ATSOC		S	SOIC	20
PI74FCT541ATSE	Pericom Semiconductor	Vs differs	CY74FCT541ATSOC		S	SOIC	20
PI74FCT541ATSX	Pericom Semiconductor		CY74FCT541ATSOC		S	SOIC	20
PI74FCT541CTQ	Pericom Semiconductor		CY74FCT2541CTQCT		S	QSOP	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
PI74FCT541CTQ	Pericom Semiconductor		CY74FCT540CTQCT		S	QSOP	20
PI74FCT541CTQ	Pericom Semiconductor		CY74FCT541CTQCT		S	SSOP/QSOP	20
PI74FCT541CTQX	Pericom Semiconductor		CY74FCT541CTQCT		S	SSOP/QSOP	20
PI74FCT541CTS	Pericom Semiconductor		CY74FCT541CTSOC		S	SOIC	20
PI74FCT541CTS	Pericom Semiconductor		CY74FCT541CTSOC		S	SOIC	20
PI74FCT541CTSX	Pericom Semiconductor		CY74FCT541CTSOC		S	SOIC	20
PI74FCT541TQ	Pericom Semiconductor	tpd differs	CY74FCT2541TQCT		S	QSOP	20
PI74FCT541TQ	Pericom Semiconductor	tpd differs	CY74FCT540CTQCT		S	QSOP	20
PI74FCT541TQ	Pericom Semiconductor	tpd differs	CY74FCT541ATQCT	Substitute A speed	S	SSOP/QSOP	20
PI74FCT541TQ	Pericom Semiconductor	tpd differs	CY74FCT541TQCT		S	QSOP	20
PI74FCT541TQE	Pericom Semiconductor	tpd differs	CY74FCT540CTQCT		S	QSOP	20
PI74FCT541TQE	Pericom Semiconductor	tpd differs	CY74FCT541TQCT		S	QSOP	20
PI74FCT541TQX	Pericom Semiconductor	tpd differs	CY74FCT541ATQCT	Substitute A speed	S	SSOP/QSOP	20
PI74FCT541TS	Pericom Semiconductor		CY74FCT541TSOC		S	SOIC	20
PI74FCT541TSX	Pericom Semiconductor		CY74FCT541TSOCT		S	SOIC	20
PI74FCT543ATQ	Pericom Semiconductor		CY74FCT543ATQCT		S	QSOP	24
PI74FCT543ATQ	Pericom Semiconductor	tpd differs	CY74FCT543TQCT		S	QSOP	24
PI74FCT543ATQX	Pericom Semiconductor		CY74FCT543ATQCT		S	SSOP/QSOP	24
PI74FCT543ATS	Pericom Semiconductor		CY74FCT543ATSOC		S	SOIC	20
PI74FCT543ATS	Pericom Semiconductor	tpd differs	CY74FCT543TSOC		S	SOIC	24
PI74FCT543ATSX	Pericom Semiconductor		CY74FCT543ATSOC		S	SOIC	24
PI74FCT543CTQ	Pericom Semiconductor		CY74FCT543CTQCT		S	QSOP	24
PI74FCT543CTQ	Pericom Semiconductor	tpd differs	CY74FCT543TQCT		S	QSOP	24
PI74FCT543CTQE	Pericom Semiconductor	tpd differs	CY74FCT543TQCT		S	TQSOP	24
PI74FCT543CTQX	Pericom Semiconductor		CY74FCT543CTQCT		S	SSOP/QSOP	24
PI74FCT543CTS	Pericom Semiconductor		CY74FCT543CTSOC		S	SOIC	24
PI74FCT543CTS	Pericom Semiconductor	tpd differs	CY74FCT543TSOC		S	SOIC	24
PI74FCT543CTSE	Pericom Semiconductor	tpd differs	CY74FCT543TSOC		S	TQSOP	24
PI74FCT543CTSX	Pericom Semiconductor		CY74FCT543CTSOC		S	SOIC	24
PI74FCT543DTQ	Pericom Semiconductor	tpd differs	CY74FCT543TQCT		S	QSOP	24
PI74FCT543DTQE	Pericom Semiconductor	tpd differs	CY74FCT543TQCT		S	QSOP	24
PI74FCT543DTS	Pericom Semiconductor	tpd differs	CY74FCT543TSOC		S	SOIC	24
PI74FCT543TQ	Pericom Semiconductor		CY74FCT543TQCT		S	QSOP	24
PI74FCT543TQE	Pericom Semiconductor		CY74FCT543TQCT		S	QSOP	24
PI74FCT543TQX	Pericom Semiconductor		CY74FCT543TQCT		S	SSOP/QSOP	24
PI74FCT543TS	Pericom Semiconductor		CY74FCT543TSOC		S	SOIC	24
PI74FCT543TSE	Pericom Semiconductor		CY74FCT543TSOC		S	TQSOP	24
PI74FCT543TSX	Pericom Semiconductor		CY74FCT543TSOCT		S	SOIC	24
PI74FCT573ATQ	Pericom Semiconductor		CY74FCT2573ATQCT		S	QSOP	20
PI74FCT573ATQ	Pericom Semiconductor	tpd differs	CY74FCT2573CTQCT		S	QSOP	20
PI74FCT574ATQ	Pericom Semiconductor		CY74FCT574ATQCT		S	QSOP	20
PI74FCT574ATQX	Pericom Semiconductor		CY74FCT574ATQCT		S	SSOP/QSOP	20
PI74FCT574ATS	Pericom Semiconductor		CY74FCT574ATSOC		S	SOIC	20
PI74FCT574ATSX	Pericom Semiconductor		CY74FCT574ATSOCT		S	SOIC	20
PI74FCT574CTQ	Pericom Semiconductor		CY74FCT574CTQCT		S	QSOP	20
PI74FCT574CTQX	Pericom Semiconductor		CY74FCT574CTQCT		S	SSOP/QSOP	20
PI74FCT574CTS	Pericom Semiconductor		CY74FCT574CTSOC		S	SOIC	20
PI74FCT574CTSX	Pericom Semiconductor		CY74FCT574CTSOC		S	SOIC	20
PI74FCT574TQ	Pericom Semiconductor		CY74FCT574TQCT		S	QSOP	20
PI74FCT574TQX	Pericom Semiconductor		CY74FCT574TQCT		S	SSOP/QSOP	20
PI74FCT574TS	Pericom Semiconductor		CY74FCT574TSOC		S	SOIC	20
PI74FCT574TSX	Pericom Semiconductor		CY74FCT574TSOCT		S	SOIC	20
PI74FCT646ATQ	Pericom Semiconductor		CY74FCT646ATQCT		S	QSOP	24
PI74FCT646ATQ	Pericom Semiconductor	tpd differs	CY74FCT646TQCT		S	QSOP	24
PI74FCT646ATQ	Pericom Semiconductor		CY74FCT646ATQCT		S	SSOP/QSOP	24
PI74FCT646ATQX	Pericom Semiconductor		CY74FCT646ATQCT		S	SSOP/QSOP	24
PI74FCT646ATS	Pericom Semiconductor		CY74FCT646ATSOC		S	SOIC	24
PI74FCT646ATS	Pericom Semiconductor	tpd differs	CY74FCT646TSOC		S	SOIC	24
PI74FCT646ATSX	Pericom Semiconductor		CY74FCT646ATSOC		S	SOIC	24
PI74FCT646CTQ	Pericom Semiconductor		CY74FCT646CTQCT		S	QSOP	24
PI74FCT646CTQ	Pericom Semiconductor	tpd differs	CY74FCT646TQCT		S	QSOP	24
PI74FCT646CTQX	Pericom Semiconductor		CY74FCT646CTQCT		S	SSOP/QSOP	24
PI74FCT646CTS	Pericom Semiconductor		CY74FCT646CTSOC		S	SOIC	24
PI74FCT646CTS	Pericom Semiconductor	tpd differs	CY74FCT646TSOC		S	SOIC	24

PI74FCT541CTQ — PI74FCT646CTS

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
PI74FCT646CTSX	Pericom Semiconductor		CY74FCT646CTSOCT		S	SOIC	24
PI74FCT646DTQ	Pericom Semiconductor	tpd differs	CY74FCT646CTQCT	Substitute C speed, slower	Q	SSOP/QSOP	24
PI74FCT646DTQX	Pericom Semiconductor	tpd differs	CY74FCT646CTQCT	Substitute C speed, slower	Q	SSOP/QSOP	24
PI74FCT646DTS	Pericom Semiconductor	tpd differs	CY74FCT646CTSOCT	Substitute C speed, slower	Q	SOIC	24
PI74FCT646DTSX	Pericom Semiconductor	tpd differs	CY74FCT646CTSOCT	Substitute C speed, slower	Q	SOIC	24
PI74FCT646TQ	Pericom Semiconductor		CY74FCT646TQCT		S	QSOP	24
PI74FCT646TS	Pericom Semiconductor		CY74FCT646TSOC		S	SOIC	24
PI74FCT648TQ	Pericom Semiconductor	tpd differs	CY74FCT646TQCT		S	QSOP	24
PI74FCT648TS	Pericom Semiconductor	tpd differs	CY74FCT646TSOC		S	SOIC	24
PI74FCT821ATQ	Pericom Semiconductor		CY74FCT821ATQCT		S	SSOP	24
PI74FCT821ATQX	Pericom Semiconductor		CY74FCT821ATQCT		S	SSOP/QSOP	24
PI74FCT821ATS	Pericom Semiconductor		CY74FCT821ATSOC		S	SOIC	24
PI74FCT821ATSX	Pericom Semiconductor		CY74FCT821ATSOC		S	SOIC	24
PI74FCT821BTP	Pericom Semiconductor		CY74FCT821BTPC		S	PDIP	24
PI74FCT821BTQ	Pericom Semiconductor	tpd differs	CY74FCT821CTQCT	Substitute C speed	S	SSOP/QSOP	24
PI74FCT821BTQX	Pericom Semiconductor	tpd differs	CY74FCT821CTQCT	Substitute C speed	S	SSOP/QSOP	24
PI74FCT821BTS	Pericom Semiconductor		CY74FCT821BTSOC		S	SOIC	24
PI74FCT821BTSX	Pericom Semiconductor		CY74FCT821BTSOC		S	SOIC	24
PI74FCT821CTQ	Pericom Semiconductor		CY74FCT821CTQCT		S	SSOP	24
PI74FCT821CTQX	Pericom Semiconductor		CY74FCT821CTQCT		S	SSOP/QSOP	24
PI74FCT821CTS	Pericom Semiconductor		CY74FCT821CTSOC		S	SOIC	24
PI74FCT821CTSX	Pericom Semiconductor		CY74FCT821CTSOC		S	SOIC	24
PI74FCT823ATP	Pericom Semiconductor		CY74FCT823ATPC		S	PDIP	24
PI74FCT823ATQ	Pericom Semiconductor		CY74FCT823ATQCT		S	SSOP	24
PI74FCT823ATQX	Pericom Semiconductor		CY74FCT823ATQCT		S	SSOP/QSOP	24
PI74FCT823ATS	Pericom Semiconductor		CY74FCT823ATSOC		S	SOIC	24
PI74FCT823ATSX	Pericom Semiconductor		CY74FCT823ATSOC		S	SOIC	24
PI74FCT823BTP	Pericom Semiconductor		CY74FCT823BTPC		S	PDIP	24
PI74FCT823CTQ	Pericom Semiconductor		CY74FCT823CTQCT		S	SSOP	24
PI74FCT823CTQX	Pericom Semiconductor		CY74FCT823CTQCT		S	SSOP/QSOP	24
PI74FCT823CTS	Pericom Semiconductor		CY74FCT823CTSOC		S	SOIC	24
PI74FCT823CTSX	Pericom Semiconductor		CY74FCT823CTSOC		S	SOIC	24
PI74FCT827ATQ	Pericom Semiconductor	tpd differs	CY74FCT827CTQCT		S	QSOP	24
PI74FCT827ATQ	Pericom Semiconductor	tpd differs	CY74FCT827ATQCT		S	QSOP	24
PI74FCT827ATQ	Pericom Semiconductor	tpd differs	CY74FCT827CTQCT		S	QSOP	24
PI74FCT827ATR	Pericom Semiconductor		CY74FCT827ATQCT		S	SSOP/QSOP	24
PI74FCT827ATR	Pericom Semiconductor	tpd, Vs differ	CY74FCT827CTQCT		S	SSOP/QSOP	24
PI74FCT827ATS	Pericom Semiconductor	tpd differs	CY74FCT827ATSOC		S	SOIC	24
PI74FCT827ATS	Pericom Semiconductor	tpd differs	CY74FCT827ATSOC		S	SOIC	24
PI74FCT827BTQ	Pericom Semiconductor	tpd differs	CY74FCT827CTQCT		S	QSOP	24
PI74FCT827BTQ	Pericom Semiconductor	tpd differs	CY74FCT827ATQCT		S	QSOP	24
PI74FCT827BTQ	Pericom Semiconductor	tpd differs	CY74FCT827CTQCT		S	QSOP	24
PI74FCT827BTS	Pericom Semiconductor	tpd differs	CY74FCT827ATSOC		S	SOIC	24
PI74FCT827BTS	Pericom Semiconductor	tpd differs	CY74FCT827ATSOC		S	SOIC	24
PI74FCT827CTQ	Pericom Semiconductor		CY74FCT827CTQCT		S	QSOP	24
PI74FCT827CTQ	Pericom Semiconductor	tpd differs	CY74FCT827ATQCT		S	QSOP	24
PI74FCT827CTQ	Pericom Semiconductor		CY74FCT827CTQCT		S	QSOP	24
PI74FCT827CTS	Pericom Semiconductor	tpd differs	CY74FCT827ATSOC		S	SOIC	24
PI74FCT827CTS	Pericom Semiconductor	tpd differs	CY74FCT827ATSOC		S	SOIC	24
PI74FCT827DTQ	Pericom Semiconductor	tpd differs	CY74FCT827ATQCT		S	QSOP	24
PI74FCT827DTQ	Pericom Semiconductor	tpd differs	CY74FCT827CTQCT		S	QSOP	24
PI74FCT827DTS	Pericom Semiconductor	tpd differs	CY74FCT827ATSOC		S	SOIC	24
PI74FCT827DTS	Pericom Semiconductor	tpd differs	CY74FCT827ATSOC		S	SOIC	24
PI74FCT827TQ	Pericom Semiconductor	tpd differs	CY74FCT827CTQCT		S	QSOP	24
PI74FCT827TQ	Pericom Semiconductor	tpd differs	CY74FCT827ATQCT		S	QSOP	24
PI74FCT827TQ	Pericom Semiconductor	tpd differs	CY74FCT827CTQCT		S	QSOP	24
PI74FCT827TS	Pericom Semiconductor	tpd differs	CY74FCT827ATSOC		S	SOIC	24
PI74FCT827TS	Pericom Semiconductor	tpd differs	CY74FCT827ATSOC		S	SOIC	24
PI74LCX16373A	Pericom Semiconductor	tpd, Vs differ	SN74LVC16373ADGGR		S	TSSOP	48
PI74LCX16373V	Pericom Semiconductor	tpd, Vs differ	SN74LVC16373ADL		S	SSOP	48
PI74LCX244L	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	SN74LVC244APW		S	TSSOP	20
PI74LCX244LX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	SN74LVC244APWR		S	TSSOP	20
PI74LCX245H	Pericom Semiconductor	tpd, Vs differ	SN74LVC245ADBR		S	SSOP	20
PI74LCX245HX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	SN74LVC245ADBR		S	SSOP	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
PI74LCX245S	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	SN74LVC245ADW		S	SOIC	20
PI74LCX245SX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	SN74LVC245ADWR		S	SOIC	20
PI74LCX373H	Pericom Semiconductor	tpd, Vs differ	SN74LVC373ADBR		S	SSOP	20
PI74LCX373L	Pericom Semiconductor	tpd, Vs differ	SN74LVC373APW		S	TSSOP	20
PI74LCX373S	Pericom Semiconductor	tpd, Vs differ	SN74LVC373ADW		S	SOIC	20
PI74LCX541L	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	SN74LVC541APW		S	TSSOP	20
PI74LCX541LX	Pericom Semiconductor	Discontinued PDN 04-0601, 06/30/2004	SN74LVC541APWR		S	TSSOP	20
PI74LCX573H	Pericom Semiconductor	tpd, Vs differ	SN74LVC573ADBR		S	SSOP	20
PI74LCX573L	Pericom Semiconductor	tpd, Vs differ	SN74LVC573APW		S	TSSOP	20
PI74LCX573S	Pericom Semiconductor	Vs differs	SN74LVC573ADW		S	SOIC	20
PI74LVC04AW	Pericom Semiconductor	tpd differs	SN74LVC04ADBR		S	SOIC	14
PI74LVC257AL	Pericom Semiconductor	I/O tolerance differs	SN74LVC257APW		S	TSSOP	16
PI74LVC257AW	Pericom Semiconductor	I/O tolerance differs	SN74LVC257ADW		S	SOIC	16
PI74ST1G00CX	Pericom Semiconductor	Not 5V tolerant, higher lcc	SN74LVC1G00DCKR	Slightly slower, lower lcc	S	SC70/EIAJSC88	5
PI74ST1G00TX	Pericom Semiconductor	Not 5V tolerant, higher lcc	SN74LVC1G00DBVR	Slightly slower, lower lcc	S	SOT-23	5
PI74ST1G02CX	Pericom Semiconductor	Not 5V tolerant, higher lcc	SN74LVC1G02DCKR	Slightly slower, lower lcc	S	SC70/EIAJSC88	5
PI74ST1G02TX	Pericom Semiconductor	Not 5V tolerant, higher lcc	SN74LVC1G02DBVR	Slightly slower, lower lcc	S	SOT-23	5
PI74ST1G04CX	Pericom Semiconductor	Not 5V tolerant, higher lcc	SN74LVC1G04DCKR	Slightly slower, lower lcc	S	SC70/EIAJSC88	5
PI74ST1G04TX	Pericom Semiconductor	Not 5V tolerant, higher lcc	SN74LVC1G04DBVR	Slightly slower, lower lcc	S	SOT-23	5
PI74ST1G08CX	Pericom Semiconductor	Not 5V tolerant, higher lcc	SN74LVC1G08DCKR	Slightly slower, lower lcc	S	SC70/EIAJSC88	5
PI74ST1G08TX	Pericom Semiconductor	Not 5V tolerant, higher lcc	SN74LVC1G08DBVR	Slightly slower, lower lcc	S	SOT-23	5
PI74ST1G125CX	Pericom Semiconductor	Not 5V tolerant, higher lcc	SN74LVC1G125DCKR	Slightly slower, lower lcc	S	SC70/EIAJSC88	5
PI74ST1G125TX	Pericom Semiconductor	Not 5V tolerant, higher lcc	SN74LVC1G125DBVR	Slightly slower, lower lcc	S	SOT-23	5
PI74ST1G126C	Pericom Semiconductor	tpd differs	SN74LVC1G126DCKR		S	SC70	5
PI74ST1G126CX	Pericom Semiconductor	Not 5V tolerant, higher lcc	SN74LVC1G126DCKR	Slightly slower, lower lcc	S	SC70/EIAJSC88	5
PI74ST1G126TX	Pericom Semiconductor	Not 5V tolerant, higher lcc	SN74LVC1G126DBVR	Slightly slower, lower lcc	S	SOT-23	5
PI74ST1G126TX	Pericom Semiconductor	tpd differs	SN74LVC1G126DCKR		S	SOT-23	5
PI74ST1G32CX	Pericom Semiconductor	Not 5V tolerant, higher lcc	SN74LVC1G32DCKR	Slightly slower, lower lcc	S	SC70/EIAJSC88	5
PI74ST1G32TX	Pericom Semiconductor	Not 5V tolerant, higher lcc	SN74LVC1G32DBVR	Slightly slower, lower lcc	S	SOT-23	5
PI74ST1G79CX	Pericom Semiconductor	Not 5V tolerant, higher lcc	SN74LVC1G79DCKR	Slightly slower, lower lcc	S	SC70/EIAJSC88	5
PI74ST1G79TX	Pericom Semiconductor	Not 5V tolerant, higher lcc	SN74LVC1G79DBVR	Slightly slower, lower lcc	S	SOT-23	5
PI74ST1G86CX	Pericom Semiconductor	Not 5V tolerant, higher lcc	SN74LVC1G86DCKR	Slightly slower, lower lcc	S	SC70/EIAJSC88	5
PI74ST1G86TX	Pericom Semiconductor	Not 5V tolerant, higher lcc	SN74LVC1G86DBVR	Slightly slower, lower lcc	S	SOT-23	5
PI74STX1G00CX	Pericom Semiconductor	Higher lcc	SN74LVC1G00DCKR	Lower lcc	S	SC70/EIAJSC88	5
PI74STX1G00TX	Pericom Semiconductor	Higher lcc	SN74LVC1G00DBVR	Lower lcc	S	SOT-23	5
PI74STX1G02CX	Pericom Semiconductor	Higher lcc	SN74LVC1G02DCKR	Lower lcc	S	SC70/EIAJSC88	5
PI74STX1G02TX	Pericom Semiconductor	Higher lcc	SN74LVC1G02DBVR	Lower lcc	S	SOT-23	5
PI74STX1G04CX	Pericom Semiconductor	Higher lcc	SN74LVC1G04DCKR	Lower lcc	S	SC70/EIAJSC88	5
PI74STX1G04TX	Pericom Semiconductor	Higher lcc	SN74LVC1G04DBVR	Lower lcc	S	SOT-23	5
PI74STX1G08CX	Pericom Semiconductor	Higher lcc	SN74LVC1G08DCKR	Lower lcc	S	SC70/EIAJSC88	5
PI74STX1G08TX	Pericom Semiconductor	Higher lcc	SN74LVC1G08DBVR	Lower lcc	S	SOT-23	5
PI74STX1G125CX	Pericom Semiconductor	Higher lcc	SN74LVC1G125DCKR	Lower lcc	S	SC70/EIAJSC88	5
PI74STX1G125TX	Pericom Semiconductor	Higher lcc	SN74LVC1G125DBVR	Lower lcc	S	SOT-23	5
PI74STX1G126C	Pericom Semiconductor	tpd differs	SN74LVC1G126DCKR		S	SC70	5
PI74STX1G126CX	Pericom Semiconductor	Higher lcc	SN74LVC1G126DCKR	Lower lcc	S	SC70/EIAJSC88	5
PI74STX1G126TX	Pericom Semiconductor	Higher lcc	SN74LVC1G126DBVR	Lower lcc	S	SOT-23	5
PI74STX1G126TX	Pericom Semiconductor	tpd differs	SN74LVC1G126DCKR		S	SOT-23	5
PI74STX1G14CX	Pericom Semiconductor		SN74LVC1G14DCKR		S	SC70/EIAJSC88	5
PI74STX1G14TX	Pericom Semiconductor		SN74LVC1G14DBVR		S	SOT-23	5
PI74STX1G32CX	Pericom Semiconductor	Higher lcc	SN74LVC1G32DCKR	Lower lcc	S	SC70/EIAJSC88	5
PI74STX1G32TX	Pericom Semiconductor	Higher lcc	SN74LVC1G32DBVR	Lower lcc	S	SOT-23	5
PI74STX1G79CX	Pericom Semiconductor	Higher lcc	SN74LVC1G79DCKR	Lower lcc	S	SC70/EIAJSC88	5
PI74STX1G79TX	Pericom Semiconductor	Higher lcc	SN74LVC1G79DBVR	Lower lcc	S	SOT-23	5
PI74STX1G86CX	Pericom Semiconductor	Higher lcc	SN74LVC1G86DCKR	Lower lcc	S	SC70/EIAJSC88	5
PI74STX1G86TX	Pericom Semiconductor	Higher lcc	SN74LVC1G86DBVR	Lower lcc	S	SOT-23	5
PI74STX1GU04CX	Pericom Semiconductor	Higher lcc	SN74LVC1GU04DCKR	Lower lcc	S	SC70/EIAJSC88	5
PI74STX2G08DEX	Pericom Semiconductor	Pb-Free	SN74LVC2G08DCUR		S	US8	8
PI74STX2G08DX	Pericom Semiconductor		SN74LVC2G08DCUR		S	US8	8
PQ1U501M2ZP	Sharp Corporation		LP2985-50DBVR		S	SOT-23	5
PQ1U501M2ZPH	Sharp Corporation	Pb-Free	LP2985-50DBVR		S	SOT-23	5
PQ1X251M2ZP	Sharp Corporation		LP2985-25DBVR		S	SOT-23	5
PQ1X281M2ZP	Sharp Corporation		LP2985-28DBVR		S	SOT-23	5
PQ1X301M2ZP	Sharp Corporation		LP2985-30DBVR		S	SOT-23	5
PQ1X331M2ZP	Sharp Corporation		LP2985-33DBVR		S	SOT-23	5

PI74LCX245S — PQ1X331M2ZP

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
PQ1X501M2ZP	Sharp Corporation		LP2985-50DBVR		S	SOT-23	5
QS3125Q	Integrated Device Technology (IDT)		SN74CBT3125DBQR		S	SSOP/QSOP	16
QS3125Q8	Integrated Device Technology (IDT)		SN74CBT3125DBQR		S	SSOP/QSOP	16
QS3125S1	Integrated Device Technology (IDT)		SN74CBT3125D		S	SOIC	14
QS3125S18	Integrated Device Technology (IDT)		SN74CBT3125DR		S	SOIC	14
QS3126Q	Integrated Device Technology (IDT)		SN74CBT3126DBQR		S	SSOP/QSOP	16
QS3126Q8	Integrated Device Technology (IDT)		SN74CBT3126DBQR		S	SSOP/QSOP	16
QS3126S1	Integrated Device Technology (IDT)		SN74CBT3126D		S	SOIC	14
QS3126S18	Integrated Device Technology (IDT)		SN74CBT3126DR		S	SOIC	14
QS316209PA	Integrated Device Technology (IDT)	Discontinued PDN Logic 01-03, 01/28/2001	SN74CBT16209ADGGR		S	TSSOP	48
QS316209PA8	Integrated Device Technology (IDT)	Discontinued PDN Logic 01-03, 01/28/2001	SN74CBT16209ADGGR		S	TSSOP	48
QS316209PV	Integrated Device Technology (IDT)	Discontinued PDN Logic 01-03, 01/28/2001	SN74CBT16209ADL		S	SSOP	48
QS316209PV8	Integrated Device Technology (IDT)	Discontinued PDN Logic 01-03, 01/28/2001	SN74CBT16209ADLR		S	SSOP	48
QS316211PA	Integrated Device Technology (IDT)		SN74CBT16211ADGGR		S	TSSOP	56
QS316211PA8	Integrated Device Technology (IDT)		SN74CBT16211ADGGR		S	TSSOP	56
QS316211PV	Integrated Device Technology (IDT)		SN74CBT16211ADL		S	SSOP	56
QS316211PV8	Integrated Device Technology (IDT)		SN74CBT16211ADLR		S	SSOP	56
QS316212PA	Integrated Device Technology (IDT)		SN74CBT16212ADGGR		S	TSSOP	56
QS316212PA8	Integrated Device Technology (IDT)		SN74CBT16212ADGGR		S	TSSOP	56
QS316212PV	Integrated Device Technology (IDT)		SN74CBT16212ADL		S	SSOP	56
QS316212PV8	Integrated Device Technology (IDT)		SN74CBT16212ADLR		S	SSOP	56
QS316213PA	Integrated Device Technology (IDT)		SN74CBT16213DGGR		S	TSSOP	56
QS316213PV	Integrated Device Technology (IDT)		SN74CBT16212ADL		S	SSOP	56
QS316214PA	Integrated Device Technology (IDT)	Discontinued PDN L-02-03, 10/28/2002	SN74CBT16214CDGGR		S	TSSOP	56
QS316214PA8	Integrated Device Technology (IDT)	Discontinued PDN L-02-03, 10/28/2002	SN74CBT16214CDGGR		S	TSSOP	56
QS316214PV	Integrated Device Technology (IDT)	Discontinued PDN L-02-03, 10/28/2002	SN74CBT16214CDL		S	SSOP	56
QS316214PV8	Integrated Device Technology (IDT)	Discontinued PDN L-02-03, 10/28/2002	SN74CBT16214CDLR		S	SSOP	56
QS316233PA	Integrated Device Technology (IDT)		SN74CBT16233DGGR		S	TSSOP	56
QS316233PV	Integrated Device Technology (IDT)		SN74CBT16233DL		S	SSOP	56
QS316292PA	Integrated Device Technology (IDT)	Discontinued PDN Logic 01-03, 01/28/2001	SN74CBT16292DGGR		S	TSSOP	56
QS316292PA8	Integrated Device Technology (IDT)	Discontinued PDN Logic 01-03, 01/28/2001	SN74CBT16292DGGR		S	TSSOP	56
QS316292PV	Integrated Device Technology (IDT)	Discontinued PDN Logic 01-03, 01/28/2001	SN74CBT16292DL		S	SSOP	56
QS316292PV8	Integrated Device Technology (IDT)	Discontinued PDN Logic 01-03, 01/28/2001	SN74CBT16292DLR		S	SSOP	56
QS3244PA	Integrated Device Technology (IDT)		SN74CBT3244PW		S	TSSOP	20
QS3244PA8	Integrated Device Technology (IDT)		SN74CBT3244PWR		S	TSSOP	20
QS3244Q	Integrated Device Technology (IDT)		SN74CBT3244DBQR		S	SSOP/QSOP	20
QS3244Q8	Integrated Device Technology (IDT)		SN74CBT3244DBQR		S	SSOP/QSOP	20
QS3244SO	Integrated Device Technology (IDT)		SN74CBT3244DW		S	SOIC	20
QS3244SO8	Integrated Device Technology (IDT)		SN74CBT3244DWR		S	SOIC	20
QS3245PA	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3245APW		S	TSSOP	20
QS3245PA8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3245APWR		S	TSSOP	20
QS3245Q	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3245ADBQR		S	SSOP/QSOP	20
QS3245Q8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3245ADBQR		S	SSOP/QSOP	20
QS3245SO	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3245ADW		S	SOIC	20
QS3245SO8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3245ADWR		S	SOIC	20
QS3251Q	Integrated Device Technology (IDT)		SN74CBT3251DBQR		S	SSOP/QSOP	16
QS3251Q8	Integrated Device Technology (IDT)		SN74CBT3251DBQR		S	SSOP/QSOP	16
QS3251S1	Integrated Device Technology (IDT)		SN74CBT3251D		S	SOIC	16
QS3251S18	Integrated Device Technology (IDT)		SN74CBT3251DR		S	SOIC	16
QS3253Q	Integrated Device Technology (IDT)		SN74CBT3253CDBQR		S	SSOP/QSOP	16
QS3253Q8	Integrated Device Technology (IDT)		SN74CBT3253CDBQR		S	SSOP/QSOP	16
QS3253S1	Integrated Device Technology (IDT)		SN74CBT3253CD		S	SOIC	16
QS3253S18	Integrated Device Technology (IDT)		SN74CBT3253CDR		S	SOIC	16
QS3257Q	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3257CDBQR		S	SSOP/QSOP	16
QS3257Q8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3257CDBQR		S	SSOP/QSOP	16
QS3257S1	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3257CD		S	SOIC	16
QS3257S18	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3257CDR		S	SOIC	16
QS3306APA	Integrated Device Technology (IDT)		SN74CBT3306PW		S	TSSOP	8
QS3306AS1	Integrated Device Technology (IDT)		SN74CBT3306D		S	SOIC	8
QS3306AS18	Integrated Device Technology (IDT)		SN74CBT3306DR		S	SOIC	8
QS3383Q	Integrated Device Technology (IDT)		SN74CBT3383DBQR		S	SSOP/QSOP	24
QS3383Q8	Integrated Device Technology (IDT)		SN74CBT3383DBQR		S	SSOP/QSOP	24
QS3383SO	Integrated Device Technology (IDT)		SN74CBT3383DW		S	SOIC	24
QS3383SO8	Integrated Device Technology (IDT)		SN74CBT3383DWR		S	SOIC	24

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
QS3384PA	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3384APW		S	TSSOP	24
QS3384PA8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3384APWR		S	TSSOP	24
QS3384Q	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3384ADBQR		S	SSOP/QSOP	24
QS3384Q8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3384ADBQR		S	SSOP/QSOP	24
QS3384SO	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3384ADW		S	SOIC	24
QS3384SO8	Integrated Device Technology (IDT)	Discontinued PDN Logic-00-10, 07/21/2000	SN74CBT3384ADWR		S	SOIC	24
QS3800PA	Integrated Device Technology (IDT)		SN74CBT6800APWR		S	TSSOP	24
QS3800Q	Integrated Device Technology (IDT)		SN74CBT6800ADBQR		S	SSOP/QSOP	24
QS3800Q8	Integrated Device Technology (IDT)		SN74CBT6800ADBQR		S	SSOP/QSOP	24
QS3800SO	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74CBT6800ADW		S	SOIC	24
QS3800SO8	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74CBT6800ADW		S	SOIC	24
QS3861PA	Integrated Device Technology (IDT)		SN74CBT3861PWR		S	TSSOP	24
QS3861PA8	Integrated Device Technology (IDT)		SN74CBT3861PWR		S	TSSOP	24
QS3861Q	Integrated Device Technology (IDT)		SN74CBT3861DBQR		S	SSOP/QSOP	24
QS3861Q8	Integrated Device Technology (IDT)		SN74CBT3861DBQR		S	SSOP/QSOP	24
QS3861QX	Integrated Device Technology (IDT)		SN74CBT3861DBQR		S	SSOP/QSOP	24
QS3861SO	Integrated Device Technology (IDT)		SN74CBT3861DW		S	SOIC	24
QS3861SO8	Integrated Device Technology (IDT)		SN74CBT3861DWR		S	SOIC	24
QS3L383Q	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CBT3383CDBQR		S	SSOP/QSOP	24
QS3L383Q8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CBT3383CDBQR		S	SSOP/QSOP	24
QS3L383SO	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74CBT3383CDW		S	SOIC	24
QS3L383SO8	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	SN74CBT3383CDWR		S	SOIC	24
QS3L384PA	Integrated Device Technology (IDT)		SN74CBT3384APW		S	TSSOP	24
QS3L384PA8	Integrated Device Technology (IDT)		SN74CBT3384APWR		S	TSSOP	24
QS3L384Q	Integrated Device Technology (IDT)		SN74CBT3384ADBQR		S	SSOP/QSOP	24
QS3L384Q8	Integrated Device Technology (IDT)		SN74CBT3384ADBQR		S	SSOP/QSOP	24
QS3L384QG	Integrated Device Technology (IDT)	Green	SN74CBT3384ADBQR		S	SSOP/QSOP	24
QS3L384QG8	Integrated Device Technology (IDT)	Green	SN74CBT3384ADBQR		S	SSOP/QSOP	24
QS3L384SO	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74CBT3384ADW		S	SOIC	24
QS3L384SO8	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74CBT3384ADWR		S	SOIC	24
QS3VH125PA	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74CB3Q3125PWR		S	TSSOP	14
QS3VH125PA8	Integrated Device Technology (IDT)	Discontinued PDN L-05-01, 01/31/2005	SN74CB3Q3125PWR		S	TSSOP	14
QS3VH125Q	Integrated Device Technology (IDT)		SN74CB3Q3125DBQR		S	SSOP/QSOP	16
QS3VH125Q8	Integrated Device Technology (IDT)		SN74CB3Q3125DBQR		S	SSOP/QSOP	16
QS3VH125QG	Integrated Device Technology (IDT)	Green	SN74CB3Q3125DBQR		S	SSOP/QSOP	16
QS3VH125QG8	Integrated Device Technology (IDT)	Green	SN74CB3Q3125DBQR		S	SSOP/QSOP	16
QS3VH16210PA	Integrated Device Technology (IDT)		SN74CB3Q16210DGGRR		S	TSSOP	48
QS3VH16210PA8	Integrated Device Technology (IDT)		SN74CB3Q16210DGGRR		S	TSSOP	48
QS3VH16210PAG	Integrated Device Technology (IDT)	Green	SN74CB3Q16210DGGRR		S	TSSOP	48
QS3VH16210PAG8	Integrated Device Technology (IDT)	Green	SN74CB3Q16210DGGRR		S	TSSOP	48
QS3VH16210PV	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CB3Q16210DL		S	SSOP	48
QS3VH16210PV8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CB3Q16210DLR		S	SSOP	48
QS3VH16210PVG	Integrated Device Technology (IDT)	Green	SN74CB3Q16210DL		S	SSOP	48
QS3VH16210PVG8	Integrated Device Technology (IDT)	Green	SN74CB3Q16210DLR		S	SSOP	48
QS3VH16211PA	Integrated Device Technology (IDT)		SN74CB3Q16211DGGRR		S	TSSOP	56
QS3VH16211PA8	Integrated Device Technology (IDT)		SN74CB3Q16211DGGRR		S	TSSOP	56
QS3VH16211PAG	Integrated Device Technology (IDT)	Green	SN74CB3Q16211DGGRR		S	TSSOP	56
QS3VH16211PAG8	Integrated Device Technology (IDT)	Green	SN74CB3Q16211DGGRR		S	TSSOP	56
QS3VH16211PV	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CB3Q16211DL		S	SSOP	56
QS3VH16211PV8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CB3Q16211DLR		S	SSOP	56
QS3VH16244PA	Integrated Device Technology (IDT)		SN74CB3Q16244DGGRR		S	TSSOP	48
QS3VH16244PA8	Integrated Device Technology (IDT)		SN74CB3Q16244DGGRR		S	TSSOP	48
QS3VH16244PAG	Integrated Device Technology (IDT)	Green	SN74CB3Q16244DGGRR		S	TSSOP	48
QS3VH16244PAG8	Integrated Device Technology (IDT)	Green	SN74CB3Q16244DGGRR		S	TSSOP	48
QS3VH16244PV	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CB3Q16244DL		S	SSOP	48
QS3VH16244PV8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CB3Q16244DLR		S	SSOP	48
QS3VH16245PA	Integrated Device Technology (IDT)		SN74CB3Q16245DGGRR		S	TSSOP	48
QS3VH16245PA8	Integrated Device Technology (IDT)		SN74CB3Q16245DGGRR		S	TSSOP	48
QS3VH16245PAG	Integrated Device Technology (IDT)		SN74CB3Q16245DGGRR		S	TSSOP	48
QS3VH16245PAG8	Integrated Device Technology (IDT)		SN74CB3Q16245DGGRR		S	TSSOP	48
QS3VH16245PV	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CB3Q16245DL		S	SSOP	48
QS3VH16245PV8	Integrated Device Technology (IDT)	Discontinued PDN L-05-04, 05/02/2005	SN74CB3Q16245DLR		S	SSOP	48
QS3VH244PA	Integrated Device Technology (IDT)		SN74CB3Q3244PWR		S	TSSOP	20
QS3VH244PA8	Integrated Device Technology (IDT)		SN74CB3Q3244PWR		S	TSSOP	20

QS3384PA — QS3VH244PA8

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
QS3VH244PAG	Integrated Device Technology (IDT)	Green	SN74CB3Q3244PW		S	TSSOP	20
QS3VH244PAG8	Integrated Device Technology (IDT)	Green	SN74CB3Q3244PWR		S	TSSOP	20
QS3VH244Q	Integrated Device Technology (IDT)		SN74CB3Q3244DBQR		S	SSOP/QSOP	20
QS3VH244Q8	Integrated Device Technology (IDT)		SN74CB3Q3244DBQR		S	SSOP/QSOP	20
QS3VH244QG	Integrated Device Technology (IDT)	Green	SN74CB3Q3244DBQR		S	SSOP/QSOP	20
QS3VH244QG8	Integrated Device Technology (IDT)	Green	SN74CB3Q3244DBQR		S	SSOP/QSOP	20
QS3VH245PA	Integrated Device Technology (IDT)		SN74CB3Q3245PW		S	TSSOP	20
QS3VH245PA8	Integrated Device Technology (IDT)		SN74CB3Q3245PWR		S	TSSOP	20
QS3VH245PAG	Integrated Device Technology (IDT)	Green	SN74CB3Q3245PW		S	TSSOP	20
QS3VH245PAG8	Integrated Device Technology (IDT)	Green	SN74CB3Q3245PWR		S	TSSOP	20
QS3VH245Q	Integrated Device Technology (IDT)		SN74CB3Q3245DBQR		S	SSOP/QSOP	20
QS3VH245Q8	Integrated Device Technology (IDT)		SN74CB3Q3245DBQR		S	SSOP/QSOP	20
QS3VH251PA	Integrated Device Technology (IDT)		SN74CB3Q3251PW		S	TSSOP	16
QS3VH251PA8	Integrated Device Technology (IDT)		SN74CB3Q3251PWR		S	TSSOP	16
QS3VH251Q	Integrated Device Technology (IDT)		SN74CB3Q3251DBQR		S	SSOP/QSOP	16
QS3VH251Q8	Integrated Device Technology (IDT)		SN74CB3Q3251DBQR		S	SSOP/QSOP	16
QS3VH251QG	Integrated Device Technology (IDT)	Green	SN74CB3Q3251DBQR		S	SSOP/QSOP	16
QS3VH251QG8	Integrated Device Technology (IDT)	Green	SN74CB3Q3251DBQR		S	SSOP/QSOP	16
QS3VH253PA	Integrated Device Technology (IDT)		SN74CB3Q3253PW		S	TSSOP	16
QS3VH253PA8	Integrated Device Technology (IDT)		SN74CB3Q3253PWR		S	TSSOP	16
QS3VH253PAG	Integrated Device Technology (IDT)	Green	SN74CB3Q3253PW		S	TSSOP	16
QS3VH253PAG8	Integrated Device Technology (IDT)	Green	SN74CB3Q3253PWR		S	TSSOP	16
QS3VH253Q	Integrated Device Technology (IDT)		SN74CB3Q3253DBQR		S	SSOP/QSOP	16
QS3VH253Q8	Integrated Device Technology (IDT)		SN74CB3Q3253DBQR		S	SSOP/QSOP	16
QS3VH253QG	Integrated Device Technology (IDT)	Green	SN74CB3Q3253DBQR		S	SSOP/QSOP	16
QS3VH253QG8	Integrated Device Technology (IDT)	Green	SN74CB3Q3253DBQR		S	SSOP/QSOP	16
QS3VH257PA	Integrated Device Technology (IDT)		SN74CB3Q3257PW		S	TSSOP	16
QS3VH257PA8	Integrated Device Technology (IDT)		SN74CB3Q3257PWR		S	TSSOP	16
QS3VH257Q	Integrated Device Technology (IDT)		SN74CB3Q3257DBQR		S	SSOP/QSOP	16
QS3VH257Q8	Integrated Device Technology (IDT)		SN74CB3Q3257DBQR		S	SSOP/QSOP	16
QS3VH257QG	Integrated Device Technology (IDT)	Green	SN74CB3Q3257DBQR		S	SSOP/QSOP	16
QS3VH257QG8	Integrated Device Technology (IDT)	Green	SN74CB3Q3257DBQR		S	SSOP/QSOP	16
QS3VH384PA	Integrated Device Technology (IDT)		SN74CB3Q3384APW		S	TSSOP	24
QS3VH384PA8	Integrated Device Technology (IDT)		SN74CB3Q3384APWR		S	TSSOP	24
QS3VH384PAG	Integrated Device Technology (IDT)	Green	SN74CB3Q3384APW		S	TSSOP	24
QS3VH384PAG8	Integrated Device Technology (IDT)	Green	SN74CB3Q3384APWR		S	TSSOP	24
QS3VH384Q	Integrated Device Technology (IDT)		SN74CB3Q3384ADBQR		S	SSOP/QSOP	24
QS3VH384Q8	Integrated Device Technology (IDT)		SN74CB3Q3384ADBQR		S	SSOP/QSOP	24
QS3VH800PA	Integrated Device Technology (IDT)		SN74CB3Q6800PW		S	TSSOP	24
QS3VH800PA8	Integrated Device Technology (IDT)		SN74CB3Q6800PWR		S	TSSOP	24
QS3VH800PAG	Integrated Device Technology (IDT)	Green	SN74CB3Q6800PW		S	TSSOP	24
QS3VH800PAG8	Integrated Device Technology (IDT)	Green	SN74CB3Q6800PWR		S	TSSOP	24
QS3VH800Q	Integrated Device Technology (IDT)		SN74CB3Q6800DBQR		S	SSOP/QSOP	24
QS3VH800Q8	Integrated Device Technology (IDT)		SN74CB3Q6800DBQR		S	SSOP/QSOP	24
QS74FCT2574ATSO	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	CY74FCT2574ATSOC		S	SOIC	20
QS74FCT2574ATSO8	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	CY74FCT2574ATSOC		S	SOIC	20
QS74FCT2574CTSO	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	CY74FCT2574CTSOC		S	SOIC	20
QS74FCT2574CTSO8	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	CY74FCT2574CTSOC		S	SOIC	20
QS74FCT2574TISO	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	CY74FCT2574TISOC		S	SOIC	20
QS74FCT2574TISO8	Integrated Device Technology (IDT)	Discontinued PDN L-03-04, 07/28/2003	CY74FCT2574TISOC		S	SOIC	20
RD74LVC00BFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC00ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	14
RD74LVC00BTLL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC00APWR	Recommended Vcc to 3.6V	Q	TSSOP	14
RD74LVC02BFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC02ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	14
RD74LVC02BTLL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC02APWR	Recommended Vcc to 3.6V	Q	TSSOP	14
RD74LVC04BFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC04ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	14
RD74LVC04BTLL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC04APWR	Recommended Vcc to 3.6V	Q	TSSOP	14
RD74LVC08BFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC08ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	14
RD74LVC08BTLL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC08APWR	Recommended Vcc to 3.6V	Q	TSSOP	14
RD74LVC125BFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC125ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	14
RD74LVC125BTLL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC125APWR	Recommended Vcc to 3.6V	Q	TSSOP	14
RD74LVC126BFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC126ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	14
RD74LVC126BTLL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC126APWR	Recommended Vcc to 3.6V	Q	TSSOP	14
RD74LVC138BFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC138ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	16
RD74LVC138BTLL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC138APWR	Recommended Vcc to 3.6V	Q	TSSOP	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
RD74LVC139BFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC139ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	16
RD74LVC139BTCELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC139APWR	Recommended Vcc to 3.6V	Q	TSSOP	16
RD74LVC14BFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC14ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	14
RD74LVC14BTCELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC14APWR	Recommended Vcc to 3.6V	Q	TSSOP	14
RD74LVC16240BTCELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVCH16240ADGGR	Recommended Vcc to 3.6V, bus-hold	Q	TSSOP	48
RD74LVC16244BTCELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC16244ADGGR	Recommended Vcc to 3.6V	Q	TSSOP	48
RD74LVC16245BTCELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC16245ADGGR	Recommended Vcc to 3.6V	Q	TSSOP	48
RD74LVC16373BTCELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC16373ADGGR	Recommended Vcc to 3.6V	Q	TSSOP	48
RD74LVC16374BTCELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC16374ADGGR	Recommended Vcc to 3.6V	Q	TSSOP	48
RD74LVC240BFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC240ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	20
RD74LVC240BTCELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC240APWR	Recommended Vcc to 3.6V	Q	TSSOP	20
RD74LVC244BFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC244ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	20
RD74LVC244BTCELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC244APWR	Recommended Vcc to 3.6V	Q	TSSOP	20
RD74LVC245BFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC245ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	20
RD74LVC245BTCELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC245APWR	Recommended Vcc to 3.6V	Q	TSSOP	20
RD74LVC32BFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC32ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	14
RD74LVC32BTCELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC32APWR	Recommended Vcc to 3.6V	Q	TSSOP	14
RD74LVC373BFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC373ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	20
RD74LVC373BTCELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC373APWR	Recommended Vcc to 3.6V	Q	TSSOP	20
RD74LVC374BFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC374ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	20
RD74LVC374BTCELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC374APWR	Recommended Vcc to 3.6V	Q	TSSOP	20
RD74LVC540BFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC540ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	20
RD74LVC540BTCELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC540APWR	Recommended Vcc to 3.6V	Q	TSSOP	20
RD74LVC541BFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC541ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	20
RD74LVC541BTCELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC541APWR	Recommended Vcc to 3.6V	Q	TSSOP	20
RD74LVC573BFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC573ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	20
RD74LVC573BTCELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC573APWR	Recommended Vcc to 3.6V	Q	TSSOP	20
RD74LVC574BFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC574ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	20
RD74LVC574BTCELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC574APWR	Recommended Vcc to 3.6V	Q	TSSOP	20
RD74LVC74BFPEL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC74ANSR	Recommended Vcc to 3.6V	Q	SOP-EIAJ-II	14
RD74LVC74BTCELL	Renesas Technology Corp.	Vcc to 5.5V	SN74LVC74APWR	Recommended Vcc to 3.6V	Q	TSSOP	14
SA532D	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM258D		S	SOIC	8
SA532D-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM258DR		S	SOIC	8
SA532N	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM258P		S	PDIP	8
SA534D	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM224D		S	SOIC	14
SA534D-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM224DR		S	SOIC	14
SA534N	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	LM224N		S	PDIP	14
SA5532N	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	SA5532P		S	PDIP	8
SA5534AD	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	SA5534AD		S	SOIC	8
SA5534AD-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	SA5534ADR		S	SOIC	8
SA5534AN	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	SA5534AP		S	PDIP	8
SA5534D	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	SA5534D		S	SOIC	8
SA5534D-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	SA5534DR		S	SOIC	8
SA5534N	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	SA5534P		S	PDIP	8
SA555D	ST Microelectronics (STM)		NA555D		S	SOIC	8
SA555D	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	SA555D		S	SOIC	8
SA555D	Fairchild Semiconductor		SA555D		S	SOIC	8
SA555DT	ST Microelectronics (STM)		NA555DR		S	SOIC	8
SA555D-T	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	SA555DR		S	SOIC	8
SA555DX	Fairchild Semiconductor		SA555DR		S	SOIC	8
SA555N	ST Microelectronics (STM)		NA555P		S	PDIP	8
SA555N	NXP Semiconductor	Discontinued DN-51A, 02/20/2004	SA555P		S	PDIP	8
SA556N	NXP Semiconductor	Discontinued DN-51A Addendum, 03/12/2004	SA556N		S	PDIP	14
SC2842AN	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL2842BP		S	PDIP	8
SC2842ANG	On Semiconductor		TL2842BP		S	PDIP	8
SC431CS-.5TR	Semtech Corporation	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL431BIDR		S	SOIC	8
SC431CS-1.TR	Semtech Corporation		TL431AIDR		S	SOIC	8
SC431CS-2.TR	Semtech Corporation		TL431IDR		S	SOIC	8
SC431CSK-.5TR	Semtech Corporation	VKA differs	TL432BIDBZR		S	SOT-23	3
SC431CSK-.5TRT	Semtech Corporation		TL431BIDBVR		S		
SC431CSK-.5TRT	Semtech Corporation	VKA differs	TL432BIDBZR		S	SOT-23	3
SC431CSK-1.TR	Semtech Corporation	VKA differs	TL432AIDBZR		S	SOT-23	3
SC431CSK-1.TR	Semtech Corporation	VKA differs	TL432AIDBZR		S	SOT-23	3
SC431CSK-2.TR	Semtech Corporation		TL431IDBVR	Must-have	S		

RD74LVC139BFPEL — SC431CSK-2.TR

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
SC431CSK-2.TR	Semtech Corporation	VKA differs	TL432IDBZR		S	SOT-23	3
SC431CSK-2.TRT	Semtech Corporation		TL431IDBVR		S		
SC431CSK-2.TRT	Semtech Corporation	VKA differs	TL432IDBZR		S	SOT-23	3
SC431CSKQTR	Semtech Corporation	0.5%	TL432BQDBZR		S	SOT-23	3
SC431CSKQTRT	Semtech Corporation	0.5%, Pb-Free	TL432BQDBZR		S	SOT-23	3
SC431CSQTR	Semtech Corporation	0.5%	TL431BQDR		S	SOIC	8
SC431LC5SK-5TR	Semtech Corporation		TLV431BCDBVR		S	SOT-23	5
SC431LC5SK-5TRT	Semtech Corporation	Pb-Free	TLV431BCDBVR		S	SOT-23	5
SC431LC5SK-1TR	Semtech Corporation		TLV431ACDBVR		S	SOT-23	5
SC431LC5SK-1TRT	Semtech Corporation	Pb-Free	TLV431ACDBVR		S	SOT-23	5
SC431LC5SK-2TR	Semtech Corporation		TLV431CDBVR		S	SOT-23	5
SC431LC5SK-2TRT	Semtech Corporation	Pb-Free	TLV431CDBVR		S	SOT-23	5
SC431LCSK-5TR	Semtech Corporation		TL432BCDBVR		S		
SC431LCSK-5TR	Semtech Corporation		TLVH432BCDBZR		S	SOT-23	3
SC431LCSK-5TRT	Semtech Corporation		TL432BCDBVR		S		
SC431LCSK-5TRT	Semtech Corporation		TLVH432BCDBZR		S	SOT-23	3
SC431LCSK-2TR	Semtech Corporation	VREF differs	TLVH432CDBZR		S	SOT-23	3
SC431LCSK-2TRT	Semtech Corporation	VREF differs	TLVH432CDBZR		S	SOT-23	3
SC431LI5SK-5TR	Semtech Corporation		TLV431BIDBVR		S	SOT-23	5
SC431LI5SK-5TRT	Semtech Corporation	Pb-Free	TLV431BIDBVR		S	SOT-23	5
SC431LI5SK-1TR	Semtech Corporation		TLV431AIDBVR		S	SOT-23	5
SC431LI5SK-1TRT	Semtech Corporation	Pb-Free	TLV431AIDBVR		S	SOT-23	5
SC431LI5SK-2TR	Semtech Corporation		TLV431IDBVR		S	SOT-23	5
SC431LI5SK-2TRT	Semtech Corporation	Pb-Free	TLV431IDBVR		S	SOT-23	5
SC431LISK-5TR	Semtech Corporation		TLVH432BIDBZR		S	SOT-23	3
SC431LISK-5TRT	Semtech Corporation		TL432BIDBVR		S		
SC431LISK-5TRT	Semtech Corporation		TLVH432BIDBZR		S	SOT-23	3
SC431LISK-2TR	Semtech Corporation	VREF differs	TLVH432IDBZR		S	SOT-23	3
SC431LISK-2TRT	Semtech Corporation	VREF differs	TLVH432IDBZR		S	SOT-23	3
SN54LS02J	On Semiconductor		SN74LS02N	PDIP not CDIP	S	CDIP	14
SN54LS158J	On Semiconductor		SN74LS158N	PDIP not CDIP	S	CDIP	16
SN54LS191J	On Semiconductor		SN74LS191N	PDIP not CDIP	S	CDIP	16
SN54LS293J	On Semiconductor		SN74LS93N	PDIP not CDIP	S	CDIP	14
SN54LS30J	On Semiconductor		SN74LS30N	PDIP not CDIP	S	CDIP	14
SN54LS399J	On Semiconductor		SN74LS298N	PDIP not CDIP	S	CDIP	16
SN54LS73AJ	On Semiconductor		SN74LS73ANE4	PDIP not CDIP	S	CDIP	14
SN74LS00D	On Semiconductor	Discontinued 05/31/2002	SN74LS00D		S	SOIC	14
SN74LS00DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS00DR		S	SOIC	14
SN74LS00M	On Semiconductor	Discontinued 05/31/2002	SN74LS00DBR		S	SOP-EIAJ-II	14
SN74LS00MEL	On Semiconductor	Discontinued 05/31/2002	SN74LS00DBR		S	SSOP	14
SN74LS00N	On Semiconductor	Discontinued 05/31/2002	SN74LS00N		S	PDIP	14
SN74LS02D	Motorola (MOT)	Discontinued	SN74LS02D		S	SOIC	14
SN74LS02D	On Semiconductor	Discontinued 05/31/2002	SN74LS02D		S	SOIC	14
SN74LS02D	On Semiconductor		SN74LS02DE4		S	SOIC	14
SN74LS02DR2	Motorola (MOT)	Discontinued	SN74LS02DR		S	SOIC	14
SN74LS02DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS02DR		S	SOIC	14
SN74LS02M	On Semiconductor	Discontinued 05/31/2002	SN74LS02NSR		S	SOP-EIAJ-II	14
SN74LS02N	Motorola (MOT)	Discontinued	SN74LS02N		S	PDIP	14
SN74LS02N	On Semiconductor	Discontinued 05/31/2002	SN74LS02N		S	PDIP	14
SN74LS03D	Motorola (MOT)	Discontinued	SN74LS03D		S	SOIC	14
SN74LS03D	On Semiconductor		SN74LS03D		S	SOIC	14
SN74LS03DR2	Motorola (MOT)	Discontinued	SN74LS03DR		S	SOIC	14
SN74LS03DR2	On Semiconductor		SN74LS03DR		S	SOIC	14
SN74LS03N	Motorola (MOT)	Discontinued	SN74LS03N		S	PDIP	14
SN74LS03N	On Semiconductor		SN74LS03N		S	PDIP	14
SN74LS04D	On Semiconductor		SN74LS04D		S	SOIC	14
SN74LS04DR2	On Semiconductor		SN74LS04DR		S	SOIC	14
SN74LS04M	On Semiconductor		SN74LS04D		S	SOEIAJ	14
SN74LS04M	On Semiconductor		SN74LS04NSR		S	SOEIAJ	14
SN74LS04MEL	On Semiconductor		SN74LS04NSR		S	SOEIAJ	14
SN74LS04N	On Semiconductor	Discontinued 05/31/2002	SN74LS04N		S	PDIP	14
SN74LS05D	On Semiconductor	Discontinued 05/31/2002	SN74LS05D		S	SOIC	14
SN74LS05DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS05DR		S	SOIC	14
SN74LS05M	On Semiconductor		SN74LS05D		S	SOEIAJ	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
SN74LS05M	On Semiconductor	Discontinued 05/31/2002	SN74LS05DBR		S	SOP-EIAJ-II	14
SN74LS05MEL	On Semiconductor	Discontinued 05/31/2002	SN74LS05DBR		S	SSOP	14
SN74LS05N	On Semiconductor	Discontinued 05/31/2002	SN74LS05N		S	PDIP	14
SN74LS08D	On Semiconductor	Discontinued 05/31/2002	SN74LS08D		S	SOIC	14
SN74LS08DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS08DR		S	SOIC	14
SN74LS08M	On Semiconductor	Discontinued 05/31/2002	SN74LS08DBR		S	SOP-EIAJ-II	14
SN74LS08MEL	On Semiconductor	Discontinued 05/31/2002	SN74LS08DBR		S	SSOP	14
SN74LS08MEL	On Semiconductor		SN74LS08NSR		S	SOP-EIAJ-II	14
SN74LS08N	On Semiconductor	Discontinued 05/31/2002	SN74LS08N		S	PDIP	14
SN74LS09D	Motorola (MOT)	Discontinued	SN74LS09D		S	SOIC	14
SN74LS09DR2	Motorola (MOT)	Discontinued	SN74LS09DR		S	SOIC	14
SN74LS09N	Motorola (MOT)	Discontinued	SN74LS09N		S	PDIP	14
SN74LS107AN	Motorola (MOT)	Discontinued	SN74LS107AN		S	PDIP	14
SN74LS109AD	On Semiconductor	Discontinued 05/31/2002	SN74LS109AD		S	SOIC	16
SN74LS109AD	On Semiconductor		SN74LS109ADE4		S	SOIC	16
SN74LS109ADR2	On Semiconductor	Discontinued 05/31/2002	SN74LS109ADR		S	SOIC	16
SN74LS109ADR2	On Semiconductor		SN74LS109ADRE4		S	SOIC	16
SN74LS109AM	On Semiconductor		SN74LS109ANSR		S	SOEIAJ	16
SN74LS109AN	On Semiconductor	Discontinued 05/31/2002	SN74LS109AN		S	PDIP	16
SN74LS10D	Motorola (MOT)	Discontinued	SN74LS10D		S	SOIC	14
SN74LS10D	On Semiconductor	Discontinued 05/31/2002	SN74LS10D		S	SOIC	14
SN74LS10DR2	Motorola (MOT)	Discontinued	SN74LS10DR		S	SOIC	14
SN74LS10DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS10DR		S	SOIC	14
SN74LS10M	On Semiconductor	Discontinued 05/31/2002	SN74LS10NSR		S	SOP-EIAJ-II	14
SN74LS10N	Motorola (MOT)	Discontinued	SN74LS10N		S	PDIP	14
SN74LS10N	On Semiconductor	Discontinued 05/31/2002	SN74LS10N		S	PDIP	14
SN74LS112AD	Motorola (MOT)	Discontinued	SN74LS112AD		S	SOIC	16
SN74LS112AD	On Semiconductor		SN74LS112AD		S	SOIC	16
SN74LS112AD	On Semiconductor		SN74LS112ADE4		S	SOIC	16
SN74LS112ADR2	Motorola (MOT)	Discontinued	SN74LS112ADR		S	SOIC	16
SN74LS112ADR2	On Semiconductor		SN74LS112ADR		S	SOIC	16
SN74LS112AN	Motorola (MOT)	Discontinued	SN74LS112AN		S	PDIP	16
SN74LS112AN	On Semiconductor		SN74LS112AN		S	PDIP	16
SN74LS11D	Motorola (MOT)	Discontinued	SN74LS11D		S	SOIC	14
SN74LS11DR2	Motorola (MOT)	Discontinued	SN74LS11DR		S	SOIC	14
SN74LS11N	Motorola (MOT)	Discontinued	SN74LS11N		S	PDIP	14
SN74LS122D	On Semiconductor	Discontinued 05/31/2002	SN74LS122D		S	SOIC	14
SN74LS122DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS122DR		S	SOIC	14
SN74LS122N	On Semiconductor	Discontinued 05/31/2002	SN74LS122N		S	PDIP	14
SN74LS123D	On Semiconductor	Discontinued 05/31/2002	SN74LS123D		S	SOIC	16
SN74LS123DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS123DR		S	SOIC	16
SN74LS123M	On Semiconductor	Discontinued 05/31/2002	SN74LS123NSR		S	SOP-EIAJ-II	16
SN74LS123MEL	On Semiconductor		SN74LS123NSR		S	SOEIAJ	16
SN74LS123N	On Semiconductor	Discontinued 05/31/2002	SN74LS123N		S	PDIP	16
SN74LS125AD	On Semiconductor	Discontinued 05/31/2002	SN74LS125AD		S	SOIC	14
SN74LS125ADR2	On Semiconductor	Discontinued 05/31/2002	SN74LS125ADR		S	SOIC	14
SN74LS125AM	On Semiconductor	Discontinued 05/31/2002	SN74LS125ADBR		S	SOP-EIAJ-II	14
SN74LS125AMEL	On Semiconductor	Discontinued 05/31/2002	SN74LS125ADBR		S	SSOP	14
SN74LS125AN	On Semiconductor	Discontinued 05/31/2002	SN74LS125AN		S	PDIP	14
SN74LS126AD	On Semiconductor	Discontinued 05/31/2002	SN74LS126AD		S	SOIC	14
SN74LS126ADR2	On Semiconductor	Discontinued 05/31/2002	SN74LS126ADR		S	SOIC	14
SN74LS126AM	On Semiconductor	Discontinued 05/31/2002	SN74LS126ANSR		S	SOP-EIAJ-II	14
SN74LS126AN	On Semiconductor	Discontinued 05/31/2002	SN74LS126AN		S	PDIP	14
SN74LS132D	On Semiconductor	Discontinued 05/31/2002	SN74LS132D		S	SOIC	14
SN74LS132DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS132DR		S	SOIC	14
SN74LS132M	On Semiconductor	Discontinued 05/31/2002	SN74LS132NSR		S	SOP-EIAJ-II	14
SN74LS132N	On Semiconductor	Discontinued 05/31/2002	SN74LS132N		S	PDIP	14
SN74LS136D	Motorola (MOT)	Discontinued	SN74LS136D		S	SOIC	14
SN74LS136DR2	Motorola (MOT)	Discontinued	SN74LS136DR		S	SOIC	14
SN74LS136N	Motorola (MOT)	Discontinued	SN74LS136N		S	PDIP	14
SN74LS136N	On Semiconductor		SN74LS136N		S	PDIP	14
SN74LS138D	On Semiconductor	Discontinued 05/31/2002	SN74LS138D		S	SOIC	16
SN74LS138DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS138DR		S	SOIC	16
SN74LS138M	On Semiconductor	Discontinued 05/31/2002	SN74LS138NSR		S	SOP-EIAJ-II	16

SN74LS05M — SN74LS138M

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
SN74LS138N	On Semiconductor	Discontinued 05/31/2002	SN74LS138N		S	PDIP	16
SN74LS139D	On Semiconductor	Discontinued 05/31/2002	SN74LS139AD		S	SOIC	16
SN74LS139DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS139ADR		S	SOIC	16
SN74LS139M	On Semiconductor	Discontinued 05/31/2002	SN74LS139ANSR		S	SOP-EIAJ-II	16
SN74LS139N	On Semiconductor	Discontinued 05/31/2002	SN74LS139AN		S	PDIP	16
SN74LS145D	On Semiconductor	Discontinued 05/31/2002	SN74LS145D		S	SOIC	16
SN74LS145DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS145DR		S	SOIC	16
SN74LS145M	On Semiconductor	Discontinued 05/31/2002	SN74LS145NSR		S	SOP-EIAJ-II	16
SN74LS145N	On Semiconductor	Discontinued 05/31/2002	SN74LS145N		S	PDIP	16
SN74LS148D	On Semiconductor	Discontinued 05/31/2002	SN74LS148D		S	SOIC	16
SN74LS148DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS148DR		S	SOIC	16
SN74LS148M	On Semiconductor	Discontinued 05/31/2002	SN74LS148NSR		S	SOP-EIAJ-II	16
SN74LS148MEL	On Semiconductor		SN74LS148NSR		S	SOEIAJ	16
SN74LS148N	On Semiconductor	Discontinued 05/31/2002	SN74LS148N		S	PDIP	16
SN74LS14D	On Semiconductor	Discontinued 05/31/2002	SN74LS14D		S	SOIC	14
SN74LS14DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS14DR		S	SOIC	14
SN74LS14M	On Semiconductor		SN74LS14DBR		S	SOEIAJ	14
SN74LS14MEL	On Semiconductor	Discontinued 05/31/2002	SN74LS14DBR		S	SSOP	14
SN74LS14N	On Semiconductor	Discontinued 05/31/2002	SN74LS14N		S	PDIP	14
SN74LS151D	On Semiconductor	Discontinued 05/31/2002	SN74LS151D		S	SOIC	16
SN74LS151DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS151DR		S	SOIC	16
SN74LS151M	On Semiconductor		SN74LS151NSR		S	SOEIAJ	16
SN74LS151MEL	On Semiconductor		SN74LS151NSR		S	SOEIAJ	16
SN74LS151N	On Semiconductor	Discontinued 05/31/2002	SN74LS151N		S	PDIP	16
SN74LS153D	On Semiconductor	Discontinued 05/31/2002	SN74LS153D		S	SOIC	16
SN74LS153DR2	On Semiconductor		SN74LS153DR		S	SOIC	16
SN74LS153M	On Semiconductor		SN74LS153NSR		S	SOEIAJ	16
SN74LS153MEL	On Semiconductor		SN74LS153NSR		S	SOEIAJ	16
SN74LS153N	On Semiconductor	Discontinued 05/31/2002	SN74LS153N		S	PDIP	16
SN74LS155D	Motorola (MOT)	Discontinued	SN74LS155AD		S	SOIC	16
SN74LS155D	On Semiconductor		SN74LS155AD		S	SOIC	16
SN74LS155DR2	Motorola (MOT)	Discontinued	SN74LS155ADR		S	SOIC	16
SN74LS155DR2	On Semiconductor		SN74LS155ADR		S	SOIC	16
SN74LS155N	Motorola (MOT)	Discontinued	SN74LS155AN		S	PDIP	16
SN74LS156D	On Semiconductor	Discontinued 05/31/2002	SN74LS156D		S	SOIC	16
SN74LS156DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS156DR		S	SOIC	16
SN74LS156N	On Semiconductor	Discontinued 05/31/2002	SN74LS156N		S	PDIP	16
SN74LS157D	On Semiconductor	Discontinued 05/31/2002	SN74LS157D		S	SOIC	16
SN74LS157DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS157DR		S	SOIC	16
SN74LS157M	On Semiconductor		SN74LS157NSR		S	SOEIAJ	16
SN74LS157MEL	On Semiconductor		SN74LS157NSR		S	SOEIAJ	16
SN74LS157N	On Semiconductor	Discontinued 05/31/2002	SN74LS157N		S	PDIP	16
SN74LS158D	On Semiconductor		SN74LS158D		S	SOIC	16
SN74LS158DR2	Motorola (MOT)	Discontinued	SN74LS158DR		S	SOIC	16
SN74LS158DR2	On Semiconductor		SN74LS158DR		S	SOIC	16
SN74LS158N	Motorola (MOT)	Discontinued	SN74LS158N		S	PDIP	16
SN74LS158N	On Semiconductor		SN74LS158N		S	PDIP	16
SN74LS161AD	On Semiconductor	Discontinued 05/31/2002	SN74LS161AD		S	SOIC	16
SN74LS161ADR2	On Semiconductor	Discontinued 05/31/2002	SN74LS161ADR		S	SOIC	16
SN74LS161AM	On Semiconductor		SN74LS161ANSR		S	SOP	16
SN74LS161AMEL	On Semiconductor		SN74LS161ANSR		S	SOP-EIAJ-II	16
SN74LS161AN	On Semiconductor	Discontinued 05/31/2002	SN74LS161AN		S	PDIP	16
SN74LS161D	On Semiconductor		SN74LS161AD		S	SOIC	16
SN74LS163AD	On Semiconductor	Discontinued 05/31/2002	SN74LS163AD		S	SOIC	16
SN74LS163ADR2	On Semiconductor	Discontinued 05/31/2002	SN74LS163ADR		S	SOIC	16
SN74LS163AM	On Semiconductor	Discontinued 05/31/2002	SN74LS163ANSR		S	SOP-EIAJ-II	16
SN74LS163AN	On Semiconductor	Discontinued 05/31/2002	SN74LS163AN		S	PDIP	16
SN74LS163D	On Semiconductor		SN74LS163AD		S	SOIC	16
SN74LS163N	On Semiconductor		SN74LS163AN		S	PDIP	16
SN74LS164D	On Semiconductor	Discontinued 05/31/2002	SN74LS164D		S	SOIC	14
SN74LS164DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS164DR		S	SOIC	14
SN74LS164M	On Semiconductor	Discontinued 05/31/2002	SN74LS164NSR		S	SOP-EIAJ-II	14
SN74LS164N	On Semiconductor	Discontinued 05/31/2002	SN74LS164N		S	PDIP	14
SN74LS165D	On Semiconductor	Discontinued 05/31/2002	SN74LS165AD		S	SOIC	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
SN74LS165DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS165ADR		S	SOIC	16
SN74LS165M	On Semiconductor	Discontinued 05/31/2002	SN74LS165ANSR		S	SOP-EIAJ-II	16
SN74LS165N	On Semiconductor	Discontinued 05/31/2002	SN74LS165AN		S	PDIP	16
SN74LS166D	On Semiconductor	Discontinued 05/31/2002	SN74LS166AD		S	SOIC	16
SN74LS166DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS166ADR		S	SOIC	16
SN74LS166M	On Semiconductor	Discontinued 05/31/2002	SN74LS166ANSR		S	SOP-EIAJ-II	16
SN74LS166N	On Semiconductor	Discontinued 05/31/2002	SN74LS166AN		S	PDIP	16
SN74LS169N	Motorola (MOT)	Discontinued	SN74LS169BN		S	PDIP	16
SN74LS169N	On Semiconductor	Discontinued 05/31/2002	SN74LS169BN		S	PDIP	16
SN74LS174D	On Semiconductor	Discontinued 05/31/2002	SN74LS174D		S	SOIC	16
SN74LS174DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS174DR		S	SOIC	16
SN74LS174M	On Semiconductor	Discontinued 05/31/2002	SN74LS174NSR		S	SOP-EIAJ-II	16
SN74LS174N	On Semiconductor	Discontinued 05/31/2002	SN74LS174N		S	PDIP	16
SN74LS175D	On Semiconductor	Discontinued 05/31/2002	SN74LS175D		S	SOIC	16
SN74LS175DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS175DR		S	SOIC	16
SN74LS175M	On Semiconductor	Discontinued 05/31/2002	SN74LS175NSR		S	SOP-EIAJ-II	16
SN74LS175N	On Semiconductor	Discontinued 05/31/2002	SN74LS175N		S	PDIP	16
SN74LS190D	On Semiconductor		SN74LS191D		S	SOIC	16
SN74LS190D	On Semiconductor		SN74LS194AD		S	SOIC	16
SN74LS190D	On Semiconductor		SN74LS194ADRE4		S	SOIC	16
SN74LS190N	On Semiconductor		SN74LS191N		S	PDIP	16
SN74LS190N	On Semiconductor		SN74LS194AN		S	PDIP	16
SN74LS190N	On Semiconductor		SN74LS194ANE4		S	PDIP	16
SN74LS191D	Motorola (MOT)	Discontinued	SN74LS191D		S	SOIC	16
SN74LS191D	On Semiconductor		SN74LS191D		S	SOIC	16
SN74LS191D	On Semiconductor		SN74LS194AD		S	SOIC	16
SN74LS191D	On Semiconductor		SN74LS194ADRE4		S	SOIC	16
SN74LS191DR2	Motorola (MOT)	Discontinued	SN74LS191DR		S	SOIC	16
SN74LS191DR2	On Semiconductor		SN74LS191DR		S	SOIC	16
SN74LS191N	Motorola (MOT)	Discontinued	SN74LS191N		S	PDIP	16
SN74LS191N	On Semiconductor		SN74LS191N		S	PDIP	16
SN74LS191N	On Semiconductor		SN74LS194AN		S	PDIP	16
SN74LS191N	On Semiconductor		SN74LS194ANE4		S	PDIP	16
SN74LS192D	On Semiconductor		SN74LS193D		S	SOIC	16
SN74LS192N	On Semiconductor		SN74LS193N		S	PDIP	16
SN74LS193D	On Semiconductor	Discontinued 05/31/2002	SN74LS193D		S	SOIC	16
SN74LS193DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS193DR		S	SOIC	16
SN74LS193M	On Semiconductor	Discontinued 05/31/2002	SN74LS193NSR		S	SOP-EIAJ-II	16
SN74LS193N	On Semiconductor	Discontinued 05/31/2002	SN74LS193N		S	PDIP	16
SN74LS194AD	On Semiconductor	Discontinued 05/31/2002	SN74LS194AD		S	SOIC	16
SN74LS194ADR2	On Semiconductor	Discontinued 05/31/2002	SN74LS194ADR		S	SOIC	16
SN74LS194AN	On Semiconductor	Discontinued 05/31/2002	SN74LS194AN		S	PDIP	16
SN74LS20D	Motorola (MOT)	Discontinued	SN74LS20D		S	SOIC	14
SN74LS20D	On Semiconductor		SN74LS20D		S	SOIC	14
SN74LS20DR2	Motorola (MOT)	Discontinued	SN74LS20DR		S	SOIC	14
SN74LS20DR2	On Semiconductor		SN74LS20DR		S	SOIC	14
SN74LS20N	Motorola (MOT)	Discontinued	SN74LS20N		S	PDIP	14
SN74LS20N	On Semiconductor		SN74LS20N		S	PDIP	14
SN74LS21D	Motorola (MOT)	Discontinued	SN74LS21D		S	SOIC	14
SN74LS21D	On Semiconductor		SN74LS21D		S	SOIC	14
SN74LS21DR2	Motorola (MOT)	Discontinued	SN74LS21DR		S	SOIC	14
SN74LS21DR2	On Semiconductor		SN74LS21DR		S	SOIC	14
SN74LS21N	Motorola (MOT)	Discontinued	SN74LS21N		S	PDIP	14
SN74LS21N	On Semiconductor		SN74LS21N		S	PDIP	14
SN74LS221D	On Semiconductor	Discontinued 05/31/2002	SN74LS221D		S	SOIC	16
SN74LS221DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS221DR		S	SOIC	16
SN74LS221N	On Semiconductor	Discontinued 05/31/2002	SN74LS221N		S	PDIP	16
SN74LS240DW	On Semiconductor	Discontinued 05/31/2002	SN74LS240DW		S	SOIC	20
SN74LS240DWR2	On Semiconductor	Discontinued 05/31/2002	SN74LS240DWR		S	SOIC	20
SN74LS240H	On Semiconductor	Discontinued 10/02/2001	SN74LS240N		S	PDIP	20
SN74LS240M	On Semiconductor	Discontinued 05/31/2002	SN74LS240NSR		S	SOP-EIAJ-II	20
SN74LS240N	On Semiconductor	Discontinued 05/31/2002	SN74LS240N		S	PDIP	20
SN74LS241DW	Motorola (MOT)	Discontinued	SN74LS241DW		S	SOIC	20
SN74LS241DWR2	Motorola (MOT)	Discontinued	SN74LS241DWR		S	SOIC	20

SN74LS165DR2 — SN74LS241DWR2

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
SN74LS241DWR2	On Semiconductor		SN74LS241DWR		S	SOIC	20
SN74LS241N	Motorola (MOT)	Discontinued	SN74LS241N		S	PDIP	20
SN74LS242D	On Semiconductor	tpd differs	SN74LS243D		S	SOIC	14
SN74LS242N	On Semiconductor	tpd differs	SN74LS243N		S	PDIP	14
SN74LS243D	Motorola (MOT)	Discontinued	SN74LS243D		S	SOIC	14
SN74LS243D	On Semiconductor		SN74LS243D		S	SOIC	14
SN74LS243N	Motorola (MOT)	Discontinued	SN74LS243N		S	PDIP	14
SN74LS243N	On Semiconductor		SN74LS243N		S	PDIP	14
SN74LS244DW	On Semiconductor	Discontinued 05/31/2002	SN74LS244DW		S	SOIC	20
SN74LS244DWR2	On Semiconductor	Discontinued 05/31/2002	SN74LS244DWR		S	SOIC	20
SN74LS244H	On Semiconductor	Discontinued 10/02/2001	SN74LS244N		S	PDIP	20
SN74LS244M	On Semiconductor	Discontinued 05/31/2002	SN74LS244DBR		S	SOP-EIAJ-II	20
SN74LS244MEL	On Semiconductor	Discontinued 05/31/2002	SN74LS244DBR		S	SSOP	20
SN74LS244N	On Semiconductor	Discontinued 05/31/2002	SN74LS244N		S	PDIP	20
SN74LS245DW	On Semiconductor	Discontinued 05/31/2002	SN74LS245DW		S	SOIC	20
SN74LS245DWR2	On Semiconductor	Discontinued 05/31/2002	SN74LS245DW		S	SOIC	20
SN74LS245DWR2	On Semiconductor	Discontinued 05/31/2002	SN74LS245DWR		S	SOIC	20
SN74LS245H	On Semiconductor	Discontinued 10/02/2001	SN74LS245N		S	PDIP	20
SN74LS245M	On Semiconductor	Discontinued 05/31/2002	SN74LS245DBR		S	SOP-EIAJ-II	20
SN74LS245MEL	On Semiconductor	Discontinued 05/31/2002	SN74LS245DBR		S	SSOP	20
SN74LS245MEL	On Semiconductor		SN74LS245DWR		S	SOP	20
SN74LS245N	On Semiconductor	Discontinued 05/31/2002	SN74LS245N		S	PDIP	20
SN74LS247D	On Semiconductor	Discontinued 05/31/2002	SN74LS247D		S	SOIC	16
SN74LS247DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS247D		S	SOIC	16
SN74LS247N	On Semiconductor	Discontinued 05/31/2002	SN74LS247N		S	PDIP	16
SN74LS251D	On Semiconductor	Discontinued 05/31/2002	SN74LS251D		S	SOIC	16
SN74LS251DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS251DR		S	SOIC	16
SN74LS251M	On Semiconductor	Discontinued 05/31/2002	SN74LS251NSR		S	SOP-EIAJ-II	16
SN74LS251MEL	On Semiconductor		SN74LS251NSR		S	SOEIAJ	16
SN74LS251N	On Semiconductor	Discontinued 05/31/2002	SN74LS251N		S	PDIP	16
SN74LS253D	On Semiconductor	Discontinued 05/31/2002	SN74LS253D		S	SOIC	16
SN74LS253DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS253DR		S	SOIC	16
SN74LS253M	On Semiconductor	Discontinued 05/31/2002	SN74LS253NSR		S	SOP-EIAJ-II	16
SN74LS253MEL	On Semiconductor		SN74LS253NSR		S	SOEIAJ	16
SN74LS253N	On Semiconductor	Discontinued 05/31/2002	SN74LS253N		S	PDIP	16
SN74LS257BD	On Semiconductor	Discontinued 05/31/2002	SN74LS257BD		S	SOIC	16
SN74LS257BDR2	On Semiconductor	Discontinued 05/31/2002	SN74LS257BDR		S	SOIC	16
SN74LS257BM	On Semiconductor		SN74LS257BNSR		S	SOEIAJ	16
SN74LS257BMEL	On Semiconductor		SN74LS257BNSR		S	SOEIAJ	16
SN74LS257BN	On Semiconductor	Discontinued 05/31/2002	SN74LS257BN		S	PDIP	16
SN74LS258BD	On Semiconductor	Discontinued 05/31/2002	SN74LS258BD		S	SOIC	16
SN74LS258BDR2	On Semiconductor	Discontinued 05/31/2002	SN74LS258BDR		S	SOIC	16
SN74LS258BM	On Semiconductor		SN74LS258BNSR		S	SOEIAJ	16
SN74LS258BMEL	On Semiconductor		SN74LS258BNSR		S	SOEIAJ	16
SN74LS258BN	On Semiconductor	Discontinued 05/31/2002	SN74LS258BN		S	PDIP	16
SN74LS259BD	On Semiconductor	Discontinued 05/31/2002	SN74LS259BD		S	SOIC	16
SN74LS259BDR2	On Semiconductor	Discontinued 05/31/2002	SN74LS259BDR		S	SOIC	16
SN74LS259BM	On Semiconductor	Discontinued 05/31/2002	SN74LS259BNSR		S	SOP-EIAJ-II	16
SN74LS259BN	On Semiconductor	Discontinued 05/31/2002	SN74LS259BN		S	PDIP	16
SN74LS259D	On Semiconductor	tpd differs	SN74LS259BD		S	SOIC	16
SN74LS259DR2	On Semiconductor	tpd differs	SN74LS259BDR		S	SOIC	16
SN74LS259N	On Semiconductor	tpd differs	SN74LS259BN		S	PDIP	16
SN74LS266D	Motorola (MOT)	Discontinued	SN74LS266D		S	SOIC	14
SN74LS266DR2	Motorola (MOT)	Discontinued	SN74LS266DR		S	SOIC	14
SN74LS266N	Motorola (MOT)	Discontinued	SN74LS266N		S	PDIP	14
SN74LS26D	Motorola (MOT)	Discontinued	SN74LS26D		S	SOIC	14
SN74LS26D	On Semiconductor		SN74LS26D		S	SOIC	14
SN74LS26DR2	Motorola (MOT)	Discontinued	SN74LS26DR		S	SOIC	14
SN74LS26DR2	On Semiconductor		SN74LS26DR		S	SOIC	14
SN74LS26N	Motorola (MOT)	Discontinued	SN74LS26N		S	PDIP	14
SN74LS26N	On Semiconductor		SN74LS26N		S	PDIP	14
SN74LS273DW	On Semiconductor	Discontinued 05/31/2002	SN74LS273DW		S	SOIC	20
SN74LS273DW	On Semiconductor		SN74LS273DWE4		S	SOIC	20
SN74LS273DWR2	On Semiconductor	Discontinued 05/31/2002	SN74LS273DWR		S	SOIC	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
SN74LS273DWR2	On Semiconductor		SN74LS273DWRE4		S	SOIC	20
SN74LS273H	On Semiconductor	Discontinued 10/02/2001	SN74LS273N		S	PDIP	20
SN74LS273M	On Semiconductor	Discontinued 05/31/2002	SN74LS273NSR		S	SOP-EIAJ-II	20
SN74LS273N	On Semiconductor	Discontinued 05/31/2002	SN74LS273N		S	PDIP	20
SN74LS273N	On Semiconductor		SN74LS273NE4		S	PDIP	20
SN74LS279D	Motorola (MOT)	Discontinued	SN74LS279AD		S	SOIC	16
SN74LS279D	On Semiconductor		SN74LS279AD		S	SOIC	16
SN74LS279DR2	Motorola (MOT)	Discontinued	SN74LS279ADR		S	SOIC	16
SN74LS279DR2	On Semiconductor		SN74LS279ADR		S	SOIC	16
SN74LS279N	Motorola (MOT)	Discontinued	SN74LS279AN		S	PDIP	16
SN74LS279N	On Semiconductor		SN74LS279AN		S	PDIP	16
SN74LS27D	Motorola (MOT)	Discontinued	SN74LS27D		S	SOIC	14
SN74LS27DR2	Motorola (MOT)	Discontinued	SN74LS27DR		S	SOIC	14
SN74LS27N	Motorola (MOT)	Discontinued	SN74LS27N		S	PDIP	14
SN74LS280D	On Semiconductor	Discontinued 05/31/2002	SN74LS280D		S	SOIC	14
SN74LS280DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS280DR		S	SOIC	14
SN74LS280M	On Semiconductor	Discontinued 05/31/2002	SN74LS280NSR		S	SOP-EIAJ-II	14
SN74LS280N	On Semiconductor	Discontinued 05/31/2002	SN74LS280N		S	PDIP	14
SN74LS283D	On Semiconductor	Discontinued 05/31/2002	SN74LS283D		S	SOIC	16
SN74LS283M	On Semiconductor	Discontinued 05/31/2002	SN74LS283NSR		S	SOP-EIAJ-II	16
SN74LS283N	On Semiconductor	Discontinued 05/31/2002	SN74LS283N		S	PDIP	16
SN74LS293D	Motorola (MOT)	Discontinued	SN74LS293D		S	SOIC	14
SN74LS293D	On Semiconductor	Discontinued 05/31/2002	SN74LS293D		S	SOIC	14
SN74LS293D	On Semiconductor		SN74LS93D		S	SOIC	14
SN74LS293DR2	On Semiconductor	Discontinued	SN74LS293DR		S	SOIC	14
SN74LS293N	Motorola (MOT)	Discontinued	SN74LS293N		S	PDIP	14
SN74LS293N	On Semiconductor	Discontinued 05/31/2002	SN74LS293N		S	PDIP	14
SN74LS293N	On Semiconductor		SN74LS93N		S	PDIP	14
SN74LS298D	On Semiconductor	Discontinued 05/31/2002	SN74LS298D		S	SOIC	16
SN74LS298DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS298DR		S	SOIC	16
SN74LS298N	On Semiconductor	Discontinued 05/31/2002	SN74LS298N		S	PDIP	16
SN74LS299DW	On Semiconductor	Discontinued 05/31/2002	SN74LS299DW		S	SOIC	20
SN74LS299DWR2	On Semiconductor	Discontinued 05/31/2002	SN74LS299DWR		S	SOIC	20
SN74LS299H	On Semiconductor	Discontinued 10/02/2001	SN74LS299N		S	PDIP	20
SN74LS299N	On Semiconductor	Discontinued 05/31/2002	SN74LS299N		S	PDIP	20
SN74LS30D	Motorola (MOT)	Discontinued	SN74LS30D		S	SOIC	14
SN74LS30D	On Semiconductor	Discontinued 05/31/2002	SN74LS30D		S	SOIC	14
SN74LS30DR2	Motorola (MOT)	Discontinued	SN74LS30DR		S	SOIC	14
SN74LS30DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS30DR		S	SOIC	14
SN74LS30N	Motorola (MOT)	Discontinued	SN74LS30N		S	PDIP	14
SN74LS30N	On Semiconductor	Discontinued 05/31/2002	SN74LS30N		S	PDIP	14
SN74LS32D	On Semiconductor	Discontinued 05/31/2002	SN74LS32D		S	SOIC	14
SN74LS32DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS32DR		S	SOIC	14
SN74LS32M	On Semiconductor	Discontinued 05/31/2002	SN74LS32DBR		S	SOP-EIAJ-II	14
SN74LS32MEL	On Semiconductor	Discontinued 05/31/2002	SN74LS32DBR		S	SSOP	14
SN74LS32N	On Semiconductor	Discontinued 05/31/2002	SN74LS32N		S	PDIP	14
SN74LS33D	Motorola (MOT)	Discontinued	SN74LS33D		S	SOIC	14
SN74LS33DR2	Motorola (MOT)	Discontinued	SN74LS33DR		S	SOIC	14
SN74LS33N	Motorola (MOT)	Discontinued	SN74LS33N		S	PDIP	14
SN74LS348DR2	Motorola (MOT)	Discontinued	SN74LS348DR		S	SOIC	16
SN74LS348DR2	On Semiconductor		SN74LS348DR		S	SOIC	16
SN74LS348N	Motorola (MOT)	Discontinued	SN74LS348N		S	PDIP	16
SN74LS348N	On Semiconductor		SN74LS348N		S	PDIP	16
SN74LS365AD	On Semiconductor	Discontinued 05/31/2002	SN74LS365AD		S	SOIC	16
SN74LS365ADR2	On Semiconductor	Discontinued 05/31/2002	SN74LS365ADR		S	SOIC	16
SN74LS365AN	On Semiconductor	Discontinued 05/31/2002	SN74LS365AN		S	PDIP	16
SN74LS367AD	On Semiconductor	Discontinued 05/31/2002	SN74LS367AD		S	SOIC	16
SN74LS367ADR2	On Semiconductor	Discontinued 05/31/2002	SN74LS367ADR		S	SOIC	16
SN74LS367AM	On Semiconductor	Discontinued 05/31/2002	SN74LS367ANSR		S	SOP-EIAJ-II	16
SN74LS367AN	On Semiconductor	Discontinued 05/31/2002	SN74LS367AN		S	PDIP	16
SN74LS368AD	On Semiconductor	Discontinued 05/31/2002	SN74LS368AD		S	SOIC	16
SN74LS368ADR2	On Semiconductor	Discontinued 05/31/2002	SN74LS368ADR		S	SOIC	16
SN74LS368AM	On Semiconductor	Discontinued 05/31/2002	SN74LS368ANSR		S	SOP-EIAJ-II	16
SN74LS368AN	On Semiconductor	Discontinued 05/31/2002	SN74LS368AN		S	PDIP	16

SN74LS273DWR2 — SN74LS368AN

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
SN74LS373DW	On Semiconductor	Discontinued 05/31/2002	SN74LS373DW		S	SOIC	20
SN74LS373DWR2	On Semiconductor	Discontinued 05/31/2002	SN74LS373DWR		S	SOIC	20
SN74LS373H	On Semiconductor	Discontinued 10/02/2001	SN74LS373N		S	PDIP	20
SN74LS373M	On Semiconductor	Discontinued 05/31/2002	SN74LS373NSR		S	SOP-EIAJ-II	20
SN74LS373N	On Semiconductor	Discontinued 05/31/2002	SN74LS373N		S	PDIP	20
SN74LS374DW	On Semiconductor	Discontinued 05/31/2002	SN74LS374DW		S	SOIC	20
SN74LS374DWR2	On Semiconductor	tpd differs	SN74LS373DWRE4		S	SOIC	20
SN74LS374DWR2	On Semiconductor	Discontinued 05/31/2002	SN74LS374DWR		S	SOIC	20
SN74LS374H	On Semiconductor	Discontinued 10/02/2001	SN74LS374N		S	PDIP	20
SN74LS374M	On Semiconductor	Discontinued 05/31/2002	SN74LS374DBR		S	SOP-EIAJ-II	20
SN74LS374M	On Semiconductor	tpd differs	SN74LS377NSR		S	SOP-EIAJ-II	20
SN74LS374MEL	On Semiconductor	Discontinued 05/31/2002	SN74LS374DBR		S	SSOP	20
SN74LS374MEL	On Semiconductor	tpd differs	SN74LS377NSR		S	SOP-EIAJ-II	20
SN74LS374N	On Semiconductor	Discontinued 05/31/2002	SN74LS374N		S	PDIP	20
SN74LS375D	On Semiconductor		SN74LS375D		S	SOIC	16
SN74LS375N	On Semiconductor		SN74LS375N		S	PDIP	16
SN74LS377DW	On Semiconductor	Discontinued 05/31/2002	SN74LS377DW		S	SOIC	20
SN74LS377DWR2	On Semiconductor	tpd differs	SN74LS373DWRE4		S	SOIC	20
SN74LS377DWR2	On Semiconductor	Discontinued 05/31/2002	SN74LS377DWR		S	SOIC	20
SN74LS377N	On Semiconductor	Discontinued 05/31/2002	SN74LS377N		S	PDIP	20
SN74LS378D	Motorola (MOT)	Discontinued	SN74LS378D		S	SOIC	16
SN74LS378N	Motorola (MOT)	Discontinued	SN74LS378N		S	PDIP	16
SN74LS38D	On Semiconductor	Discontinued 05/31/2002	SN74LS38D		S	SOIC	14
SN74LS38DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS38DR		S	SOIC	14
SN74LS38M	On Semiconductor	Discontinued 05/31/2002	SN74LS38NSR		S	SOP-EIAJ-II	14
SN74LS38N	On Semiconductor	Discontinued 05/31/2002	SN74LS38N		S	PDIP	14
SN74LS390D	Motorola (MOT)	Discontinued	SN74LS390D		S	SOIC	16
SN74LS390DR2	Motorola (MOT)	Discontinued	SN74LS390DR		S	SOIC	16
SN74LS390DR2	On Semiconductor		SN74LS390DR		S	SOIC	16
SN74LS390N	Motorola (MOT)	Discontinued	SN74LS390N		S	PDIP	16
SN74LS393D	On Semiconductor	Discontinued 05/31/2002	SN74LS393D		S	SOIC	14
SN74LS393DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS393DR		S	SOIC	14
SN74LS393M	On Semiconductor	Discontinued 05/31/2002	SN74LS393NSR		S	SOP-EIAJ-II	14
SN74LS393N	On Semiconductor	Discontinued 05/31/2002	SN74LS393N		S	PDIP	14
SN74LS399D	On Semiconductor		SN74LS298D		S	SOIC	16
SN74LS399D	Motorola (MOT)	Discontinued	SN74LS399D		S	SOIC	16
SN74LS399D	On Semiconductor		SN74LS399D		S	SOIC	16
SN74LS399DW	On Semiconductor	SOIC wide package	SN74LS298D	SOIC narrow package	P	SOIC	16
SN74LS399N	On Semiconductor		SN74LS298N		S	PDIP	16
SN74LS399N	Motorola (MOT)	Discontinued	SN74LS399N		S	PDIP	16
SN74LS399N	On Semiconductor		SN74LS399N		S	PDIP	16
SN74LS42D	On Semiconductor	Discontinued 05/31/2002	SN74LS42D		S	SOIC	16
SN74LS42DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS42D		S	SOIC	16
SN74LS42M	On Semiconductor	Discontinued 05/31/2002	SN74LS42NSR		S	SOP-EIAJ-II	16
SN74LS42N	On Semiconductor	Discontinued 05/31/2002	SN74LS42N		S	PDIP	16
SN74LS47D	On Semiconductor	Discontinued 05/31/2002	SN74LS47D		S	SOIC	16
SN74LS47N	On Semiconductor	Discontinued 05/31/2002	SN74LS47N		S	PDIP	16
SN74LS51D	Motorola (MOT)	Discontinued	SN74LS51D		S	SOIC	14
SN74LS51D	On Semiconductor		SN74LS51D		S	SOIC	14
SN74LS51DR2	Motorola (MOT)	Discontinued	SN74LS51DR		S	SOIC	14
SN74LS51DR2	On Semiconductor		SN74LS51DR		S	SOIC	14
SN74LS51N	Motorola (MOT)	Discontinued	SN74LS51N		S	PDIP	14
SN74LS51N	On Semiconductor		SN74LS51N		S	PDIP	14
SN74LS540DW	Motorola (MOT)	Discontinued	SN74LS540DW		S	SOIC	20
SN74LS540DW	On Semiconductor		SN74LS540DW		S	SOIC	20
SN74LS540DWR2	Motorola (MOT)	Discontinued	SN74LS540DWR		S	SOIC	20
SN74LS540DWR2	On Semiconductor		SN74LS540DWR		S	SOIC	20
SN74LS540N	Motorola (MOT)	Discontinued	SN74LS540N		S	PDIP	20
SN74LS540N	On Semiconductor		SN74LS540N		S	PDIP	20
SN74LS541DW	On Semiconductor		SN74LS465DW		S	SOIC	20
SN74LS541DW	On Semiconductor	Discontinued 05/31/2002	SN74LS541DW		S	SOIC	20
SN74LS541DWR2	On Semiconductor		SN74LS465DWR		S	SOIC	20
SN74LS541DWR2	On Semiconductor	Discontinued 05/31/2002	SN74LS541DWR		S	SOIC	20
SN74LS541H	On Semiconductor	Discontinued 10/02/2001	SN74LS541N		S	PDIP	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
SN74LS541M	On Semiconductor	Discontinued 05/31/2002	SN74LS541NSR		S	SOP-EIAJ-II	20
SN74LS541N	On Semiconductor		SN74LS465N		S	PDIP	20
SN74LS541N	On Semiconductor	Discontinued 05/31/2002	SN74LS541N		S	PDIP	20
SN74LS623N	Motorola (MOT)	Discontinued	SN74LS623N		S	PDIP	20
SN74LS640DW	On Semiconductor	Discontinued 05/31/2002	SN74LS640DW		S	SOIC	20
SN74LS640DWR2	On Semiconductor	Discontinued 05/31/2002	SN74LS640DWR		S	SOIC	20
SN74LS640H	On Semiconductor	Discontinued 10/02/2001	SN74LS640N		S	PDIP	20
SN74LS640M	On Semiconductor	Discontinued 05/31/2002	SN74LS640NSR		S	SOP-EIAJ-II	20
SN74LS640N	On Semiconductor	Discontinued 05/31/2002	SN74LS640N		S	PDIP	20
SN74LS641DW	On Semiconductor	Discontinued 05/31/2002	SN74LS641DW		S	SOIC	20
SN74LS641DWR2	On Semiconductor	Discontinued 05/31/2002	SN74LS641DWR		S	SOIC	20
SN74LS641H	On Semiconductor	Discontinued 10/02/2001	SN74LS641N		S	PDIP	20
SN74LS641M	On Semiconductor	Discontinued 05/31/2002	SN74LS641NSR		S	SOP-EIAJ-II	20
SN74LS641N	On Semiconductor	Discontinued 05/31/2002	SN74LS641N		S	PDIP	20
SN74LS642DW	On Semiconductor	Discontinued 05/31/2002	SN74LS642DW		S	SOIC	20
SN74LS642DWR2	On Semiconductor		SN74LS642DW		S	SOIC	20
SN74LS642H	On Semiconductor	Discontinued 10/02/2001	SN74LS642N		S	PDIP	20
SN74LS642N	On Semiconductor	Discontinued 05/31/2002	SN74LS642N		S	PDIP	20
SN74LS645H	On Semiconductor	Discontinued 10/02/2001	SN74LS645N		S	PDIP	20
SN74LS645N	On Semiconductor	Discontinued 05/31/2002	SN74LS645N		S	PDIP	20
SN74LS669D	On Semiconductor		SN74LS669D		S	SOIC	16
SN74LS669N	Motorola (MOT)	Discontinued	SN74LS669N		S	PDIP	16
SN74LS669N	On Semiconductor	Discontinued 05/31/2002	SN74LS669N		S	PDIP	16
SN74LS670D	On Semiconductor	Discontinued 05/31/2002	SN74LS670D		S	SOIC	16
SN74LS670N	On Semiconductor	Discontinued 05/31/2002	SN74LS670N		S	PDIP	16
SN74LS682DW	On Semiconductor	Discontinued 05/31/2002	SN74LS682DW		S	SOIC	20
SN74LS682DWR2	On Semiconductor	Discontinued 05/31/2002	SN74LS682DWR		S	SOIC	20
SN74LS682H	On Semiconductor	Discontinued 10/02/2001	SN74LS682N		S	PDIP	20
SN74LS682N	On Semiconductor	Discontinued 05/31/2002	SN74LS682N		S	PDIP	20
SN74LS684DW	On Semiconductor	Discontinued 05/31/2002	SN74LS684DW		S	SOIC	20
SN74LS684DWR2	On Semiconductor	Discontinued 05/31/2002	SN74LS684DWR		S	SOIC	20
SN74LS684M	On Semiconductor	Discontinued 05/31/2002	SN74LS684NSR		S	SOP-EIAJ-II	20
SN74LS684N	On Semiconductor	Discontinued 05/31/2002	SN74LS684N		S	PDIP	20
SN74LS688DW	On Semiconductor	Discontinued 05/31/2002	SN74LS688DW		S	SOIC	20
SN74LS688DWR2	On Semiconductor	Discontinued 05/31/2002	SN74LS688DWR		S	SOIC	20
SN74LS688H	On Semiconductor	Discontinued 10/02/2001	SN74LS688N		S	PDIP	20
SN74LS688N	On Semiconductor	Discontinued 05/31/2002	SN74LS688N		S	PDIP	20
SN74LS73AD	On Semiconductor		SN74LS107AD		S	SOIC	14
SN74LS73AD	On Semiconductor		SN74LS107ADE4		S	SOIC	14
SN74LS73AD	On Semiconductor		SN74LS73ADE4		S	SOIC	14
SN74LS73AN	Motorola (MOT)	Discontinued	SN74LS73AN		S	PDIP	14
SN74LS73AN	On Semiconductor		SN74LS73AN		S	PDIP	14
SN74LS73AN	On Semiconductor		SN74LS73ANE4		S	PDIP	14
SN74LS74AD	On Semiconductor	Discontinued 05/31/2002	SN74LS74AD		S	SOIC	14
SN74LS74AD	On Semiconductor		SN74LS74ADE4		S	SOIC	14
SN74LS74ADR2	On Semiconductor	Discontinued 05/31/2002	SN74LS74ADR		S	SOIC	14
SN74LS74ADR2	On Semiconductor		SN74LS74ADRE4		S	SOIC	14
SN74LS74AM	On Semiconductor	Discontinued 05/31/2002	SN74LS74ADBR		S	SOP-EIAJ-II	14
SN74LS74AMEL	On Semiconductor	Discontinued 05/31/2002	SN74LS74ADBR		S	SSOP	14
SN74LS74AN	On Semiconductor	Discontinued 05/31/2002	SN74LS74AN		S	PDIP	14
SN74LS75D	On Semiconductor		SN74LS75D		S	SOIC	16
SN74LS75N	On Semiconductor		SN74LS75N		S	PDIP	16
SN74LS85D	On Semiconductor	Discontinued 05/31/2002	SN74LS85D		S	SOIC	16
SN74LS85DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS85DR		S	SOIC	16
SN74LS85M	On Semiconductor	Discontinued 05/31/2002	SN74LS85NSR		S	SOP-EIAJ-II	16
SN74LS85N	On Semiconductor	Discontinued 05/31/2002	SN74LS85N		S	PDIP	16
SN74LS86D	On Semiconductor	Discontinued 05/31/2002	SN74LS86AD		S	SOIC	14
SN74LS86DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS86ADR		S	SOIC	14
SN74LS86M	On Semiconductor	Discontinued 05/31/2002	SN74LS86ANSR		S	SOP-EIAJ-II	14
SN74LS86N	On Semiconductor	Discontinued 05/31/2002	SN74LS86AN		S	PDIP	14
SN74LS90D	Motorola (MOT)	Discontinued	SN74LS90D		S	SOIC	14
SN74LS90D	On Semiconductor	Discontinued 05/31/2002	SN74LS90D		S	SOIC	14
SN74LS90DR2	Motorola (MOT)	Discontinued	SN74LS90DR		S	SOIC	14
SN74LS90DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS90DR		S	SOIC	14

SN74LS541M — SN74LS90DR2

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
SN74LS90N	Motorola (MOT)	Discontinued	SN74LS90N		S	PDIP	14
SN74LS90N	On Semiconductor	Discontinued 05/31/2002	SN74LS90N		S	PDIP	14
SN74LS92D	Motorola (MOT)	Discontinued	SN74LS92D		S	SOIC	14
SN74LS92D	On Semiconductor		SN74LS92D		S	SOIC	14
SN74LS92DR2	Motorola (MOT)	Discontinued	SN74LS92DR		S	SOIC	14
SN74LS92DR2	On Semiconductor		SN74LS92DR		S	SOIC	14
SN74LS92N	Motorola (MOT)	Discontinued	SN74LS92N		S	PDIP	14
SN74LS92N	On Semiconductor		SN74LS92N		S	PDIP	14
SN74LS93D	Motorola (MOT)	Discontinued	SN74LS93D		S	SOIC	14
SN74LS93D	On Semiconductor	Discontinued 05/31/2002	SN74LS93D		S	SOIC	14
SN74LS93DR2	On Semiconductor	Discontinued 05/31/2002	SN74LS93DR		S	SOIC	14
SN74LS93N	Motorola (MOT)	Discontinued	SN74LS93N		S	PDIP	14
SN74LS93N	On Semiconductor	Discontinued 05/31/2002	SN74LS93N		S	PDIP	14
SP202ECN	Sipex Corporation	0.1 to 10 uF caps	MAX202CD	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP202ECN/TR	Sipex Corporation	0.1 to 10 uF caps	MAX202CDR	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP202ECN-L	Sipex Corporation	Pb-Free, 0.1 to 10 uF caps	MAX202CD	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP202ECN-L/TR	Sipex Corporation	Pb-Free, 0.1 to 10 uF caps	MAX202CDR	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP202ECT	Sipex Corporation	0.1 to 10 uF caps	MAX202CDW	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP202ECT/TR	Sipex Corporation	0.1 to 10 uF caps	MAX202CDWR	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP202ECT-L	Sipex Corporation	Pb-Free, 0.1 to 10 uF caps	MAX202CDW	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP202ECT-L/TR	Sipex Corporation	Pb-Free, 0.1 to 10 uF caps	MAX202CDWR	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP202EEN	Sipex Corporation	0.1 to 10 uF caps	MAX202ID	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP202EEN/TR	Sipex Corporation	0.1 to 10 uF caps	MAX202IDR	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP202EEN-L	Sipex Corporation	Pb-Free, 0.1 to 10 uF caps	MAX202ID	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP202EEN-L/TR	Sipex Corporation	Pb-Free, 0.1 to 10 uF caps	MAX202IDR	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP202EET	Sipex Corporation	0.1 to 10 uF caps	MAX202IDW	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP202EET/TR	Sipex Corporation	0.1 to 10 uF caps	MAX202IDWR	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP202EET-L	Sipex Corporation	Pb-Free, 0.1 to 10 uF caps	MAX202IDW	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP202EET-L/TR	Sipex Corporation	Pb-Free, 0.1 to 10 uF caps	MAX202IDWR	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP207CA	Sipex Corporation		MAX207CDW		S	SSOP	24
SP207CA/TR	Sipex Corporation		MAX207CDWR		S	SSOP	24
SP207CT	Sipex Corporation		MAX207CDW		S	SOIC	24
SP207CT/TR	Sipex Corporation		MAX207CDWR		S	SOIC	24
SP207EA	Sipex Corporation		MAX207IDB		S	SSOP	24
SP207EA	Sipex Corporation		MAX207IDW		S	SSOP	24
SP207EA/TR	Sipex Corporation		MAX207IDBR		S	SSOP	24
SP207EA/TR	Sipex Corporation		MAX207IDWR		S	SSOP	24
SP207ET	Sipex Corporation		MAX207IDW		S	SOIC	24
SP207ET/TR	Sipex Corporation		MAX207IDWR		S	SOIC	24
SP208CA	Sipex Corporation		MAX208CDB		S	SSOP	24
SP208CA/TR	Sipex Corporation		MAX208CDBR		S	SSOP	24
SP208CP	Sipex Corporation		MAX208CNT	Planned	S	PDIP	24
SP208CT	Sipex Corporation		MAX208CDW		S	SOIC	24
SP208CT/TR	Sipex Corporation		MAX208CDWR		S	SOIC	24
SP208EA	Sipex Corporation		MAX208IDB		S	SSOP	24
SP208EA/TR	Sipex Corporation		MAX208IDBR		S	SSOP	24
SP208EP	Sipex Corporation		MAX208INT	Planned	S	PDIP	24
SP208ET	Sipex Corporation		MAX208IDW		S	SOIC	24

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
SP208ET/TR	Sipex Corporation		MAX208IDWR		S	SOIC	24
SP232ACN	Sipex Corporation	0.1 to 10 uF caps	MAX202CDR	0.1 uF caps	S	SOIC	16
SP232ACN/TR	Sipex Corporation	0.1 to 10 uF caps	MAX202CDR	0.1 uF caps	S	SOIC	16
SP232ACN-L	Sipex Corporation	Pb-Free, 0.1 to 10 uF caps	MAX202CD	0.1 uF caps	S	SOIC	16
SP232ACN-L/TR	Sipex Corporation	Pb-Free, 0.1 to 10 uF caps	MAX202CDR	0.1 uF caps	S	SOIC	16
SP232ACT	Sipex Corporation	0.1 to 10 uF caps	MAX202CDW	0.1 uF caps	S	SOIC	16
SP232ACT/TR	Sipex Corporation	0.1 to 10 uF caps	MAX202CDWR	0.1 uF caps	S	SOIC	16
SP232ACT-L	Sipex Corporation	Pb-Free, 0.1 to 10 uF caps	MAX202CDW	0.1 uF caps	S	SOIC	16
SP232ACT-L/TR	Sipex Corporation	Pb-Free, 0.1 to 10 uF caps	MAX202CDWR	0.1 uF caps	S	SOIC	16
SP232AEN	Sipex Corporation	0.1 to 10 uF caps	MAX202ID	0.1 uF caps	S	SOIC	16
SP232AEN/TR	Sipex Corporation	0.1 to 10 uF caps	MAX202IDR	0.1 uF caps	S	SOIC	16
SP232AEN-L	Sipex Corporation	Pb-Free, 0.1 to 10 uF caps	MAX202ID	0.1 uF caps	S	SOIC	16
SP232AEN-L/TR	Sipex Corporation	Pb-Free, 0.1 to 10 uF caps	MAX202IDR	0.1 uF caps	S	SOIC	16
SP232AET	Sipex Corporation	0.1 to 10 uF caps	MAX202IDW	0.1 uF caps	S	SOIC	16
SP232AET/TR	Sipex Corporation	0.1 to 10 uF caps	MAX202IDWR	0.1 uF caps	S	SOIC	16
SP232AET-L	Sipex Corporation	Pb-Free, 0.1 to 10 uF caps	MAX202IDW	0.1 uF caps	S	SOIC	16
SP232AET-L/TR	Sipex Corporation	Pb-Free, 0.1 to 10 uF caps	MAX202IDWR	0.1 uF caps	S	SOIC	16
SP232ECN	Sipex Corporation	0.1 to 10 uF caps	MAX202CD	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP232ECN/TR	Sipex Corporation	0.1 to 10 uF caps	MAX202CDR	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP232ECN-L	Sipex Corporation	Pb-Free, 0.1 to 10 uF caps	MAX202CD	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP232ECN-L/TR	Sipex Corporation	Pb-Free, 0.1 to 10 uF caps	MAX202CDR	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP232ECT	Sipex Corporation	0.1 to 10 uF caps	MAX202CDW	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP232ECT/TR	Sipex Corporation	0.1 to 10 uF caps	MAX202CDWR	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP232ECT-L	Sipex Corporation	Pb-Free, 0.1 to 10 uF caps	MAX202CDW	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP232ECT-L/TR	Sipex Corporation	Pb-Free, 0.1 to 10 uF caps	MAX202CDWR	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP232EEN	Sipex Corporation	0.1 to 10 uF caps	MAX202ID	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP232EEN/TR	Sipex Corporation	0.1 to 10 uF caps	MAX202IDR	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP232EEN-L	Sipex Corporation	Pb-Free, 0.1 to 10 uF caps	MAX202ID	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP232EEN-L/TR	Sipex Corporation	Pb-Free, 0.1 to 10 uF caps	MAX202IDR	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP232EET	Sipex Corporation	0.1 to 10 uF caps	MAX202IDW	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP232EET/TR	Sipex Corporation	0.1 to 10 uF caps	MAX202IDWR	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP232EET-L	Sipex Corporation	Pb-Free, 0.1 to 10 uF caps	MAX202IDW	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP232EET-L/TR	Sipex Corporation	Pb-Free, 0.1 to 10 uF caps	MAX202IDWR	Not IEC61000 ESD compliant, E grade planned, 0.1 uF caps	S	SOIC	16
SP232EN	Sipex Corporation	Replaced by SP232A	MAX232EID		S	SOIC	16
SP232EN/TR	Sipex Corporation	Replaced by SP232A	MAX232EIDR		S	SOIC	16
SP232EP	Sipex Corporation	Replaced by SP232A	MAX232EIN		S	PDIP	16
SP232ET	Sipex Corporation	Replaced by SP232A	MAX232EIDW		S	SOIC	16
SP232ET/TR	Sipex Corporation	Replaced by SP232A	MAX232EIDWR		S	SOIC	16
SP3220EEA	Sipex Corporation		MAX3221EIDB		S	SSOP	16
SP3220EEA/TR	Sipex Corporation		MAX3221EIDBR		S	SSOP	16
SP3220EEA-L	Sipex Corporation	Pb-Free	MAX3221EIDB		S	SSOP	16
SP3220EEA-L/TR	Sipex Corporation	Pb-Free	MAX3221EIDBR		S	SSOP	16
SP3220EEY	Sipex Corporation		MAX3221EIPW		S	TSSOP	16
SP3220EEY/TR	Sipex Corporation		MAX3221EIPWR		S	TSSOP	16
SP3220EEY-L	Sipex Corporation	Pb-Free	MAX3221EIPW		S	TSSOP	16
SP3220EEY-L/TR	Sipex Corporation	Pb-Free	MAX3221EIPWR		S	TSSOP	16
SP3220EUCA	Sipex Corporation		SN75C3221EDBR		S	SSOP	16
SP3220EUCA/TR	Sipex Corporation		SN75C3221EDBR		S	SSOP	16

SP208ET/TR — SP3220EUCA/TR

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
SP3220EUGA-L	Sipex Corporation	Pb-Free	SN75C3221EDBR		S	SSOP	16
SP3220EUGA-L/TR	Sipex Corporation	Pb-Free	SN75C3221EDBR		S	SSOP	16
SP3220EUCY	Sipex Corporation		SN75C3221EPW		S	TSSOP	16
SP3220EUCY/TR	Sipex Corporation		SN75C3221EPWR		S	TSSOP	16
SP3220EUCY-L	Sipex Corporation	Pb-Free	SN75C3221EPW		S	TSSOP	16
SP3220EUCY-L/TR	Sipex Corporation	Pb-Free	SN75C3221EPWR		S	TSSOP	16
SP3220EUEA	Sipex Corporation		SN65C3221EDB		S	SSOP	16
SP3220EUEA/TR	Sipex Corporation		SN65C3221EDBR		S	SSOP	16
SP3220EUEA-L	Sipex Corporation	Pb-Free	SN65C3221EDB		S	SSOP	16
SP3220EUEA-L/TR	Sipex Corporation	Pb-Free	SN65C3221EDBR		S	SSOP	16
SP3220EUEY	Sipex Corporation		SN65C3221EPW		S	TSSOP	16
SP3220EUEY/TR	Sipex Corporation		SN65C3221EPWR		S	TSSOP	16
SP3220EUEY-L	Sipex Corporation	Pb-Free	SN65C3221EPW		S	TSSOP	16
SP3220EUEY-L/TR	Sipex Corporation	Pb-Free	SN65C3221EPWR		S	TSSOP	16
SP3220UCA	Sipex Corporation	1 Mbps, Discontinued, no Auto-Powerdown	SN75C3221EDB	1 Mbps, Auto-Powerdown, IEC61000 ESD compliant	S	SSOP	16
SP3220UCA/TR	Sipex Corporation	1 Mbps, Discontinued, no Auto-Powerdown	SN75C3221EDBR	1 Mbps, Auto-Powerdown, IEC61000 ESD compliant	S	SSOP	16
SP3220UCA-L	Sipex Corporation	Pb-Free, 1 Mbps, Discontinued, no Auto-Powerdown	SN75C3221EDB	1 Mbps, Auto-Powerdown, IEC61000 ESD compliant	S	SSOP	16
SP3220UCA-L/TR	Sipex Corporation	Pb-Free, 1 Mbps, Discontinued, no Auto-Powerdown	SN75C3221EDBR	1 Mbps, Auto-Powerdown, IEC61000 ESD compliant	S	SSOP	16
SP3220UCY	Sipex Corporation	1 Mbps, Discontinued, no Auto-Powerdown	SN75C3221EPW	1 Mbps, Auto-Powerdown, IEC61000 ESD compliant	S	TSSOP	16
SP3220UCY/TR	Sipex Corporation	1 Mbps, Discontinued, no Auto-Powerdown	SN75C3221EPWR	1 Mbps, Auto-Powerdown, IEC61000 ESD compliant	S	TSSOP	16
SP3220UCY-L	Sipex Corporation	Pb-Free, 1 Mbps, Discontinued, no Auto-Powerdown	SN75C3221EPW	1 Mbps, Auto-Powerdown, IEC61000 ESD compliant	S	TSSOP	16
SP3220UCY-L/TR	Sipex Corporation	Pb-Free, 1 Mbps, Discontinued, no Auto-Powerdown	SN75C3221EPWR	1 Mbps, Auto-Powerdown, IEC61000 ESD compliant	S	TSSOP	16
SP3220UEA	Sipex Corporation	1 Mbps, Discontinued, no Auto-Powerdown	SN65C3221EDB	1 Mbps, Auto-Powerdown, IEC61000 ESD compliant	S	SSOP	16
SP3220UEA/TR	Sipex Corporation	1 Mbps, Discontinued, no Auto-Powerdown	SN65C3221EDBR	1 Mbps, Auto-Powerdown, IEC61000 ESD compliant	S	SSOP	16
SP3220UEA-L	Sipex Corporation	Pb-Free, 1 Mbps, Discontinued, no Auto-Powerdown	SN65C3221EDB	1 Mbps, Auto-Powerdown, IEC61000 ESD compliant	S	SSOP	16
SP3220UEA-L/TR	Sipex Corporation	Pb-Free, 1 Mbps, Discontinued, no Auto-Powerdown	SN65C3221EDBR	1 Mbps, Auto-Powerdown, IEC61000 ESD compliant	S	SSOP	16
SP3220UEY	Sipex Corporation	1 Mbps, Discontinued, no Auto-Powerdown	SN65C3221EPW	1 Mbps, Auto-Powerdown, IEC61000 ESD compliant	S	TSSOP	16
SP3220UEY/TR	Sipex Corporation	1 Mbps, Discontinued, no Auto-Powerdown	SN65C3221EPWR	1 Mbps, Auto-Powerdown, IEC61000 ESD compliant	S	TSSOP	16
SP3220UEY-L	Sipex Corporation	Pb-Free, 1 Mbps, Discontinued, no Auto-Powerdown	SN65C3221EPW	1 Mbps, Auto-Powerdown, IEC61000 ESD compliant	S	TSSOP	16
SP3220UEY-L/TR	Sipex Corporation	Pb-Free, 1 Mbps, Discontinued, no Auto-Powerdown	SN65C3221EPWR	1 Mbps, Auto-Powerdown, IEC61000 ESD compliant	S	TSSOP	16
SP3222BCA-L/TR	Sipex Corporation	Pb-Free, 250 kbps, Discontinued	MAX3222ECDDBR	IEC61000 ESD compliant	S	SSOP	20
SP3222BCT	Sipex Corporation	250 kbps, Discontinued	MAX3222ECDW	IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
SP3222BCT/TR	Sipex Corporation	250 kbps, Discontinued	MAX3222ECDWR	IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
SP3222BCT-L	Sipex Corporation	Pb-Free, 250 kbps, Discontinued	MAX3222ECDW	IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
SP3222BCT-L/TR	Sipex Corporation	Pb-Free, 250 kbps, Discontinued	MAX3222ECDWR	IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
SP3222BCY	Sipex Corporation	250 kbps, Discontinued	MAX3222ECPW	IEC61000 ESD compliant	S	TSSOP	20
SP3222BCY/TR	Sipex Corporation	250 kbps, Discontinued	MAX3222ECPWR	IEC61000 ESD compliant	S	TSSOP	20
SP3222BCY-L	Sipex Corporation	Pb-Free, 250 kbps, Discontinued	MAX3222ECPW	IEC61000 ESD compliant	S	TSSOP	20
SP3222BCY-L/TR	Sipex Corporation	Pb-Free, 250 kbps, Discontinued	MAX3222ECPWR	IEC61000 ESD compliant	S	TSSOP	20
SP3222BEA	Sipex Corporation	250 kbps, Discontinued	MAX3222EIDB	IEC61000 ESD compliant	S	SSOP	20
SP3222BEA/TR	Sipex Corporation	250 kbps, Discontinued	MAX3222EIDBR	IEC61000 ESD compliant	S	SSOP	20
SP3222BEA-L	Sipex Corporation	Pb-Free, 250 kbps, Discontinued	MAX3222EIDB	IEC61000 ESD compliant	S	SSOP	20
SP3222BEA-L/TR	Sipex Corporation	Pb-Free, 250 kbps, Discontinued	MAX3222EIDBR	IEC61000 ESD compliant	S	SSOP	20
SP3222BET	Sipex Corporation	250 kbps, Discontinued	MAX3222EIDW	IEC61000 ESD compliant	P	SOIC	18

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
SP3222BET/TR	Sipex Corporation	250 kbps, Discontinued	MAX3222EIDWR	IEC61000 ESD compliant	P	SOIC	18
SP3222BET-L	Sipex Corporation	Pb-Free, 250 kbps, Discontinued	MAX3222EIDW	IEC61000 ESD compliant	P	SOIC	18
SP3222BET-L/TR	Sipex Corporation	Pb-Free, 250 kbps, Discontinued	MAX3222EIDWR	IEC61000 ESD compliant	P	SOIC	18
SP3222BEY	Sipex Corporation	250 kbps, Discontinued	MAX3222EIPW	IEC61000 ESD compliant	S	TSSOP	20
SP3222BEY/TR	Sipex Corporation	250 kbps, Discontinued	MAX3222EIPWR	IEC61000 ESD compliant	S	TSSOP	20
SP3222BEY-L	Sipex Corporation	Pb-Free, 250 kbps, Discontinued	MAX3222EIPW	IEC61000 ESD compliant	S	TSSOP	20
SP3222BEY-L/TR	Sipex Corporation	Pb-Free, 250 kbps, Discontinued	MAX3222EIPWR	IEC61000 ESD compliant	S	TSSOP	20
SP3222CA/TR	Sipex Corporation	120 kbps, Discontinued	MAX3222ECDBR	IEC61000 ESD compliant, 250 kbps	S	SSOP	20
SP3222CA-L	Sipex Corporation	Pb-Free, 120 kbps, Discontinued	MAX3222ECDB	IEC61000 ESD compliant, 250 kbps	S	SSOP	20
SP3222CA-L/TR	Sipex Corporation	Pb-Free, 120 kbps, Discontinued	MAX3222ECDBR	IEC61000 ESD compliant, 250 kbps	S	SSOP	20
SP3222CT	Sipex Corporation	120 kbps, Discontinued	MAX3222ECDW	IEC61000 ESD compliant, 250 kbps, 20 pin not 18 pin package	P	SOIC	18
SP3222CT/TR	Sipex Corporation	120 kbps, Discontinued	MAX3222ECDWR	IEC61000 ESD compliant, 250 kbps, 20 pin not 18 pin package	P	SOIC	18
SP3222CT-L	Sipex Corporation	Pb-Free, 120 kbps, Discontinued	MAX3222ECDW	IEC61000 ESD compliant, 250 kbps, 20 pin not 18 pin package	P	SOIC	18
SP3222CT-L/TR	Sipex Corporation	Pb-Free, 120 kbps, Discontinued	MAX3222ECDWR	IEC61000 ESD compliant, 250 kbps, 20 pin not 18 pin package	P	SOIC	18
SP3222CY	Sipex Corporation	120 kbps, Discontinued	MAX3222ECPW	IEC61000 ESD compliant, 250 kbps	S	TSSOP	20
SP3222CY/TR	Sipex Corporation	120 kbps, Discontinued	MAX3222ECPWR	IEC61000 ESD compliant, 250 kbps	S	TSSOP	20
SP3222CY-L	Sipex Corporation	Pb-Free, 120 kbps, Discontinued	MAX3222ECPW	IEC61000 ESD compliant, 250 kbps	S	TSSOP	20
SP3222CY-L/TR	Sipex Corporation	Pb-Free, 120 kbps, Discontinued	MAX3222ECPWR	IEC61000 ESD compliant, 250 kbps	S	TSSOP	20
SP3222E	Sipex Corporation	120 kbps, Unknown availability	MAX3222EIDB	IEC61000 ESD compliant, 250 kbps	S	SSOP	20
SP3222E/TR	Sipex Corporation	120 kbps, Unknown availability	MAX3222EIDBR	IEC61000 ESD compliant, 250 kbps	S	SSOP	20
SP3222EBCA	Sipex Corporation	250 kbps	MAX3222ECDB		S	SSOP	20
SP3222EBCA/TR	Sipex Corporation	250 kbps	MAX3222ECDBR		S	SSOP	20
SP3222EBCA-L	Sipex Corporation	Pb-Free, 250 kbps	MAX3222ECDB		S	SSOP	20
SP3222EBCA-L/TR	Sipex Corporation	Pb-Free, 250 kbps	MAX3222ECDBR		S	SSOP	20
SP3222EBCT	Sipex Corporation	250 kbps	MAX3222ECDW	20 pin not 18 pin package	P	SOIC	18
SP3222EBCT/TR	Sipex Corporation	250 kbps	MAX3222ECDWR	20 pin not 18 pin package	P	SOIC	18
SP3222EBCT-L	Sipex Corporation	Pb-Free, 250 kbps	MAX3222ECDW	20 pin not 18 pin package	P	SOIC	18
SP3222EBCT-L/TR	Sipex Corporation	Pb-Free, 250 kbps	MAX3222ECDWR	20 pin not 18 pin package	P	SOIC	18
SP3222EBCY	Sipex Corporation	250 kbps	MAX3222ECPW		S	TSSOP	20
SP3222EBCY/TR	Sipex Corporation	250 kbps	MAX3222ECPWR		S	TSSOP	20
SP3222EBCY-L	Sipex Corporation	Pb-Free, 250 kbps	MAX3222ECPW		S	TSSOP	20
SP3222EBCY-L/TR	Sipex Corporation	Pb-Free, 250 kbps	MAX3222ECPWR		S	TSSOP	20
SP3222EBEA	Sipex Corporation	250 kbps	MAX3222EIDB		S	SSOP	20
SP3222EBEA/TR	Sipex Corporation	250 kbps	MAX3222EIDBR		S	SSOP	20
SP3222EBEA-L	Sipex Corporation	Pb-Free, 250 kbps	MAX3222EIDB		S	SSOP	20
SP3222EBEA-L/TR	Sipex Corporation	Pb-Free, 250 kbps	MAX3222EIDBR		S	SSOP	20
SP3222EBET	Sipex Corporation	250 kbps	MAX3222EIDW	20 pin not 18 pin package	P	SOIC	18
SP3222EBET/TR	Sipex Corporation	250 kbps	MAX3222EIDWR	20 pin not 18 pin package	P	SOIC	18
SP3222EBET-L	Sipex Corporation	Pb-Free, 250 kbps	MAX3222EIDW	20 pin not 18 pin package	P	SOIC	18
SP3222EBET-L/TR	Sipex Corporation	Pb-Free, 250 kbps	MAX3222EIDWR	20 pin not 18 pin package	P	SOIC	18
SP3222EBEY	Sipex Corporation	250 kbps	MAX3222EIPW		S	TSSOP	20
SP3222EBEY/TR	Sipex Corporation	250 kbps	MAX3222EIPWR		S	TSSOP	20
SP3222EBEY-L	Sipex Corporation	Pb-Free, 250 kbps	MAX3222EIPW		S	TSSOP	20
SP3222EBEY-L/TR	Sipex Corporation	Pb-Free, 250 kbps	MAX3222EIPWR		S	TSSOP	20
SP3222ECA	Sipex Corporation	120 kbps	MAX3222ECDB	250 kbps	S	SSOP	20
SP3222ECA/TR	Sipex Corporation	120 kbps	MAX3222ECDBR	250 kbps	S	SSOP	20
SP3222ECA-L	Sipex Corporation	Pb-Free, 120 kbps	MAX3222ECDB	250 kbps	S	SSOP	20
SP3222ECA-L/TR	Sipex Corporation	Pb-Free, 120 kbps	MAX3222ECDBR	250 kbps	S	SSOP	20
SP3222ECT	Sipex Corporation	120 kbps	MAX3222ECDW	250 kbps, 20 pin not 18 pin package	P	SOIC	18
SP3222ECT/TR	Sipex Corporation	120 kbps	MAX3222ECDWR	250 kbps, 20 pin not 18 pin package	P	SOIC	18
SP3222ECT-L	Sipex Corporation	Pb-Free, 120 kbps	MAX3222ECDW	250 kbps, 20 pin not 18 pin package	P	SOIC	18
SP3222ECT-L/TR	Sipex Corporation	Pb-Free, 120 kbps	MAX3222ECDWR	250 kbps, 20 pin not 18 pin package	P	SOIC	18
SP3222ECY	Sipex Corporation	120 kbps	MAX3222ECPW	250 kbps	S	TSSOP	20
SP3222ECY/TR	Sipex Corporation	120 kbps	MAX3222ECPWR	250 kbps	S	TSSOP	20
SP3222ECY-L	Sipex Corporation	Pb-Free, 120 kbps	MAX3222ECPW	250 kbps	S	TSSOP	20
SP3222ECY-L/TR	Sipex Corporation	Pb-Free, 120 kbps	MAX3222ECPWR	250 kbps	S	TSSOP	20
SP3222EEA	Sipex Corporation	120 kbps	MAX3222EIDB	250 kbps	S	SSOP	20
SP3222EEA/TR	Sipex Corporation	120 kbps	MAX3222EIDBR	250 kbps	S	SSOP	20
SP3222EEA-L	Sipex Corporation	Pb-Free, 120 kbps	MAX3222EIDB	250 kbps	S	SSOP	20
SP3222EEA-L/TR	Sipex Corporation	Pb-Free, 120 kbps	MAX3222EIDBR	250 kbps	S	SSOP	20

SP3222BET/TR — SP3222EEA-L/TR

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
SP3222HCT/TR	Sipex Corporation	460 kbps, Discontinued	SN75C3222EDWR	1 Mbps, IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
SP3222HCT-L	Sipex Corporation	Pb-Free, 460 kbps, Discontinued	SN75C3222EDW	1 Mbps, IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
SP3222HCT-L/TR	Sipex Corporation	Pb-Free, 460 kbps, Discontinued	SN75C3222EDWR	1 Mbps, IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
SP3222HCY	Sipex Corporation	460 kbps, Discontinued	SN75C3222EPW	1 Mbps, IEC61000 ESD compliant	S	TSSOP	20
SP3222HCY/TR	Sipex Corporation	460 kbps, Discontinued	SN75C3222EPWR	1 Mbps, IEC61000 ESD compliant	S	TSSOP	20
SP3222HCY-L	Sipex Corporation	Pb-Free, 460 kbps, Discontinued	SN75C3222EPW	1 Mbps, IEC61000 ESD compliant	S	TSSOP	20
SP3222HCY-L/TR	Sipex Corporation	Pb-Free, 460 kbps, Discontinued	SN75C3222EPWR	1 Mbps, IEC61000 ESD compliant	S	TSSOP	20
SP3222HEA	Sipex Corporation	460 kbps, Discontinued	SN65C3222EDB	1 Mbps, IEC61000 ESD compliant	S	SSOP	20
SP3222HEA/TR	Sipex Corporation	460 kbps, Discontinued	SN65C3222EDBR	1 Mbps, IEC61000 ESD compliant	S	SSOP	20
SP3222HET	Sipex Corporation	460 kbps, Discontinued	SN65C3222EDW	1 Mbps, IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
SP3222HET/TR	Sipex Corporation	460 kbps, Discontinued	SN65C3222EDWR	1 Mbps, IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
SP3222HEY	Sipex Corporation	460 kbps, Discontinued	SN65C3222EPW	1 Mbps, IEC61000 ESD compliant	S	TSSOP	20
SP3222HEY/TR	Sipex Corporation	460 kbps, Discontinued	SN65C3222EPWR	1 Mbps, IEC61000 ESD compliant	S	TSSOP	20
SP3222HEY-L	Sipex Corporation	Pb-Free, 460 kbps, Discontinued	SN65C3222EPW	1 Mbps, IEC61000 ESD compliant	S	TSSOP	20
SP3222HEY-L/TR	Sipex Corporation	Pb-Free, 460 kbps, Discontinued	SN65C3222EPWR	1 Mbps, IEC61000 ESD compliant	S	TSSOP	20
SP3222UCA	Sipex Corporation	460 kbps, Discontinued	MAX3222ECDDB	IEC61000 ESD compliant	S	SSOP	20
SP3222UCA/TR	Sipex Corporation	460 kbps, Discontinued	MAX3222ECDBR	IEC61000 ESD compliant	S	SSOP	20
SP3222UCT	Sipex Corporation	460 kbps, Discontinued	SN75C3222EDW	IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
SP3222UCT/TR	Sipex Corporation	460 kbps, Discontinued	SN75C3222EDWR	IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
SP3222UCY	Sipex Corporation	460 kbps, Discontinued	MAX3222ECPW	IEC61000 ESD compliant	S	TSSOP	20
SP3222UCY/TR	Sipex Corporation	460 kbps, Discontinued	MAX3222ECPWR	IEC61000 ESD compliant	S	TSSOP	20
SP3222UCY-L	Sipex Corporation	Pb-Free, 460 kbps, Discontinued	MAX3222ECPW	IEC61000 ESD compliant	S	TSSOP	20
SP3222UCY-L/TR	Sipex Corporation	Pb-Free, 460 kbps, Discontinued	MAX3222ECPWR	IEC61000 ESD compliant	S	TSSOP	20
SP3222UEA	Sipex Corporation	460 kbps, Discontinued	MAX3222EIDB	IEC61000 ESD compliant	S	SSOP	20
SP3222UEA/TR	Sipex Corporation	460 kbps, Discontinued	MAX3222EIDBR	IEC61000 ESD compliant	S	SSOP	20
SP3222UET	Sipex Corporation	460 kbps, Discontinued	MAX3222EIDW	IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
SP3222UET/TR	Sipex Corporation	460 kbps, Discontinued	MAX3222EIDWR	IEC61000 ESD compliant, 20 pin not 18 pin package	P	SOIC	18
SP3222UEY	Sipex Corporation	460 kbps, Discontinued	MAX3222EIPW	IEC61000 ESD compliant	S	TSSOP	20
SP3222UEY/TR	Sipex Corporation	460 kbps, Discontinued	MAX3222EIPWR	IEC61000 ESD compliant	S	TSSOP	20
SP3222UEY-L	Sipex Corporation	Pb-Free, 460 kbps, Discontinued	MAX3222EIPW	IEC61000 ESD compliant	S	TSSOP	20
SP3222UEY-L/TR	Sipex Corporation	Pb-Free, 460 kbps, Discontinued	MAX3222EIPWR	IEC61000 ESD compliant	S	TSSOP	20
SP3223CA	Sipex Corporation	Discontinued, 120 kbps	MAX3223ECDDB	250 kbps, IEC61000 ESD compliant	S	SSOP	20
SP3223CA/TR	Sipex Corporation	Discontinued, 120 kbps	MAX3223ECDBR	250 kbps, IEC61000 ESD compliant	S	SSOP	20
SP3223CA-L	Sipex Corporation	Pb-Free, Discontinued, 120 kbps	MAX3223ECDDB	250 kbps, IEC61000 ESD compliant	S	SSOP	20
SP3223CA-L/TR	Sipex Corporation	Pb-Free, Discontinued, 120 kbps	MAX3223ECDBR	250 kbps, IEC61000 ESD compliant	S	SSOP	20
SP3223CY	Sipex Corporation	Discontinued, 120 kbps	MAX3223ECPW	250 kbps, IEC61000 ESD compliant	S	TSSOP	20
SP3223CY/TR	Sipex Corporation	Discontinued, 120 kbps	MAX3223ECPWR	250 kbps, IEC61000 ESD compliant	S	TSSOP	20
SP3223CY-L	Sipex Corporation	Pb-Free, Discontinued, 120 kbps	MAX3223ECPW	250 kbps, IEC61000 ESD compliant	S	TSSOP	20
SP3223CY-L/TR	Sipex Corporation	Pb-Free, Discontinued, 120 kbps	MAX3223ECPWR	250 kbps, IEC61000 ESD compliant	S	TSSOP	20
SP3223EA	Sipex Corporation	Discontinued, 120 kbps	MAX3223EIDB	250 kbps, IEC61000 ESD compliant	S	SSOP	20
SP3223EA/TR	Sipex Corporation	Discontinued, 120 kbps	MAX3223EIDBR	250 kbps, IEC61000 ESD compliant	S	SSOP	20
SP3223EA-L	Sipex Corporation	Pb-Free, Discontinued, 120 kbps	MAX3223EIDB	250 kbps, IEC61000 ESD compliant	S	SSOP	20
SP3223EA-L/TR	Sipex Corporation	Pb-Free, Discontinued, 120 kbps	MAX3223EIDBR	250 kbps, IEC61000 ESD compliant	S	SSOP	20
SP3223EBCA	Sipex Corporation	250 kbps	MAX3223ECDDB	250 kbps	S	SSOP	20
SP3223EBCA/TR	Sipex Corporation	250 kbps	MAX3223ECDBR	250 kbps	S	SSOP	20
SP3223EBCA-L	Sipex Corporation	Pb-Free, 250 kbps	MAX3223ECDDB	250 kbps	S	SSOP	20
SP3223EBCA-L/TR	Sipex Corporation	Pb-Free, 250 kbps	MAX3223ECDBR	250 kbps	S	SSOP	20
SP3223EBCY	Sipex Corporation	250 kbps	MAX3223ECPW	250 kbps	S	TSSOP	20
SP3223EBCY/TR	Sipex Corporation	250 kbps	MAX3223ECPWR	250 kbps	S	TSSOP	20
SP3223EBCY-L	Sipex Corporation	Pb-Free, 250 kbps	MAX3223ECPW	250 kbps	S	TSSOP	20
SP3223EBCY-L/TR	Sipex Corporation	Pb-Free, 250 kbps	MAX3223ECPWR	250 kbps	S	TSSOP	20
SP3223EBEA	Sipex Corporation	250 kbps	MAX3223EIDB	250 kbps	S	SSOP	20
SP3223EBEA/TR	Sipex Corporation	250 kbps	MAX3223EIDBR	250 kbps	S	SSOP	20
SP3223EBEA-L	Sipex Corporation	Pb-Free, 250 kbps	MAX3223EIDB	250 kbps	S	SSOP	20
SP3223EBEA-L/TR	Sipex Corporation	Pb-Free, 250 kbps	MAX3223EIDBR	250 kbps	S	SSOP	20

SP322HCT/TR — SP3223EBEA-L/TR

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
SP3223EBEY	Sipex Corporation	250 kbps	MAX3223EIPW	250 kbps	S	TSSOP	20
SP3223EBEY/TR	Sipex Corporation	250 kbps	MAX3223EIPWR	250 kbps	S	TSSOP	20
SP3223EBEY-L	Sipex Corporation	Pb-Free, 250 kbps	MAX3223EIPW	250 kbps	S	TSSOP	20
SP3223EBEY-L/TR	Sipex Corporation	Pb-Free, 250 kbps	MAX3223EIPWR	250 kbps	S	TSSOP	20
SP3223ECA	Sipex Corporation	120 kbps	MAX3223ECDB		S	SSOP	20
SP3223ECA/TR	Sipex Corporation	120 kbps	MAX3223ECDBR		S	SSOP	20
SP3223ECA-L	Sipex Corporation	Pb-Free, 120 kbps	MAX3223ECDB		S	SSOP	20
SP3223ECA-L/TR	Sipex Corporation	Pb-Free, 120 kbps	MAX3223ECDBR		S	SSOP	20
SP3223ECY	Sipex Corporation	120 kbps	MAX3223ECPW		S	TSSOP	20
SP3223ECY/TR	Sipex Corporation	120 kbps	MAX3223ECPWR		S	TSSOP	20
SP3223ECY-L	Sipex Corporation	Pb-Free, 120 kbps	MAX3223ECPW		S	TSSOP	20
SP3223ECY-L/TR	Sipex Corporation	Pb-Free, 120 kbps	MAX3223ECPWR		S	TSSOP	20
SP3223EEA	Sipex Corporation	120 kbps	MAX3223EIDB		S	SSOP	20
SP3223EEA/TR	Sipex Corporation	120 kbps	MAX3223EIDBR		S	SSOP	20
SP3223EEA-L	Sipex Corporation	Pb-Free, 120 kbps	MAX3223EIDB		S	SSOP	20
SP3223EEA-L/TR	Sipex Corporation	Pb-Free, 120 kbps	MAX3223EIDBR		S	SSOP	20
SP3223EEY	Sipex Corporation	120 kbps	MAX3223EIPW		S	TSSOP	20
SP3223EEY/TR	Sipex Corporation	120 kbps	MAX3223EIPWR		S	TSSOP	20
SP3223EEY-L	Sipex Corporation	Pb-Free, 120 kbps	MAX3223EIPW		S	TSSOP	20
SP3223EEY-L/TR	Sipex Corporation	Pb-Free, 120 kbps	MAX3223EIPWR		S	TSSOP	20
SP3223EHCA	Sipex Corporation	400 kbps, unknown availability	SN75C3223EDB	1 Mbps	S	SSOP	20
SP3223EHCA/TR	Sipex Corporation	400 kbps, unknown availability	SN75C3223EDBR	1 Mbps	S	SSOP	20
SP3223EHCA-L	Sipex Corporation	Pb-Free, 400 kbps, unknown availability	SN75C3223EDB	1 Mbps	S	SSOP	20
SP3223EHCA-L/TR	Sipex Corporation	Pb-Free, 400 kbps, unknown availability	SN75C3223EDBR	1 Mbps	S	SSOP	20
SP3223EHCY	Sipex Corporation	400 kbps, unknown availability	SN75C3223EPW	1 Mbps	S	TSSOP	20
SP3223EHCY/TR	Sipex Corporation	400 kbps, unknown availability	SN75C3223EPWR	1 Mbps	S	TSSOP	20
SP3223EHCY-L	Sipex Corporation	Pb-Free, 400 kbps, unknown availability	SN75C3223EPW	1 Mbps	S	TSSOP	20
SP3223EHCY-L/TR	Sipex Corporation	Pb-Free, 400 kbps, unknown availability	SN75C3223EPWR	1 Mbps	S	TSSOP	20
SP3223EHEA	Sipex Corporation	400 kbps, unknown availability	SN65C3223EDB	1 Mbps	S	SSOP	20
SP3223EHEA/TR	Sipex Corporation	400 kbps, unknown availability	SN65C3223EDBR	1 Mbps	S	SSOP	20
SP3223EHEA-L	Sipex Corporation	Pb-Free, 400 kbps, unknown availability	SN65C3223EDB	1 Mbps	S	SSOP	20
SP3223EHEA-L/TR	Sipex Corporation	Pb-Free, 400 kbps, unknown availability	SN65C3223EDBR	1 Mbps	S	SSOP	20
SP3223EHEY	Sipex Corporation	400 kbps, unknown availability	SN65C3223EPW	1 Mbps	S	TSSOP	20
SP3223EHEY/TR	Sipex Corporation	400 kbps, unknown availability	SN65C3223EPWR	1 Mbps	S	TSSOP	20
SP3223EHEY-L	Sipex Corporation	Pb-Free, 400 kbps, unknown availability	SN65C3223EPW	1 Mbps	S	TSSOP	20
SP3223EHEY-L/TR	Sipex Corporation	Pb-Free, 400 kbps, unknown availability	SN65C3223EPWR	1 Mbps	S	TSSOP	20
SP3223EUCA	Sipex Corporation		SN75C3223EDB		S	SSOP	20
SP3223EUCA/TR	Sipex Corporation		SN75C3223EDBR		S	SSOP	20
SP3223EUCA-L	Sipex Corporation	Pb-Free	SN75C3223EDB		S	SSOP	20
SP3223EUCA-L/TR	Sipex Corporation	Pb-Free	SN75C3223EDBR		S	SSOP	20
SP3223EUCY	Sipex Corporation		SN75C3223EPW		S	TSSOP	20
SP3223EUCY/TR	Sipex Corporation		SN75C3223EPWR		S	TSSOP	20
SP3223EUCY-L	Sipex Corporation	Pb-Free	SN75C3223EPW		S	TSSOP	20
SP3223EUCY-L/TR	Sipex Corporation	Pb-Free	SN75C3223EPWR		S	TSSOP	20
SP3223EUEA	Sipex Corporation	Unknown availability	SN65C3223EDB		S	SSOP	20
SP3223EUEA/TR	Sipex Corporation	Unknown availability	SN65C3223EDBR		S	SSOP	20
SP3223EUEA-L	Sipex Corporation	Pb-Free, Unknown availability	SN65C3223EDB		S	SSOP	20
SP3223EUEA-L/TR	Sipex Corporation	Pb-Free, Unknown availability	SN65C3223EDBR		S	SSOP	20
SP3223EUEY	Sipex Corporation	Unknown availability	SN65C3223EPW		S	TSSOP	20
SP3223EUEY/TR	Sipex Corporation	Unknown availability	SN65C3223EPWR		S	TSSOP	20
SP3223EUEY-L	Sipex Corporation	Pb-Free, Unknown availability	SN65C3223EPW		S	TSSOP	20
SP3223EUEY-L/TR	Sipex Corporation	Pb-Free, Unknown availability	SN65C3223EPWR		S	TSSOP	20
SP3223EY	Sipex Corporation	Discontinued, 120 kbps	MAX3223EIPW	250 kbps, IEC61000 ESD compliant	S	TSSOP	20
SP3223EY/TR	Sipex Corporation	Discontinued, 120 kbps	MAX3223EIPWR	250 kbps, IEC61000 ESD compliant	S	TSSOP	20
SP3223EY-L	Sipex Corporation	Pb-Free, Discontinued, 120 kbps	MAX3223EIPW	250 kbps, IEC61000 ESD compliant	S	TSSOP	20
SP3223EY-L/TR	Sipex Corporation	Pb-Free, Discontinued, 120 kbps	MAX3223EIPWR	250 kbps, IEC61000 ESD compliant	S	TSSOP	20
SP3223HCA	Sipex Corporation	Discontinued, 400 kbps	SN75C3223EDB	1 Mbps, IEC61000 ESD compliant	S	SSOP	20
SP3223HCA/TR	Sipex Corporation	Discontinued, 400 kbps	SN75C3223EDBR	1 Mbps, IEC61000 ESD compliant	S	SSOP	20
SP3223HCA-L	Sipex Corporation	Pb-Free, Discontinued, 400 kbps	SN75C3223EDB	1 Mbps, IEC61000 ESD compliant	S	SSOP	20
SP3223HCA-L/TR	Sipex Corporation	Pb-Free, Discontinued, 400 kbps	SN75C3223EDBR	1 Mbps, IEC61000 ESD compliant	S	SSOP	20
SP3223HCY	Sipex Corporation	Discontinued, 400 kbps	SN75C3223EPW	1 Mbps, IEC61000 ESD compliant	S	TSSOP	20
SP3223HCY/TR	Sipex Corporation	Discontinued, 400 kbps	SN75C3223EPWR	1 Mbps, IEC61000 ESD compliant	S	TSSOP	20
SP3223HCY-L	Sipex Corporation	Pb-Free, Discontinued, 400 kbps	SN75C3223EPW	1 Mbps, IEC61000 ESD compliant	S	TSSOP	20
SP3223HCY-L/TR	Sipex Corporation	Pb-Free, Discontinued, 400 kbps	SN75C3223EPWR	1 Mbps, IEC61000 ESD compliant	S	TSSOP	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
SP3223HEA	Sipex Corporation	Discontinued, 400 kbps	SN65C3223EDB	1 Mbps, IEC61000 ESD compliant	S	SSOP	20
SP3223HEA/TR	Sipex Corporation	Discontinued, 400 kbps	SN65C3223EDBR	1 Mbps, IEC61000 ESD compliant	S	SSOP	20
SP3223HEY	Sipex Corporation	Discontinued, 400 kbps	SN65C3223EPW	1 Mbps, IEC61000 ESD compliant	S	TSSOP	20
SP3223HEY/TR	Sipex Corporation	Discontinued, 400 kbps	SN65C3223EPWR	1 Mbps, IEC61000 ESD compliant	S	TSSOP	20
SP3223UCA	Sipex Corporation	Discontinued	SN75C3223EDB	IEC61000 ESD compliant	S	SSOP	20
SP3223UCA/TR	Sipex Corporation	Discontinued	SN75C3223EDBR	IEC61000 ESD compliant	S	SSOP	20
SP3223UCA-L	Sipex Corporation	Pb-Free, Discontinued	SN75C3223EDB	IEC61000 ESD compliant	S	SSOP	20
SP3223UCA-L/TR	Sipex Corporation	Pb-Free, Discontinued	SN75C3223EDBR	IEC61000 ESD compliant	S	SSOP	20
SP3223UCY	Sipex Corporation	Discontinued	SN75C3223EPW	IEC61000 ESD compliant	S	TSSOP	20
SP3223UCY/TR	Sipex Corporation	Discontinued	SN75C3223EPWR	IEC61000 ESD compliant	S	TSSOP	20
SP3223UCY-L	Sipex Corporation	Pb-Free, Discontinued	SN75C3223EPW	IEC61000 ESD compliant	S	TSSOP	20
SP3223UCY-L/TR	Sipex Corporation	Pb-Free, Discontinued	SN75C3223EPWR	IEC61000 ESD compliant	S	TSSOP	20
SP3223UEA	Sipex Corporation	Discontinued	SN65C3223EDB	IEC61000 ESD compliant	S	SSOP	20
SP3223UEA/TR	Sipex Corporation	Discontinued	SN65C3223EDBR	IEC61000 ESD compliant	S	SSOP	20
SP3223UEA-L	Sipex Corporation	Pb-Free, Discontinued	SN65C3223EDB	IEC61000 ESD compliant	S	SSOP	20
SP3223UEA-L/TR	Sipex Corporation	Pb-Free, Discontinued	SN65C3223EDBR	IEC61000 ESD compliant	S	SSOP	20
SP3223UEY	Sipex Corporation	Discontinued	SN65C3223EPW	IEC61000 ESD compliant	S	TSSOP	20
SP3223UEY/TR	Sipex Corporation	Discontinued	SN65C3223EPWR	IEC61000 ESD compliant	S	TSSOP	20
SP3223UEY-L	Sipex Corporation	Pb-Free, Discontinued	SN65C3223EPW	IEC61000 ESD compliant	S	TSSOP	20
SP3223UEY-L/TR	Sipex Corporation	Pb-Free, Discontinued	SN65C3223EPWR	IEC61000 ESD compliant	S	TSSOP	20
SP3232ECA	Sipex Corporation	120 kbps	MAX3232ECD	250 kbps	S	SSOP	16
SP3232ECA/TR	Sipex Corporation	120 kbps	MAX3232ECDDB	250 kbps	S	SSOP	16
SP3232ECN	Sipex Corporation	120 kbps	MAX3232ECD	250 kbps	S	SOIC	16
SP3232ECN/TR	Sipex Corporation	120 kbps	MAX3232EIDR	250 kbps	S	SOIC	16
SP3232ECT	Sipex Corporation	120 kbps	MAX3232ECDW	250 kbps	S	SOIC	16
SP3232ECT/TR	Sipex Corporation	120 kbps	MAX3232EIDWR	250 kbps	S	SOIC	16
SP3232ECY	Sipex Corporation	120 kbps	MAX3232ECPW	250 kbps	S	TSSOP	16
SP3232ECY/TR	Sipex Corporation	120 kbps	MAX3232EIPWR	250 kbps	S	TSSOP	16
SP3232EEA	Sipex Corporation	120 kbps	MAX3232ECD	250 kbps	S	SSOP	16
SP3232EEA/TR	Sipex Corporation	120 kbps	MAX3232EIDBR	250 kbps	S	SSOP	16
SP3232EEN	Sipex Corporation	120 kbps	MAX3232ECD	250 kbps	S	SOIC	16
SP3232EEN/TR	Sipex Corporation	120 kbps	MAX3232EIDR	250 kbps	S	SOIC	16
SP3232EET	Sipex Corporation	120 kbps	MAX3232ECDW	250 kbps	S	SOIC	16
SP3232EET/TR	Sipex Corporation	120 kbps	MAX3232EIDWR	250 kbps	S	SOIC	16
SP3232EEY	Sipex Corporation	120 kbps	MAX3232ECPW	250 kbps	S	TSSOP	16
SP3232EEY/TR	Sipex Corporation	120 kbps	MAX3232EIPWR	250 kbps	S	TSSOP	16
SP3238CA	Sipex Corporation	Discontinued	MAX3238ECD		S	SSOP	28
SP3238CA/TR	Sipex Corporation	Discontinued	MAX3238ECDDB		S	SSOP	28
SP3238CA-L	Sipex Corporation	Pb-Free, Discontinued	MAX3238ECD		S	SSOP	28
SP3238CA-L/TR	Sipex Corporation	Pb-Free, Discontinued	MAX3238ECDDB		S	SSOP	28
SP3238CY	Sipex Corporation	Discontinued	MAX3238ECPW		S	TSSOP	28
SP3238CY/TR	Sipex Corporation	Discontinued	MAX3238ECPWR		S	TSSOP	28
SP3238CY-L	Sipex Corporation	Pb-Free, Discontinued	MAX3238ECPW		S	TSSOP	28
SP3238CY-L/TR	Sipex Corporation	Pb-Free, Discontinued	MAX3238ECPWR		S	TSSOP	28
SP3238EA	Sipex Corporation	Discontinued	MAX3238EIDB		S	SSOP	28
SP3238EA/TR	Sipex Corporation	Discontinued	MAX3238EIDBR		S	SSOP	28
SP3238EA-L	Sipex Corporation	Pb-Free, Discontinued	MAX3238EIDB		S	SSOP	28
SP3238EA-L/TR	Sipex Corporation	Pb-Free, Discontinued	MAX3238EIDBR		S	SSOP	28
SP3238ECA	Sipex Corporation		MAX3238ECD		S	SSOP	28
SP3238ECA/TR	Sipex Corporation		MAX3238ECDDB		S	SSOP	28
SP3238ECA-L	Sipex Corporation	Pb-Free	MAX3238ECD		S	SSOP	28
SP3238ECA-L/TR	Sipex Corporation	Pb-Free	MAX3238ECDDB		S	SSOP	28
SP3238ECY	Sipex Corporation		MAX3238ECPW		S	TSSOP	28
SP3238ECY/TR	Sipex Corporation		MAX3238ECPWR		S	TSSOP	28
SP3238ECY-L	Sipex Corporation	Pb-Free	MAX3238ECPW		S	TSSOP	28
SP3238ECY-L/TR	Sipex Corporation	Pb-Free	MAX3238ECPWR		S	TSSOP	28
SP3238EEA	Sipex Corporation		MAX3238EIDB		S	SSOP	28
SP3238EEA/TR	Sipex Corporation		MAX3238EIDBR		S	SSOP	28
SP3238EEA-L	Sipex Corporation	Pb-Free	MAX3238EIDB		S	SSOP	28
SP3238EEA-L/TR	Sipex Corporation	Pb-Free	MAX3238EIDBR		S	SSOP	28
SP3238EECA	Sipex Corporation	Discontinued, upgrade to SP3238ECA	MAX3238ECD		S	SSOP	28
SP3238EECA/TR	Sipex Corporation	Discontinued, upgrade to SP3238ECA/TR	MAX3238ECDDB		S	SSOP	28
SP3238EECA-L	Sipex Corporation	Pb-Free, Discontinued, upgrade to SP3238ECA-L	MAX3238ECD		S	SSOP	28

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
SP3238EECA-L/TR	Sipex Corporation	Pb-Free, Discontinued, upgrade to SP3238EECA-L/TR	MAX3238ECDBR		S	SSOP	28
SP3238EECY	Sipex Corporation	Discontinued, upgrade to SP3238EECY	MAX3238ECPW		S	TSSOP	28
SP3238EECY/TR	Sipex Corporation	Discontinued, upgrade to SP3238EECY/TR	MAX3238ECPWR		S	TSSOP	28
SP3238EECY-L	Sipex Corporation	Pb-Free, Discontinued, upgrade to SP3238EECY-L	MAX3238ECPW		S	TSSOP	28
SP3238EECY-L/TR	Sipex Corporation	Pb-Free, Discontinued, upgrade to SP3238EECY-L/TR	MAX3238ECPWR		S	TSSOP	28
SP3238EEEA	Sipex Corporation	Discontinued, upgrade to SP3238EEEA	MAX3238EIDB		S	SSOP	28
SP3238EEEA/TR	Sipex Corporation	Discontinued, upgrade to SP3238EEEA/TR	MAX3238EIDBR		S	SSOP	28
SP3238EEEA-L	Sipex Corporation	Pb-Free, Discontinued, upgrade to SP3238EEEA-L	MAX3238EIDB		S	SSOP	28
SP3238EEEA-L/TR	Sipex Corporation	Pb-Free, Discontinued, upgrade to SP3238EEEA-L/TR	MAX3238EIDBR		S	SSOP	28
SP3238EEEY	Sipex Corporation	Discontinued, upgrade to SP3238EEY	MAX3238EIPW		S	TSSOP	28
SP3238EEEY/TR	Sipex Corporation	Discontinued, upgrade to SP3238EEY/TR	MAX3238EIPWR		S	TSSOP	28
SP3238EEEY-L	Sipex Corporation	Pb-Free, Discontinued, upgrade to SP3238EEY-L	MAX3238EIPW		S	TSSOP	28
SP3238EEEY-L/TR	Sipex Corporation	Pb-Free, Discontinued, upgrade to SP3238EEY-L/TR	MAX3238EIPWR		S	TSSOP	28
SP3238EEY	Sipex Corporation		MAX3238EIPW		S	TSSOP	28
SP3238EEY/TR	Sipex Corporation		MAX3238EIPWR		S	TSSOP	28
SP3238EEY-L	Sipex Corporation	Pb-Free	MAX3238EIPW		S	TSSOP	28
SP3238EEY-L/TR	Sipex Corporation	Pb-Free	MAX3238EIPWR		S	TSSOP	28
SP3238EY	Sipex Corporation	Discontinued	MAX3238EIPW		S	TSSOP	28
SP3238EY/TR	Sipex Corporation	Discontinued	MAX3238EIPWR		S	TSSOP	28
SP3238EY-L	Sipex Corporation	Pb-Free, Discontinued	MAX3238EIPW		S	TSSOP	28
SP3238EY-L/TR	Sipex Corporation	Pb-Free, Discontinued	MAX3238EIPWR		S	TSSOP	28
SP3243BCA	Sipex Corporation	250 kbps, +/- 2 KV HBM ESD, NRND	MAX3243ECDB	IEC61000 ESD compliant, 500kbps	S	SSOP	28
SP3243BCA/TR	Sipex Corporation	250 kbps, +/- 2 KV HBM ESD, NRND	MAX3243ECDBR	IEC61000 ESD compliant, 500kbps	S	SSOP	28
SP3243BCA-L	Sipex Corporation	250 kbps, +/- 2 KV HBM ESD, NRND, Pb-Free	MAX3243ECDB	IEC61000 ESD compliant, 500kbps	S	SSOP	28
SP3243BCA-L/TR	Sipex Corporation	250 kbps, +/- 2 KV HBM ESD, NRND, Pb-Free	MAX3243ECDBR	IEC61000 ESD compliant, 500kbps	S	SSOP	28
SP3243BCT	Sipex Corporation	250 kbps, +/- 2 KV HBM ESD, NRND	MAX3243ECDW	IEC61000 ESD compliant, 500kbps	S	SOIC	28
SP3243BCT/TR	Sipex Corporation	250 kbps, +/- 2 KV HBM ESD, NRND	MAX3243ECDWR	IEC61000 ESD compliant, 500kbps	S	SOIC	28
SP3243BCT-L	Sipex Corporation	250 kbps, +/- 2 KV HBM ESD, NRND, Pb-Free	MAX3243ECDW	IEC61000 ESD compliant, 500kbps	S	SOIC	28
SP3243BCT-L/TR	Sipex Corporation	250 kbps, +/- 2 KV HBM ESD, NRND, Pb-Free	MAX3243ECDWR	IEC61000 ESD compliant, 500kbps	S	SOIC	28
SP3243BCY	Sipex Corporation	250 kbps, +/- 2 KV HBM ESD, NRND	MAX3243ECPW	IEC61000 ESD compliant, 500kbps	S	TSSOP	28
SP3243BCY/TR	Sipex Corporation	250 kbps, +/- 2 KV HBM ESD, NRND	MAX3243ECPWR	IEC61000 ESD compliant, 500kbps	S	TSSOP	28
SP3243BCY-L	Sipex Corporation	250 kbps, +/- 2 KV HBM ESD, NRND, Pb-Free	MAX3243ECPW	IEC61000 ESD compliant, 500kbps	S	TSSOP	28
SP3243BCY-L/TR	Sipex Corporation	250 kbps, +/- 2 KV HBM ESD, NRND, Pb-Free	MAX3243ECPWR	IEC61000 ESD compliant, 500kbps	S	TSSOP	28
SP3243BEA	Sipex Corporation	250 kbps, +/- 2 KV HBM ESD, NRND	MAX3243EIDB	IEC61000 ESD compliant, 500kbps	S	SSOP	28
SP3243BEA/TR	Sipex Corporation	250 kbps, +/- 2 KV HBM ESD, NRND	MAX3243EIDBR	IEC61000 ESD compliant, 500kbps	S	SSOP	28
SP3243BEA-L	Sipex Corporation	250 kbps, +/- 2 KV HBM ESD, NRND, Pb-Free	MAX3243EIDB	IEC61000 ESD compliant, 500kbps	S	SSOP	28
SP3243BEA-L/TR	Sipex Corporation	250 kbps, +/- 2 KV HBM ESD, NRND, Pb-Free	MAX3243EIDBR	IEC61000 ESD compliant, 500kbps	S	SSOP	28
SP3243BET	Sipex Corporation	250 kbps, +/- 2 KV HBM ESD, NRND	MAX3243EIDW	IEC61000 ESD compliant, 500kbps	S	SOIC	28
SP3243BET/TR	Sipex Corporation	250 kbps, +/- 2 KV HBM ESD, NRND	MAX3243EIDWR	IEC61000 ESD compliant, 500kbps	S	SOIC	28
SP3243BET-L	Sipex Corporation	250 kbps, +/- 2 KV HBM ESD, NRND, Pb-Free	MAX3243EIDW	IEC61000 ESD compliant, 500kbps	S	SOIC	28
SP3243BET-L/TR	Sipex Corporation	250 kbps, +/- 2 KV HBM ESD, NRND, Pb-Free	MAX3243EIDWR	IEC61000 ESD compliant, 500kbps	S	SOIC	28
SP3243BEY	Sipex Corporation	250 kbps, +/- 2 KV HBM ESD, NRND	MAX3243EIPW	IEC61000 ESD compliant, 500kbps	S	TSSOP	28
SP3243BEY/TR	Sipex Corporation	250 kbps, +/- 2 KV HBM ESD, NRND	MAX3243EIPWR	IEC61000 ESD compliant, 500kbps	S	TSSOP	28
SP3243BEY-L	Sipex Corporation	250 kbps, +/- 2 KV HBM ESD, NRND, Pb-Free	MAX3243EIPW	IEC61000 ESD compliant, 500kbps	S	TSSOP	28
SP3243BEY-L/TR	Sipex Corporation	250 kbps, +/- 2 KV HBM ESD, NRND, Pb-Free	MAX3243EIPWR	IEC61000 ESD compliant, 500kbps	S	TSSOP	28
SP3243CA	Sipex Corporation	120 kbps, +/- 2 KV HBM ESD, NRND	MAX3243ECDB	IEC61000 ESD compliant, 500kbps	S	SSOP	28
SP3243CA/TR	Sipex Corporation	120 kbps, +/- 2 KV HBM ESD, NRND	MAX3243ECDBR	IEC61000 ESD compliant, 500kbps	S	SSOP	28
SP3243CA-L	Sipex Corporation	120 kbps, +/- 2 KV HBM ESD, NRND, Pb-Free	MAX3243ECDB	IEC61000 ESD compliant, 500kbps	S	SSOP	28
SP3243CA-L/TR	Sipex Corporation	120 kbps, +/- 2 KV HBM ESD, NRND, Pb-Free	MAX3243ECDBR	IEC61000 ESD compliant, 500kbps	S	SSOP	28
SP3243CT	Sipex Corporation	120 kbps, +/- 2 KV HBM ESD, NRND	MAX3243ECDW	IEC61000 ESD compliant, 500kbps	S	SOIC	28
SP3243CT/TR	Sipex Corporation	120 kbps, +/- 2 KV HBM ESD, NRND	MAX3243ECDWR	IEC61000 ESD compliant, 500kbps	S	SOIC	28
SP3243CT-L	Sipex Corporation	120 kbps, +/- 2 KV HBM ESD, NRND, Pb-Free	MAX3243ECDW	IEC61000 ESD compliant, 500kbps	S	SOIC	28
SP3243CT-L/TR	Sipex Corporation	120 kbps, +/- 2 KV HBM ESD, NRND, Pb-Free	MAX3243ECDWR	IEC61000 ESD compliant, 500kbps	S	SOIC	28
SP3243EA	Sipex Corporation	120 kbps, +/- 2 KV HBM ESD, NRND	MAX3243EIDB	IEC61000 ESD compliant, 500kbps	S	SSOP	28
SP3243EA/TR	Sipex Corporation	120 kbps, +/- 2 KV HBM ESD, NRND	MAX3243EIDBR	IEC61000 ESD compliant, 500kbps	S	SSOP	28
SP3243EA-L	Sipex Corporation	120 kbps, +/- 2 KV HBM ESD, NRND, Pb-Free	MAX3243EIDB	IEC61000 ESD compliant, 500kbps	S	SSOP	28
SP3243EA-L/TR	Sipex Corporation	120 kbps, +/- 2 KV HBM ESD, NRND, Pb-Free	MAX3243EIDBR	IEC61000 ESD compliant, 500kbps	S	SSOP	28

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
SP3243EBCA	Sipex Corporation	250 kbps	MAX3243ECDB	500 kbps	S	SSOP	28
SP3243EBCA/TR	Sipex Corporation	250 kbps	MAX3243ECDBR	500 kbps	S	SSOP	28
SP3243EBCA-L	Sipex Corporation	250 kbps, Pb-Free	MAX3243ECDB	500 kbps	S	SSOP	28
SP3243EBCA-L/TR	Sipex Corporation	250 kbps, Pb-Free	MAX3243ECDBR	500 kbps	S	SSOP	28
SP3243EBCT	Sipex Corporation	250 kbps	MAX3243ECDW	500 kbps	S	SOIC	28
SP3243EBCT/TR	Sipex Corporation	250 kbps	MAX3243ECDWR	500 kbps	S	SOIC	28
SP3243EBCT-L	Sipex Corporation	250 kbps, Pb-Free	MAX3243ECDW	500 kbps	S	SOIC	28
SP3243EBCT-L/TR	Sipex Corporation	250 kbps, Pb-Free	MAX3243ECDWR	500 kbps	S	SOIC	28
SP3243EBCY	Sipex Corporation	250 kbps	MAX3243ECPW	500 kbps	S	TSSOP	28
SP3243EBCY/TR	Sipex Corporation	250 kbps	MAX3243ECPWR	500 kbps	S	TSSOP	28
SP3243EBCY-L	Sipex Corporation	250 kbps, Pb-Free	MAX3243ECPW	500 kbps	S	TSSOP	28
SP3243EBCY-L/TR	Sipex Corporation	250 kbps, Pb-Free	MAX3243ECPWR	500 kbps	S	TSSOP	28
SP3243EBEA	Sipex Corporation	250 kbps	MAX3243EIDB	500 kbps	S	SSOP	28
SP3243EBEA/TR	Sipex Corporation	250 kbps	MAX3243EIDBR	500 kbps	S	SSOP	28
SP3243EBEA-L	Sipex Corporation	250 kbps, Pb-Free	MAX3243EIDB	500 kbps	S	SSOP	28
SP3243EBEA-L/TR	Sipex Corporation	250 kbps, Pb-Free	MAX3243EIDBR	500 kbps	S	SSOP	28
SP3243EBET	Sipex Corporation	250 kbps	MAX3243EIDW	500 kbps	S	SOIC	28
SP3243EBET/TR	Sipex Corporation	250 kbps	MAX3243EIDWR	500 kbps	S	SOIC	28
SP3243EBET-L	Sipex Corporation	250 kbps, Pb-Free	MAX3243EIDW	500 kbps	S	SOIC	28
SP3243EBET-L/TR	Sipex Corporation	250 kbps, Pb-Free	MAX3243EIDWR	500 kbps	S	SOIC	28
SP3243EBEY	Sipex Corporation	250 kbps	MAX3243EIPW	500 kbps	S	TSSOP	28
SP3243EBEY/TR	Sipex Corporation	250 kbps	MAX3243EIPWR	500 kbps	S	TSSOP	28
SP3243EBEY-L	Sipex Corporation	250 kbps, Pb-Free	MAX3243EIPW	500 kbps	S	TSSOP	28
SP3243EBEY-L/TR	Sipex Corporation	250 kbps, Pb-Free	MAX3243EIPWR	500 kbps	S	TSSOP	28
SP3243ECA	Sipex Corporation	120 kbps	MAX3243ECDB	500 Kbps	S	SSOP	28
SP3243ECA/TR	Sipex Corporation	120 kbps	MAX3243ECDBR	500 Kbps	S	SSOP	28
SP3243ECA-L	Sipex Corporation	120 kbps, Pb-Free	MAX3243ECDB	500 Kbps	S	SSOP	28
SP3243ECA-L/TR	Sipex Corporation	120 kbps, Pb-Free	MAX3243ECDBR	500 Kbps	S	SSOP	28
SP3243ECT	Sipex Corporation	120 kbps	MAX3243ECDW	500 Kbps	S	SOIC	28
SP3243ECT/TR	Sipex Corporation	120 kbps	MAX3243ECDWR	500 Kbps	S	SOIC	28
SP3243ECT-L	Sipex Corporation	120 kbps, Pb-Free	MAX3243ECDW	500 Kbps	S	SOIC	28
SP3243ECT-L/TR	Sipex Corporation	120 kbps, Pb-Free	MAX3243ECDWR	500 Kbps	S	SOIC	28
SP3243EEA	Sipex Corporation	120 kbps	MAX3243EIDB	500 Kbps	S	SSOP	28
SP3243EEA/TR	Sipex Corporation	120 kbps	MAX3243EIDBR	500 Kbps	S	SSOP	28
SP3243EEA-L	Sipex Corporation	120 kbps, Pb-Free	MAX3243EIDB	500 Kbps	S	SSOP	28
SP3243EEA-L/TR	Sipex Corporation	120 kbps, Pb-Free	MAX3243EIDBR	500 Kbps	S	SSOP	28
SP3243EET	Sipex Corporation	120 kbps	MAX3243EIDW	500 Kbps	S	SOIC	28
SP3243EET/TR	Sipex Corporation	120 kbps	MAX3243EIDWR	500 Kbps	S	SOIC	28
SP3243EET-L	Sipex Corporation	120 kbps, Pb-Free	MAX3243EIDW	500 Kbps	S	SOIC	28
SP3243EET-L/TR	Sipex Corporation	120 kbps, Pb-Free	MAX3243EIDWR	500 Kbps	S	SOIC	28
SP3243EHCA	Sipex Corporation	450 kbps, IEC61000 ESD compliant	SN75C3243DBR	1 Mbps, Not IEC61000 ESD compliant	S	SSOP	28
SP3243EHCA/TR	Sipex Corporation	450 kbps, IEC61000 ESD compliant	SN75C3243DBR	1 Mbps, Not IEC61000 ESD compliant	S	SSOP	28
SP3243EHCA-L	Sipex Corporation	450 kbps, IEC61000 ESD compliant	SN75C3243DBR	1 Mbps, Not IEC61000 ESD compliant	S	SSOP	28
SP3243EHCA-L/TR	Sipex Corporation	450 kbps, IEC61000 ESD compliant	SN75C3243DBR	1 Mbps, Not IEC61000 ESD compliant	S	SSOP	28
SP3243EHCT	Sipex Corporation	450 kbps, IEC61000 ESD compliant	SN75C3243DW	1 Mbps, Not IEC61000 ESD compliant	S	SOIC	28
SP3243EHCT/TR	Sipex Corporation	450 kbps, IEC61000 ESD compliant	SN75C3243DWR	1 Mbps, Not IEC61000 ESD compliant	S	SOIC	28
SP3243EHCT-L	Sipex Corporation	450 kbps, IEC61000 ESD compliant	SN75C3243DW	1 Mbps, Not IEC61000 ESD compliant	S	SOIC	28
SP3243EHCT-L/TR	Sipex Corporation	450 kbps, IEC61000 ESD compliant	SN75C3243DWR	1 Mbps, Not IEC61000 ESD compliant	S	SOIC	28
SP3243EHEA	Sipex Corporation	450 kbps, IEC61000 ESD compliant	SN65C3243DBR	1 Mbps, Not IEC61000 ESD compliant	S	SSOP	28
SP3243EHEA/TR	Sipex Corporation	450 kbps, IEC61000 ESD compliant	SN65C3243DBR	1 Mbps, Not IEC61000 ESD compliant	S	SSOP	28
SP3243EHEA-L	Sipex Corporation	450 kbps, IEC61000 ESD compliant	SN65C3243DBR	1 Mbps, Not IEC61000 ESD compliant	S	SSOP	28
SP3243EHEA-L/TR	Sipex Corporation	450 kbps, IEC61000 ESD compliant	SN65C3243DBR	1 Mbps, Not IEC61000 ESD compliant	S	SSOP	28
SP3243EHET	Sipex Corporation	450 kbps, IEC61000 ESD compliant	SN65C3243DW	1 Mbps, Not IEC61000 ESD compliant	S	SOIC	28
SP3243EHET/TR	Sipex Corporation	450 kbps, IEC61000 ESD compliant	SN65C3243DWR	1 Mbps, Not IEC61000 ESD compliant	S	SOIC	28
SP3243EHET-L	Sipex Corporation	450 kbps, IEC61000 ESD compliant	SN65C3243DW	1 Mbps, Not IEC61000 ESD compliant	S	SOIC	28
SP3243EHET-L/TR	Sipex Corporation	450 kbps, IEC61000 ESD compliant	SN65C3243DWR	1 Mbps, Not IEC61000 ESD compliant	S	SOIC	28
SP3243ET	Sipex Corporation	120 kbps, +/- 2 KV HBM ESD, NRND	MAX3243EIDW	IEC61000 ESD compliant, 500kbps	S	SOIC	28
SP3243ET/TR	Sipex Corporation	120 kbps, +/- 2 KV HBM ESD, NRND	MAX3243EIDWR	IEC61000 ESD compliant, 500kbps	S	SOIC	28
SP3243ET-L	Sipex Corporation	120 kbps, +/- 2 KV HBM ESD, NRND, Pb-Free	MAX3243EIDW	IEC61000 ESD compliant, 500kbps	S	SOIC	28
SP3243ET-L/TR	Sipex Corporation	120 kbps, +/- 2 KV HBM ESD, NRND, Pb-Free	MAX3243EIDWR	IEC61000 ESD compliant, 500kbps	S	SOIC	28
SP3243EUCA	Sipex Corporation		SN75C3243DBR	Not IEC61000 ESD compliant, E grade planned, also consider MAX3243E series	S	SSOP	28
SP3243EUCA/TR	Sipex Corporation		SN75C3243DBR	Not IEC61000 ESD compliant, E grade planned, also consider MAX3243E series	S	SSOP	28

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

SP3243EBCA — SP3243EUCA/TR

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
SP3243EUCA-L	Sipex Corporation	Pb-Free	SN75C3243DBR	Not IEC61000 ESD compliant, E grade planned, also consider MAX3243E series	S	SSOP	28
SP3243EUCA-L/TR	Sipex Corporation	Pb-Free	SN75C3243DBR	Not IEC61000 ESD compliant, E grade planned, also consider MAX3243E series	S	SSOP	28
SP3243EUCT	Sipex Corporation		SN75C3243DW	Not IEC61000 ESD compliant, E grade planned, also consider MAX3243E series	S	SOIC	28
SP3243EUCT/TR	Sipex Corporation		SN75C3243DWR	Not IEC61000 ESD compliant, E grade planned, also consider MAX3243E series	S	SOIC	28
SP3243EUCT-L	Sipex Corporation	Pb-Free	SN75C3243DW	Not IEC61000 ESD compliant, E grade planned, also consider MAX3243E series	S	SOIC	28
SP3243EUCT-L/TR	Sipex Corporation	Pb-Free	SN75C3243DWR	Not IEC61000 ESD compliant, E grade planned, also consider MAX3243E series	S	SOIC	28
SP3243EUCY	Sipex Corporation		SN75C3243PW	Not IEC61000 ESD compliant, E grade planned, also consider MAX3243E series	S	TSSOP	28
SP3243EUCY/TR	Sipex Corporation		SN75C3243PWR	Not IEC61000 ESD compliant, E grade planned, also consider MAX3243E series	S	TSSOP	28
SP3243EUCY-L	Sipex Corporation	Pb-Free	SN75C3243PW	Not IEC61000 ESD compliant, E grade planned, also consider MAX3243E series	S	TSSOP	28
SP3243EUCY-L/TR	Sipex Corporation	Pb-Free	SN75C3243PWR	Not IEC61000 ESD compliant, E grade planned, also consider MAX3243E series	S	TSSOP	28
SP3243EUEA	Sipex Corporation		SN65C3243DBR	Not IEC61000 ESD compliant, E grade planned, also consider MAX3243E series	S	SSOP	28
SP3243EUEA/TR	Sipex Corporation		SN65C3243DBR	Not IEC61000 ESD compliant, E grade planned, also consider MAX3243E series	S	SSOP	28
SP3243EUEA-L	Sipex Corporation	Pb-Free	SN65C3243DBR	Not IEC61000 ESD compliant, E grade planned, also consider MAX3243E series	S	SSOP	28
SP3243EUEA-L/TR	Sipex Corporation	Pb-Free	SN65C3243DBR	Not IEC61000 ESD compliant, E grade planned, also consider MAX3243E series	S	SSOP	28
SP3243EUET	Sipex Corporation		SN65C3243DW	Not IEC61000 ESD compliant, E grade planned, also consider MAX3243E series	S	SOIC	28
SP3243EUET/TR	Sipex Corporation		SN65C3243DWR	Not IEC61000 ESD compliant, E grade planned, also consider MAX3243E series	S	SOIC	28
SP3243EUET-L	Sipex Corporation	Pb-Free	SN65C3243DW	Not IEC61000 ESD compliant, E grade planned, also consider MAX3243E series	S	SOIC	28
SP3243EUET-L/TR	Sipex Corporation	Pb-Free	SN65C3243DWR	Not IEC61000 ESD compliant, E grade planned, also consider MAX3243E series	S	SOIC	28
SP3243EUEY	Sipex Corporation		SN65C3243PW	Not IEC61000 ESD compliant, E grade planned, also consider MAX3243E series	S	TSSOP	28
SP3243EUEY/TR	Sipex Corporation		SN65C3243PWR	Not IEC61000 ESD compliant, E grade planned, also consider MAX3243E series	S	TSSOP	28
SP3243EUEY-L	Sipex Corporation	Pb-Free	SN65C3243PW	Not IEC61000 ESD compliant, E grade planned, also consider MAX3243E series	S	TSSOP	28
SP3243EUEY-L/TR	Sipex Corporation	Pb-Free	SN65C3243PWR	Not IEC61000 ESD compliant, E grade planned, also consider MAX3243E series	S	TSSOP	28
SP3243HCA	Sipex Corporation	Discontinued, 450 kbps	SN75C3243DBR	1 Mbps	S	SSOP	28
SP3243HCA/TR	Sipex Corporation	Discontinued, 450 kbps	SN75C3243DBR	1 Mbps	S	SSOP	28
SP3243HCA-L	Sipex Corporation	Discontinued, Pb-Free, 450 kbps	SN75C3243DBR	1 Mbps	S	SSOP	28
SP3243HCA-L/TR	Sipex Corporation	Discontinued, Pb-Free, 450 kbps	SN75C3243DBR	1 Mbps	S	SSOP	28
SP3243HCT	Sipex Corporation	Discontinued, 450 kbps	SN75C3243DW	1 Mbps	S	SOIC	28
SP3243HCT/TR	Sipex Corporation	Discontinued, 450 kbps	SN75C3243DWR	1 Mbps	S	SOIC	28
SP3243HCT-L	Sipex Corporation	Discontinued, Pb-Free, 450 kbps	SN75C3243DW	1 Mbps	S	SOIC	28
SP3243HCT-L/TR	Sipex Corporation	Discontinued, Pb-Free, 450 kbps	SN75C3243DWR	1 Mbps	S	SOIC	28
SP3243HEA	Sipex Corporation	Discontinued, 450 kbps	SN65C3243DBR	1 Mbps	S	SSOP	28
SP3243HEA/TR	Sipex Corporation	Discontinued, 450 kbps	SN65C3243DBR	1 Mbps	S	SSOP	28
SP3243HET	Sipex Corporation	Discontinued, 450 kbps	SN65C3243DW	1 Mbps	S	SOIC	28
SP3243HET/TR	Sipex Corporation	Discontinued, 450 kbps	SN65C3243DWR	1 Mbps	S	SOIC	28
SP3243HET-L	Sipex Corporation	Discontinued, Pb-Free, 450 kbps	SN65C3243DW	1 Mbps	S	SOIC	28
SP3243HET-L/TR	Sipex Corporation	Discontinued, Pb-Free, 450 kbps	SN65C3243DWR	1 Mbps	S	SOIC	28
SP34063AEN	Sipex Corporation		MC34063AD		S	SOIC	8
SP34063AEN/TR	Sipex Corporation		MC34063ADR		S	SOIC	8
SP34063AEN-L	Sipex Corporation	Pb-Free	MC34063AD		S	SOIC	8
SP34063AEN-L/TR	Sipex Corporation	Pb-Free	MC34063ADR		S	SOIC	8
SP485CN	Sipex Corporation		SN75176BD		S	SOIC	8
SP485CN/TR	Sipex Corporation		SN75176BDR		S	SOIC	8

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
SP485CS	Sipex Corporation		SN75176BP		S	PDIP	8
SP485ECN	Sipex Corporation		SN75176BD	Not IEC61000 ESD compliant	S	SOIC	8
SP485ECN/TR	Sipex Corporation		SN75176BDR	Not IEC61000 ESD compliant	S	SOIC	8
SP485ECP	Sipex Corporation		SN75176BP	Not IEC61000 ESD compliant	S	PDIP	8
SP485EEN	Sipex Corporation		SN65176BD	Not IEC61000 ESD compliant	S	SOIC	8
SP485EEN/TR	Sipex Corporation		SN65176BDR	Not IEC61000 ESD compliant	S	SOIC	8
SP485EEP	Sipex Corporation		SN65176BP	Not IEC61000 ESD compliant	S	PDIP	8
SP485EMN	Sipex Corporation		SN65176BD	Not IEC61000 ESD compliant	S	SOIC	8
SP485EMN/TR	Sipex Corporation		SN65176BDR	Not IEC61000 ESD compliant	S	SOIC	8
SP491CN	Sipex Corporation		SN75ALS180D		S	SOIC	14
SP491CN/TR	Sipex Corporation		SN75ALS180DR		S	SOIC	14
SP491CP	Sipex Corporation		SN75ALS180N		S	PDIP	14
SP491ECN	Sipex Corporation		SN75ALS180D	Not IEC61000 ESD compliant	S	SOIC	14
SP491ECN/TR	Sipex Corporation		SN75ALS180DR	Not IEC61000 ESD compliant	S	SOIC	14
SP491ECP	Sipex Corporation		SN75ALS180N	Not IEC61000 ESD compliant	S	PDIP	14
SP491EEN	Sipex Corporation		SN65ALS180D	Not IEC61000 ESD compliant	S	SOIC	14
SP491EEN/TR	Sipex Corporation		SN65ALS180DR	Not IEC61000 ESD compliant	S	SOIC	14
SP491EEP	Sipex Corporation		SN75ALS180N	I-temp SN65ALS180N obsolete	Q	PDIP	14
SP491EP	Sipex Corporation		SN75ALS180N	I-temp SN65ALS180N obsolete	Q	PDIP	14
SPX1117M3	Sipex Corporation		TLV1117IDCY		S	SOT-223	3
SPX1117M3/TR	Sipex Corporation	Vin differs	TLV1117IDCYR		S	TO-223	3
SPX1117M3-18	Sipex Corporation		TLV1117-18IDCY		S	SOT-223	3
SPX1117M3-18/TR	Sipex Corporation		TLV1117-18IDCYR		S	SOT-223	3
SPX1117M3-25	Sipex Corporation		TLV1117-25IDCY		S	SOT-223	3
SPX1117M3-25/TR	Sipex Corporation		TLV1117-25IDCYR		S	SOT-223	3
SPX1117M3-3.3TR	Sipex Corporation		TLV1117-33IDCYR		S		
SPX1117M3-33	Sipex Corporation		TLV1117-33IDCY		S	SOT-223	3
SPX1117M3-33/TR	Sipex Corporation		TLV1117-33IDCYR		S	SOT-223	3
SPX1117M3-50	Sipex Corporation		TLV1117-50IDCY		S	SOT-223	3
SPX1117M3-50/TR	Sipex Corporation		TLV1117-50IDCYR		S	SOT-223	3
SPX1117M3-L	Sipex Corporation	Pb-Free	TLV1117IDCY		S	SOT-223	3
SPX1117M3-L/TR	Sipex Corporation	Vin differs	TLV1117IDCYR		S	TO-223	3
SPX1117M3-L-18	Sipex Corporation	Pb-Free	TLV1117-18IDCY		S	SOT-223	3
SPX1117M3-L-18/TR	Sipex Corporation	Pb-Free	TLV1117-18IDCYR		S	SOT-223	3
SPX1117M3-L-25	Sipex Corporation	Pb-Free	TLV1117-25IDCY		S	SOT-223	3
SPX1117M3-L-25/TR	Sipex Corporation	Pb-Free	TLV1117-25IDCYR		S	SOT-223	3
SPX1117M3-L-33	Sipex Corporation	Pb-Free	TLV1117-33IDCY		S	SOT-223	3
SPX1117M3-L-33/TR	Sipex Corporation	Pb-Free	TLV1117-33IDCYR		S	SOT-223	3
SPX1117M3-L-50	Sipex Corporation	Pb-Free	TLV1117-50IDCY		S	SOT-223	3
SPX1117M3-L-50/TR	Sipex Corporation	Pb-Free	TLV1117-50IDCYR		S	SOT-223	3
SPX1117R	Sipex Corporation		TLV1117IKVURG3		S	TO-252/DPAK	2
SPX1117R/TR	Sipex Corporation		TLV1117IKVURG3		S	TO-252/DPAK	2
SPX1117R-L	Sipex Corporation	Pb-Free	TLV1117IKVURG3		S	TO-252/DPAK	2
SPX1117R-L/TR	Sipex Corporation	Pb-Free	TLV1117IKVURG3		S	TO-252/DPAK	2
SPX1117T	Sipex Corporation		TLV1117CKTTR		S	TO-263/DDPAK	3
SPX1117T/TR	Sipex Corporation		TLV1117CKTTR		S	TO-263/DDPAK	3
SPX1117T-L	Sipex Corporation	Pb-Free	TLV1117IKTTR		S	TO-263/DDPAK	3
SPX1117T-L/TR	Sipex Corporation	Pb-Free	TLV1117IKTTR		S	TO-263/DDPAK	3
SPX1117U	Sipex Corporation		TLV1117IKCS		S	TO-220	3
SPX1117U	Sipex Corporation	Vin differs	TLV1117IKCSE3		S	TO-220	3
SPX1117U-2.5	Sipex Corporation	Vin differs	TLV1117-25IKCS		S	TO-220	3
SPX1117U-25	Sipex Corporation		TLV1117-25IKCS	Planned	S	TO-220	3
SPX1117U-L	Sipex Corporation	Pb-Free	TLV1117IKCS		S	TO-220	3
SPX1117U-L	Sipex Corporation	Vin differs	TLV1117IKCSE3		S	TO-220	3
SPX1117U-L-25	Sipex Corporation	Pb-Free	TLV1117-25IKCS	Planned	S	TO-220	3
SPX2431AM	Sipex Corporation		TL432BQDBZR	Also TL432BIDBZT 0 to 85C	S	SOT-23	3
SPX2431AM/TR	Sipex Corporation		TL432BQDBZR	Also TL432BIDBZR 0 to 85C	S	SOT-23	3
SPX2431AM	Sipex Corporation	0.50%	TL432BQDBZR	Also TL432BIDBZT 0 to 85C	S	SOT-23	3
SPX2431AM/TR	Sipex Corporation	0.5%	TL432BQDBZR	Also TL432BIDBZR -40 to 85C	S	SOT-23	3
SPX2431LAN	Sipex Corporation	VKA differs	TL431BILPE3		S	TO-92	3
SPX2431LAN/TR	Sipex Corporation	IK, VKA differ	TL431BILPRE3		S	TO-92	3
SPX2431LM	Sipex Corporation		TL432AIDBZT	For 125C use TL432AQ	S	SOT-23	3
SPX2431LM/TR	Sipex Corporation		TL432AIDBZR	For 125C use TL432AQ	S	SOT-23	3
SPX2431M	Sipex Corporation		TL432AIDBZT	For 125C use TL432AQ	S	SOT-23	3

SP485CS — SPX2431M

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
SPX2431M/TR	Sipex Corporation		TL432AIDBZR	For 125C use TL432AQ	S	SOT-23	3
SPX4040AM-2.5	Sipex Corporation		LM4040C25IDBZR		S	SOT-23	3
SPX4040AM-2.5/TR	Sipex Corporation		LM4040C25IDBZR		S	SOT-23	3
SPX4040AM-L-2.5	Sipex Corporation	Pb-Free	LM4040C25IDBZR		S	SOT-23	3
SPX4040AM-L-2.5/TR	Sipex Corporation	Pb-Free	LM4040C25IDBZR		S	SOT-23	3
SPX4040AN-2.5	Sipex Corporation		LM4040C25ILP		S	TO-92	3
SPX4040AN-2.5/TR	Sipex Corporation		LM4040C25ILPR		S	TO-92	3
SPX4040AN-L-2.5	Sipex Corporation	Pb-Free	LM4040C25ILP		S	TO-92	3
SPX4040AN-L-2.5/TR	Sipex Corporation	Pb-Free	LM4040C25ILPR		S	TO-92	3
SPX4040M-2.5	Sipex Corporation		LM4040D25IDBZR		S	SOT-23	3
SPX4040M-2.5/TR	Sipex Corporation		LM4040D25IDBZR		S	SOT-23	3
SPX4040M-L-2.5	Sipex Corporation	Pb-Free	LM4040D25IDBZR		S	SOT-23	3
SPX4040M-L-2.5/TR	Sipex Corporation	Pb-Free	LM4040D25IDBZR		S	SOT-23	3
SPX4040N-2.5	Sipex Corporation		LM4040D25ILP		S	TO-92	3
SPX4040N-2.5/TR	Sipex Corporation		LM4040D25ILPR		S	TO-92	3
SPX4040N-L-2.5	Sipex Corporation	Pb-Free	LM4040D25ILP		S	TO-92	3
SPX4040N-L-2.5/TR	Sipex Corporation	Pb-Free	LM4040D25ILPR		S	TO-92	3
SPX4041AM	Sipex Corporation		LM4041D12IDBZR		S	SOT-23	3
SPX4041AM/TR	Sipex Corporation		LM4041D12IDBZR		S	SOT-23	3
SPX4041AM-L	Sipex Corporation	Pb-Free	LM4041D12IDBZR		S	SOT-23	3
SPX4041AM-L/TR	Sipex Corporation	Pb-Free	LM4041D12IDBZR		S	SOT-23	3
SPX4041AN	Sipex Corporation		LM4041D12ILP		S	SOIC	8
SPX4041AN/TR	Sipex Corporation		LM4041D12ILPR		S	SOIC	8
SPX4041AN-L	Sipex Corporation	Pb-Free	LM4041D12ILP		S	SOIC	8
SPX4041AN-L/TR	Sipex Corporation	Pb-Free	LM4041D12ILPR		S	SOIC	8
SPX4041AS	Sipex Corporation		LM4041D12ILP		S	TO-92	3
SPX4041AS/TR	Sipex Corporation		LM4041D12ILPR		S	TO-92	3
SPX4041AS-L	Sipex Corporation	Pb-Free	LM4041D12ILP		S	TO-92	3
SPX4041AS-L/TR	Sipex Corporation	Pb-Free	LM4041D12ILPR		S	TO-92	3
SPX4041N	Sipex Corporation	+/- 2%	LM4041D12ILP	+/-1%	S	SOIC	8
SPX4041N/TR	Sipex Corporation	+/- 2%	LM4041D12ILPR	+/-1%	S	SOIC	8
SPX4041N-L	Sipex Corporation	+/- 2%, Pb-Free	LM4041D12ILP	+/-1%	S	SOIC	8
SPX4041N-L/TR	Sipex Corporation	+/- 2%, Pb-Free	LM4041D12ILPR	+/-1%	S	SOIC	8
SPX4041S	Sipex Corporation	+/- 2%	LM4041D12ILP		S	TO-92	3
SPX4041S/TR	Sipex Corporation	+/- 2%	LM4041D12ILPR		S	TO-92	3
SPX4041S-L	Sipex Corporation	+/- 2%, Pb-Free	LM4041D12ILP		S	TO-92	3
SPX4041S-L/TR	Sipex Corporation	+/- 2%, Pb-Free	LM4041D12ILPR		S	TO-92	3
SPX431AM1	Sipex Corporation		TL431AIPK	For 125C use TL431AQ	S	SOT-89	3
SPX431AM1/TR	Sipex Corporation	IK, VKA differ	TL431BIPKG3		S	SOT-89	3
SPX431AM5	Sipex Corporation		TL431AIDBVT	For 125C use TL431AQ	S	SOT-23	5
SPX431AM5/TR	Sipex Corporation		TL431AIDBVR	For 125C use TL431AQ	S	SOT-23	5
SPX431AN	Sipex Corporation		TL431AILP		S	TO-92	3
SPX431AN/TR	Sipex Corporation	IK, VKA differ	TL431AILPR		S	TO-92	3
SPX431AS	Sipex Corporation		TL431AID	For 125C use TL431AQ	S	SOIC	8
SPX431AS/TR	Sipex Corporation		TL431AIDR	For 125C use TL431AQ	S	SOIC	8
SPX431BM1	Sipex Corporation		TL431BIDBZT	For 125C use TL431BQ	S	SOT-23	3
SPX431BM1/TR	Sipex Corporation		TL431AIPK	For 125C use TL431AQ	S	SOT-89	3
SPX431BM5	Sipex Corporation		TL431BIDBVT	For 125C use TL431BQ	S	SOT-23	5
SPX431BM5/TR	Sipex Corporation		TL431BIDBVR	For 125C use TL431BQ	S	SOT-23	5
SPX431BN	Sipex Corporation		TL431BILPE3		S	TO-92	3
SPX431BN/TR	Sipex Corporation	IK, VKA differ	TL431BILPRE3		S	TO-92	3
SPX431BS	Sipex Corporation		TL431BID	For 125C use TL431BQ	S	SOIC	8
SPX431BS/TR	Sipex Corporation		TL431BIDR	For 125C use TL431BQ	S	SOIC	8
SPX431CM1	Sipex Corporation		TL431IDBZT	For 125C use TL431Q	S	SOT-23	3
SPX431CM1/TR	Sipex Corporation		TL431IPK	For 125C use TL431Q	S	SOT-89	3
SPX431CM5	Sipex Corporation		TL431IDBVT	For 125C use TL431Q	S	SOT-23	5
SPX431CM5/TR	Sipex Corporation		TL431IDBVR	For 125C use TL431Q	S	SOT-23	5
SPX431CN	Sipex Corporation	IK differs	TL431ILP		S	TO-92	3
SPX431CN/TR	Sipex Corporation	IK differs	TL431ILPR		S	TO-92	3
SPX431CS	Sipex Corporation		TL431ID	For 125C use TL431Q	S	SOIC	8
SPX431CS/TR	Sipex Corporation		TL431IDR	For 125C use TL431Q	S	SOIC	8
SPX431LAM	Sipex Corporation		TL432BIDBZT	For 125C use TL432BQ	S	SOT-23	3
SPX431LAM/TR	Sipex Corporation		TL432BIDBZR	For 125C use TL432BQ	S	SOT-23	3
SPX431LAM1/TR	Sipex Corporation	IK, VKA differ	TL431BIPKG3		S	SOT-89	3

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
SPX431LAN/TR	Sipex Corporation	IK, VKA differ	TL431BILPRE3		S	TO-92	3
SPX431LAS	Sipex Corporation		TL431BID	For 125C use TL431BQ	S	SOIC	8
SPX431LAS/TR	Sipex Corporation		TL431BIDR	For 125C use TL431BQ	S	SOIC	8
SPX431LCM	Sipex Corporation		TL432IDBZT	For 125C use TL432Q	S	SOT-23	3
SPX431LCM/TR	Sipex Corporation		TL432IDBZR	For 125C use TL432Q	S	SOT-23	3
SPX431LM	Sipex Corporation		TL432AIDBZT	For 125C use TL432AQ	S	SOT-23	3
SPX431LM/TR	Sipex Corporation		TL432AIDBZR	For 125C use TL432AQ	S	SOT-23	3
SPX432AM	Sipex Corporation		TLV431AIDBZR		S	SOT-23	3
SPX432AM/TR	Sipex Corporation		TLV431AIDBZR		S	SOT-23	3
SPX432AM-L	Sipex Corporation	Pb-Free	TLV431AIDBZR		S	SOT-23	3
SPX432AM-L/TR	Sipex Corporation	Pb-Free	TLV431AIDBZR		S	SOT-23	3
SPX432AN	Sipex Corporation	IK, VKA differ	TLV431AILPE3		Q	TO-92	3
SPX432AN/TR	Sipex Corporation	IK, VKA differ	TLV431AILPRE3		Q	TO-92	3
SPX432AN-L	Sipex Corporation	IK, VKA differ	TLV431AILPE3		Q	TO-92	3
SPX432AN-L/TR	Sipex Corporation	IK, VKA differ	TLV431AILPRE3		Q	TO-92	3
SPX432AS	Sipex Corporation		TLV431AID		S	SOIC	8
SPX432AS/TR	Sipex Corporation		TLV431AIDR		S	SOIC	8
SPX432AS-L	Sipex Corporation	Pb-Free	TLV431AID		S	SOIC	8
SPX432AS-L/TR	Sipex Corporation	Pb-Free	TLV431AIDR		S	SOIC	8
SPX432M	Sipex Corporation		TLV431IDBZR		S	SOT-23	3
SPX432M/TR	Sipex Corporation		TLV431IDBZR		S	SOT-23	3
SPX432M-L	Sipex Corporation	Pb-Free	TLV431IDBZR		S	SOT-23	3
SPX432M-L/TR	Sipex Corporation	Pb-Free	TLV431IDBZR		S	SOT-23	3
SPX432N	Sipex Corporation		TLV431ILP		S	TO-92	3
SPX432N	Sipex Corporation	IK, VKA differ	TLV431ILPE3		Q	TO-92	3
SPX432N/TR	Sipex Corporation		TLV431ILPR		S	TO-92	3
SPX432N/TR	Sipex Corporation	IK, VKA differ	TLV431ILPRE3		Q	TO-92	3
SPX432N-L	Sipex Corporation	Pb-Free	TLV431ILP		S	TO-92	3
SPX432N-L	Sipex Corporation	IK, VKA differ	TLV431ILPE3		Q	TO-92	3
SPX432N-L/TR	Sipex Corporation	Pb-Free	TLV431ILPR		S	TO-92	3
SPX432N-L/TR	Sipex Corporation	IK, VKA differ	TLV431ILPRE3		Q	TO-92	3
SPX432S	Sipex Corporation		TLV431AID	1%	S	SOIC	8
SPX432S/TR	Sipex Corporation		TLV431AIDR	1%	S	SOIC	8
SPX432S-L	Sipex Corporation	Pb-Free	TLV431AID	1%	S	SOIC	8
SPX432S-L/TR	Sipex Corporation	Pb-Free	TLV431AIDR	1%	S	SOIC	8
SPX5205M5-1.8	Sipex Corporation		LP2985A-18DBVR		S	SOT-23	5
SPX5205M5-1.8/TR	Sipex Corporation		LP2985A-18DBVR		S	SOT-23	5
SPX5205M5-2.5	Sipex Corporation		LP2985A-25DBVR		S	SOT-23	5
SPX5205M5-2.5/TR	Sipex Corporation		LP2985A-25DBVR		S	SOT-23	5
SPX5205M5-2.8	Sipex Corporation		LP2985A-28DBVR		S	SOT-23	5
SPX5205M5-2.8/TR	Sipex Corporation		LP2985A-28DBVR		S	SOT-23	5
SPX5205M5-3.0	Sipex Corporation		LP2985A-30DBVR		S	SOT-23	5
SPX5205M5-3.0/TR	Sipex Corporation		LP2985A-30DBVR		S	SOT-23	5
SPX5205M5-3.3	Sipex Corporation		LP2985A-33DBVR		S	SOT-23	5
SPX5205M5-3.3/TR	Sipex Corporation		LP2985A-33DBVR		S	SOT-23	5
SPX5205M5-5.0	Sipex Corporation		LP2985A-50DBVR		S	SOT-23	5
SPX5205M5-5.0/TR	Sipex Corporation		LP2985A-50DBVR		S	SOT-23	5
ST202EAD	ST Microelectronics (STM)	230 kbps, IEC61000 ESD compliant	MAX202ID	120 kbps, not IEC61000 ESD compliant, Temp ranges differ	Q	SOIC	16
ST202EAN	ST Microelectronics (STM)	230 kbps, 0.1 uF capacitors	MAX232EIN	120 kbps, 1.0uF capacitors, Temp ranges differ	Q	PDIP	16
ST202EATR	ST Microelectronics (STM)	230 kbps, IEC61000 ESD compliant	MAX202IPWR	120 kbps, not IEC61000 ESD compliant, Temp ranges differ	Q	TSSOP	16
ST202EBD	ST Microelectronics (STM)	230 kbps, IEC61000 ESD compliant	MAX202ID	120 kbps, not IEC61000 ESD compliant	Q	SOIC	16
ST202EBDR	ST Microelectronics (STM)	230 kbps, IEC61000 ESD compliant	MAX202IDR	120 kbps, not IEC61000 ESD compliant	Q	SOIC	16
ST202EBN	ST Microelectronics (STM)	230 kbps, 0.1 uF capacitors	MAX232EIN	120 kbps, 1.0uF capacitors	Q	PDIP	16
ST202EBTR	ST Microelectronics (STM)	230 kbps, IEC61000 ESD compliant	MAX202IPWR	120 kbps, not IEC61000 ESD compliant	Q	TSSOP	16
ST202EBW	ST Microelectronics (STM)	230 kbps, IEC61000 ESD compliant	MAX202IDW	120 kbps, not IEC61000 ESD compliant	Q	SOIC	16
ST202EBWR	ST Microelectronics (STM)	230 kbps, IEC61000 ESD compliant	MAX202IDWR	120 kbps, not IEC61000 ESD compliant	Q	SOIC	16
ST202ECD	ST Microelectronics (STM)	230 kbps, IEC61000 ESD compliant	MAX202CD	120 kbps, not IEC61000 ESD compliant	Q	SOIC	16
ST202ECDR	ST Microelectronics (STM)	230 kbps, IEC61000 ESD compliant	MAX202CDR	120 kbps, not IEC61000 ESD compliant	Q	SOIC	16
ST202ECN	ST Microelectronics (STM)	230 kbps, 0.1 uF capacitors	MAX232ECN	120 kbps, 1.0uF capacitors	Q	PDIP	16
ST202ECTR	ST Microelectronics (STM)	230 kbps, IEC61000 ESD compliant	MAX202CPWR	120 kbps, not IEC61000 ESD compliant	Q	TSSOP	16
ST202ECW	ST Microelectronics (STM)	230 kbps, IEC61000 ESD compliant	MAX202CDW	120 kbps, not IEC61000 ESD compliant	Q	SOIC	16
ST202ECWR	ST Microelectronics (STM)	230 kbps, IEC61000 ESD compliant	MAX202CDWR	120 kbps, not IEC61000 ESD compliant	Q	SOIC	16

SPX431LAN/TR — ST202ECWR

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
ST207ECP	ST Microelectronics (STM)		MAX207CDB		Q	SSOP	24
ST207ECPR	ST Microelectronics (STM)		MAX207CDBR		Q	SSOP	24
ST232ABD	ST Microelectronics (STM)	200 kbps, 0.1uF capacitors	MAX202ID	120 kbps	Q	SOIC	16
ST232ABDR	ST Microelectronics (STM)	200 kbps, 0.1uF capacitors	MAX202IDR	120 kbps	Q	SOIC	16
ST232ABN	ST Microelectronics (STM)	200 kbps, 0.1uF capacitors	MAX232EIN	120 kbps, 1.0uF capacitors	Q	PDIP	16
ST232ABTR	ST Microelectronics (STM)	200 kbps, 0.1uF capacitors	MAX202IPWR	120 kbps	Q	TSSOP	16
ST232ABW	ST Microelectronics (STM)	200 kbps, 0.1uF capacitors	MAX202IDW	120 kbps	Q	SOIC	16
ST232ABWR	ST Microelectronics (STM)	200 kbps, 0.1uF capacitors	MAX202IDWR	120 kbps	Q	SOIC	16
ST232ACD	ST Microelectronics (STM)	200 kbps, 0.1uF capacitors	MAX202CD	120 kbps	Q	SOIC	16
ST232ACDR	ST Microelectronics (STM)	200 kbps, 0.1uF capacitors	MAX202CDR	120 kbps	Q	SOIC	16
ST232ACN	ST Microelectronics (STM)	200 kbps, 0.1uF capacitors	MAX232ECN	120 kbps, 1.0uF capacitors	Q	PDIP	16
ST232ACTR	ST Microelectronics (STM)	200 kbps, 0.1uF capacitors	MAX202CPWR	120 kbps	Q	TSSOP	16
ST232ACW	ST Microelectronics (STM)	200 kbps, 0.1uF capacitors	MAX202CDW	120 kbps	Q	SOIC	16
ST232ACWR	ST Microelectronics (STM)	200 kbps, 0.1uF capacitors	MAX202CDWR	120 kbps	Q	SOIC	16
ST232BD	ST Microelectronics (STM)	0.1 uF capacitors	MAX202ID		S	SOIC	16
ST232BDR	ST Microelectronics (STM)	0.1 uF capacitors	MAX202IDR		S	SOIC	16
ST232BN	ST Microelectronics (STM)	0.1 uF capacitors	MAX232EIN	1.0uF capacitors	Q	PDIP	16
ST232BTR	ST Microelectronics (STM)	0.1 uF capacitors	MAX202IPWR		S	TSSOP	16
ST232BW	ST Microelectronics (STM)	0.1 uF capacitors	MAX202IDW		S	SOIC	16
ST232BWR	ST Microelectronics (STM)	0.1 uF capacitors	MAX202IDWR		S	SOIC	16
ST232CD	ST Microelectronics (STM)	0.1 uF capacitors	MAX202CD		S	SOIC	16
ST232CDR	ST Microelectronics (STM)	0.1 uF capacitors	MAX202CDR		S	SOIC	16
ST232CN	ST Microelectronics (STM)	0.1 uF capacitors	MAX232ECN	1.0uF capacitors	Q	PDIP	16
ST232CTR	ST Microelectronics (STM)	0.1 uF capacitors	MAX202CPWR		S	TSSOP	16
ST232CW	ST Microelectronics (STM)	0.1 uF capacitors	MAX202CDW		S	SOIC	16
ST232CWR	ST Microelectronics (STM)	0.1 uF capacitors	MAX202CDWR		S	SOIC	16
ST232EAN	ST Microelectronics (STM)	230 kbps, 1.0uF capacitors	MAX232EIN	120 kbps, 1.0uF capacitors, Temp ranges differ	Q	PDIP	16
ST232EATR	ST Microelectronics (STM)	230 kbps, 1.0uF capacitors	MAX202IPWR	120 kbps, 0.1uF capacitors, Temp ranges differ	Q	TSSOP	16
ST232EBDR	ST Microelectronics (STM)	230 kbps, 1.0uF capacitors	MAX202IDR	120 kbps, 0.1uF capacitors	Q	SOIC	16
ST232EBN	ST Microelectronics (STM)	230 kbps, 1.0uF capacitors	MAX232EIN	120 kbps, 1.0uF capacitors	Q	PDIP	16
ST232EBTR	ST Microelectronics (STM)	230 kbps, 1.0uF capacitors	MAX202IPWR	120 kbps, 0.1uF capacitors	Q	TSSOP	16
ST232EBWR	ST Microelectronics (STM)	230 kbps, 1.0uF capacitors	MAX202IDWR	120 kbps, 0.1uF capacitors	Q	SOIC	16
ST232ECD	ST Microelectronics (STM)	230 kbps, 1.0uF capacitors	MAX202CD	120 kbps, 0.1uF capacitors	Q	SOIC	16
ST232ECDR	ST Microelectronics (STM)	230 kbps, 1.0uF capacitors	MAX202CDR	120 kbps, 0.1uF capacitors	Q	SOIC	16
ST232ECN	ST Microelectronics (STM)	230 kbps, 1.0uF capacitors	MAX232ECN	120 kbps, 1.0uF capacitors	Q	PDIP	16
ST232ECTR	ST Microelectronics (STM)	230 kbps, 1.0uF capacitors	MAX202CPWR	120 kbps, 0.1uF capacitors	Q	TSSOP	16
ST232ECWR	ST Microelectronics (STM)	230 kbps, 1.0uF capacitors	MAX202CDWR	120 kbps, 0.1uF capacitors	Q	SOIC	16
ST3222BTR	ST Microelectronics (STM)	Not IEC61000 ESD compliant	MAX3222EIPWR	IEC61000 ESD compliant	S	TSSOP	20
ST3222CTR	ST Microelectronics (STM)	Not IEC61000 ESD compliant	MAX3222ECPWR	IEC61000 ESD compliant	S	TSSOP	20
ST3222EBPR	ST Microelectronics (STM)		MAX3222EIDBR		S	SSOP	20
ST3222EBTR	ST Microelectronics (STM)		MAX3222EIPWR		S	TSSOP	20
ST3222ECDR	ST Microelectronics (STM)		MAX3222ECDWR	20 pin not 18 pin package	P	SOIC	18
ST3232EBD	ST Microelectronics (STM)		MAX3232EID		S	SOIC	16
ST3232EBDR	ST Microelectronics (STM)		MAX3232EIDR		S	SOIC	16
ST3232EBPR	ST Microelectronics (STM)		MAX3232EIDBR		S	SSOP	16
ST3232EBTR	ST Microelectronics (STM)		MAX3232EIPWR		S	TSSOP	16
ST3232EBW	ST Microelectronics (STM)		MAX3232EIDW		S	SOIC	16
ST3232EBWR	ST Microelectronics (STM)		MAX3232EIDWR		S	SOIC	16
ST3232ECD	ST Microelectronics (STM)		MAX3232ECD		S	SOIC	16
ST3232ECDR	ST Microelectronics (STM)		MAX3232ECDR		S	SOIC	16
ST3232ECPR	ST Microelectronics (STM)		MAX3232ECDBR		S	SSOP	16
ST3232ECTR	ST Microelectronics (STM)		MAX3232ECPWR		S	TSSOP	16
ST3232ECW	ST Microelectronics (STM)		MAX3232ECDW		S	SOIC	16
ST3232ECWR	ST Microelectronics (STM)		MAX3232ECDWR		S	SOIC	16
ST3237BPR	ST Microelectronics (STM)	Pb-Free, 250kbps, Not IEC61000 ESD compliant	MAX3237EIDBR	1Mbps, IEC61000 ESD compliant	S	SSOP	28
ST3237CPR	ST Microelectronics (STM)	Pb-Free, 250kbps, Not IEC61000 ESD compliant	MAX3237ECDBR	1Mbps, IEC61000 ESD compliant	S	SSOP	28
ST3237EBDR	ST Microelectronics (STM)	Pb-Free, 250kbps	MAX3237EIDWR	1Mbps	S	SOIC	28
ST3237EBPR	ST Microelectronics (STM)	Pb-Free, 250kbps	MAX3237EIDBR	1Mbps	S	SSOP	28
ST3237ECPR	ST Microelectronics (STM)	Pb-Free, 250kbps	MAX3237ECDBR	1Mbps	S	SSOP	28
ST3243EBD	ST Microelectronics (STM)		MAX3243EIDW		S	SOIC	28
ST3243EBDR	ST Microelectronics (STM)		MAX3243EIDWR		S	SOIC	28
ST3243EBPR	ST Microelectronics (STM)		MAX3243EIDBR		S	SSOP	28

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
ST3243EBTR	ST Microelectronics (STM)		MAX3243EIPWR		S	TSSOP	28
ST3243ECD	ST Microelectronics (STM)		MAX3243ECDW		S	SOIC	28
ST3243ECDR	ST Microelectronics (STM)		MAX3243ECDWR		S	SOIC	28
ST3243ECPR	ST Microelectronics (STM)		MAX3243ECDBR		S	SSOP	28
ST3243ECTR	ST Microelectronics (STM)		MAX3243ECPWR		S	TSSOP	28
STG3157CTR	ST Microelectronics (STM)		SN74LVC1G3157DCKR		S	SC70/EIAJSC88	6
TA75393F	Toshiba Electronic Components		LM2903AVQDRQ1		S	SOP	8
TA75393F	Toshiba Electronic Components		LM2903AVQPWRQ1		S	SOP	8
TA75393FB	Toshiba Electronic Components		LM2903AVQDRQ1		S	SOP	8
TA75393FB	Toshiba Electronic Components		LM2903AVQPWRQ1		S	SOP	8
TA79L012P	Toshiba Electronic Components	lout differs	MC79L12ACLPR	Not available in magazine, use tubed	S	TO-92MOD	3
TC4013BFN	Toshiba Electronic Components	tpd differs	CD4013BM		S	SOIC	14
TC4013BFN-ELP	Toshiba Electronic Components	tpd differs	CD4013BMT		S	SOIC	14
TC4024BFN-ELP	Toshiba Electronic Components		CD4024BM96		S	SOL	14
TC4027BF	Toshiba Electronic Components	Schmitt trigger Clock input	CD4027BNSR	No Schmitt trigger on Clock input	Q	SOP-EIAJ-II	16
TC4027BFN	Toshiba Electronic Components	Schmitt trigger Clock input	CD4027BM	No Schmitt trigger on Clock input	Q	SOIC	16
TC4027BFN-ELP	Toshiba Electronic Components	tpd differs	CD4027BMT		S	SOIC	16
TC4027BP	Toshiba Electronic Components	Schmitt trigger Clock input	CD4027BE	No Schmitt trigger on Clock input	Q	PDIP	16
TC4069UBP	Toshiba Electronic Components		CD4069UBE		S	PDIP	14
TC4094BP	Toshiba Electronic Components		CD4094BE		S	PDIP	16
TC4512BP	Toshiba Electronic Components		CD4512BE		S	PDIP	16
TC4520BP	Toshiba Electronic Components		CD4520BE		S	PDIP	16
TC74AC00FN	Toshiba Electronic Components	tpd differs	SN74AC00D		S	SOIC	14
TC74AC00FN	Toshiba Electronic Components	tpd differs	SN74AC00DE4		S	SOIC	14
TC74AC00FN-ELP	Toshiba Electronic Components	tpd differs	CD74AC00M96		S	SOIC	14
TC74AC00FN-ELP	Toshiba Electronic Components	tpd differs	SN74AC00DR		S	SOIC	14
TC74AC00FN-ELP	Toshiba Electronic Components	tpd differs	SN74AC00DRE4		S	SOIC	14
TC74AC08FN	Toshiba Electronic Components		CD74AC08M		S	SOIC	14
TC74AC109FN-ELP	Toshiba Electronic Components	tpd differs	CD74AC109M96E4		S	SOIC	16
TC74AC112FN	Toshiba Electronic Components	tpd differs	CD74AC112ME4		S	SOIC	16
TC74AC112FN-ELP	Toshiba Electronic Components	tpd differs	CD74AC112M96E4		S	SOIC	16
TC74AC174FN	Toshiba Electronic Components	tpd differs	CD74AC174ME4		S	SOIC	16
TC74AC174FN-ELP	Toshiba Electronic Components	tpd differs	GD74AC174M96		S	SOIC	16
TC74AC174FN-ELP	Toshiba Electronic Components	tpd differs	CD74AC174M96E4		S	SOIC	16
TC74AC175FN	Toshiba Electronic Components	tpd differs	CD74AC175ME4		S	SOIC	16
TC74AC175FN-ELP	Toshiba Electronic Components	tpd differs	CD74AC175M96		S	SOIC	16
TC74AC175FN-ELP	Toshiba Electronic Components	tpd differs	CD74AC175M96E4		S	SOIC	16
TC74AC240FN	Toshiba Electronic Components	tpd, Vs differ	SN74AC240DW		S	SOIC	20
TC74AC240FN	Toshiba Electronic Components	tpd, Vs differ	SN74AC240DWE4		S	SOIC	20
TC74AC240FS	Toshiba Electronic Components	tpd, Vs differ	SN74AC240DBR		S	SSOP	20
TC74AC240FW	Toshiba Electronic Components	tpd, Vs differ	SN74AC240DW		S	SOIC	20
TC74AC240FW	Toshiba Electronic Components	tpd, Vs differ	SN74AC240DWE4		S	SOIC	20
TC74AC240FW-ELP	Toshiba Electronic Components	tpd, Vs differ	SN74AC240DWR		S	SOIC	20
TC74AC240FW-ELP	Toshiba Electronic Components	tpd, Vs differ	SN74AC240DWRE4		S	SOIC	20
TC74AC240P	Toshiba Electronic Components	tpd, Vs differ	SN74AC240N		S	PDIP	20
TC74AC240P	Toshiba Electronic Components	tpd, Vs differ	SN74AC240NE4		S	PDIP	20
TC74AC244FW-ELP	Toshiba Electronic Components	tpd differs	SN74AC244DWR		S	SOIC	20
TC74AC244P	Toshiba Electronic Components	tpd differs	SN74AC244N		S	PDIP	20
TC74AC245FW	Toshiba Electronic Components	tpd differs	SN74AC245DW		S	SOIC	20
TC74AC245FW-ELP	Toshiba Electronic Components	tpd differs	SN74AC245DWR		S	SOIC	20
TC74AC245P	Toshiba Electronic Components	tpd differs	SN74AC245N		S	PDIP	20
TC74AC273FW	Toshiba Electronic Components	tpd differs	CD74AC273ME4		S	SOIC	20
TC74AC273FW-ELP	Toshiba Electronic Components	tpd differs	CD74AC273M96E4		S	SOIC	20
TC74AC373FN	Toshiba Electronic Components	tpd differs	SN74AC373DW		S	SOIC	20
TC74AC373FS	Toshiba Electronic Components	tpd differs	SN74AC373DBR		S	SSOP	20
TC74AC373FT	Toshiba Electronic Components	tpd differs	SN74AC373PWR		S	TSSOP	20
TC74AC373FT-EL	Toshiba Electronic Components	tpd differs	SN74AC373PWR		S	TSSOP	20
TC74AC374FW	Toshiba Electronic Components		CD74AC374ME4		S	SOIC	20
TC74AC374FW	Toshiba Electronic Components	tpd differs	SN74AC374DWE4		S	SOIC	20
TC74AC374FW	Toshiba Electronic Components	tpd differs	SN74AC574DW		S	SOIC	20
TC74AC374FW-ELP	Toshiba Electronic Components		CD74AC374M96E4		S	SOIC	20
TC74AC374FW-ELP	Toshiba Electronic Components	tpd differs	SN74AC374DWR		S	SOIC	20
TC74AC374FW-ELP	Toshiba Electronic Components	tpd differs	SN74AC374DWRE4		S	SOIC	20
TC74AC374P	Toshiba Electronic Components	tpd differs	SN74AC374N		S	PDIP	20

ST3243EBTR — TC74AC374P

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
TC74AC374P	Toshiba Electronic Components	tpd differs	SN74AC574N		S	PDIP	20
TC74AC377FW	Toshiba Electronic Components	tpd differs	SN74AC374DW		S	SOIC	20
TC74AC377FW	Toshiba Electronic Components	tpd differs	SN74AC574DW		S	SOIC	20
TC74AC534F	Toshiba Electronic Components	tpd differs	SN74AC534NSR		S	SOP-EIAJ-II	20
TC74AC534FW	Toshiba Electronic Components	tpd differs	CD74AC534M96		S	SOIC	20
TC74AC573FT	Toshiba Electronic Components	tpd differs	SN74AC573PWR		S	TSSOP	20
TC74AC573FT-EL	Toshiba Electronic Components	tpd differs	SN74AC573PWR		S	TSSOP	20
TC74AC574FW	Toshiba Electronic Components	tpd differs	CD74AC574ME4		S	SOIC	20
TC74AC574FW	Toshiba Electronic Components	tpd differs	SN74AC374DW		S	SOIC	20
TC74AC574FW-ELP	Toshiba Electronic Components	tpd differs	CD74AC574M96E4		S	SOIC	20
TC74AC574FW-ELP	Toshiba Electronic Components	tpd differs	SN74AC574DWR		S	SOIC	20
TC74AC574P	Toshiba Electronic Components	tpd differs	SN74AC574N		S	PDIP	20
TC74AC74FN	Toshiba Electronic Components		CD74AC74ME4		S	SOIC	14
TC74AC74FN	Toshiba Electronic Components	tpd differs	SN74AC74DE4		S	SOIC	14
TC74AC74FN-ELP	Toshiba Electronic Components		CD74AC74M96E4		S	SOIC	14
TC74AC74FN-ELP	Toshiba Electronic Components	tpd differs	SN74AC74DR		S	SOIC	14
TC74AC74FN-ELP	Toshiba Electronic Components	tpd differs	SN74AC74DRE4		S	SOIC	14
TC74AC74P	Toshiba Electronic Components	tpd differs	SN74AC74N		S	PDIP	14
TC74AC86FN	Toshiba Electronic Components	tpd differs	CD74AC86M		S	SOIC	14
TC74AC86FN-ELP	Toshiba Electronic Components	tpd differs	CD74AC86M96		S	SOIC	14
TC74AC86P	Toshiba Electronic Components	tpd differs	CD74AC86E		S	PDIP	14
TC74ACT112FN	Toshiba Electronic Components	tpd differs	CD74ACT112ME4		S	SOIC	16
TC74ACT112FN-ELP	Toshiba Electronic Components	tpd differs	CD74ACT112M96E4		S	SOIC	16
TC74ACT14FN	Toshiba Electronic Components	tpd differs	CD74ACT14M		S	SOL	14
TC74ACT14FN	Toshiba Electronic Components	tpd differs	SN74ACT14DE4		S	SOL	14
TC74ACT14FN	Toshiba Electronic Components	tpd differs	SN74ACT14DRE4		S	SOL	14
TC74ACT14FS	Toshiba Electronic Components	tpd differs	SN74ACT14DBRE4		S	SSOP	14
TC74ACT14FT	Toshiba Electronic Components	tpd differs	SN74ACT14PW		S	TSSOP	14
TC74ACT14FT	Toshiba Electronic Components	tpd differs	SN74ACT14PWE4		S	TSSOP	14
TC74ACT14FT	Toshiba Electronic Components	tpd differs	SN74ACT14PWRG4		S	TSSOP	14
TC74ACT157FN	Toshiba Electronic Components	tpd differs	CD74ACT157M		S	SOIC	16
TC74ACT157P	Toshiba Electronic Components	tpd differs	CD74ACT157E		S	PDIP	16
TC74ACT161P	Toshiba Electronic Components		CD74ACT161E		S	PDIP	16
TC74ACT174FN	Toshiba Electronic Components	tpd differs	CD74ACT174ME4		S	SOIC	16
TC74ACT174FN-ELP	Toshiba Electronic Components	tpd differs	CD74ACT174M96E4		S	SOIC	16
TC74ACT175FN	Toshiba Electronic Components	tpd differs	CD74ACT175ME4		S	SOIC	16
TC74ACT175FN-ELP	Toshiba Electronic Components	tpd differs	CD74ACT175M96E4		S	SOIC	16
TC74ACT240FS	Toshiba Electronic Components	tpd differs	SN74ACT240DBR		S	SSOP	20
TC74ACT240FW-ELP	Toshiba Electronic Components	tpd differs	SN74ACT240DWR		S	SOIC	20
TC74ACT240P	Toshiba Electronic Components		SN74ACT240N		S	PDIP	20
TC74ACT244FS	Toshiba Electronic Components	tpd differs	SN74ACT244DBR		S	SSOP	20
TC74ACT244FW	Toshiba Electronic Components	tpd differs	SN74ACT244DW		S	SOIC	20
TC74ACT244FW	Toshiba Electronic Components	tpd differs	SN74ACT244DWE4		S	SOIC	20
TC74ACT244FW-ELP	Toshiba Electronic Components	tpd differs	SN74ACT244DWR		S	SOIC	20
TC74ACT257FN-ELP	Toshiba Electronic Components		CD74ACT257M96		S	SOIC	16
TC74ACT273FW	Toshiba Electronic Components	tpd differs	CD74ACT273ME4		S	SOIC	20
TC74ACT273FW-ELP	Toshiba Electronic Components	tpd differs	CD74ACT273M96E4		S	SOIC	20
TC74ACT373F	Toshiba Electronic Components	tpd, Vs differ	CD74ACT373M		S	SOP	20
TC74ACT373FS	Toshiba Electronic Components		SN74ACT373DBR		S	SSOP	20
TC74ACT373FT	Toshiba Electronic Components		SN74ACT373PW		S	TSSOP	20
TC74ACT373FT	Toshiba Electronic Components		SN74ACT373PWR		S	TSSOP	20
TC74ACT373FW	Toshiba Electronic Components	tpd, Vs differ	CD74ACT373M		S	SOL	20
TC74ACT373P	Toshiba Electronic Components		CD74ACT373E		S	PDIP	20
TC74ACT374FW	Toshiba Electronic Components	tpd differs	CD74ACT374ME4		S	SOIC	20
TC74ACT374FW	Toshiba Electronic Components	tpd differs	SN74ACT374DW		S	SOIC	20
TC74ACT374FW	Toshiba Electronic Components	tpd differs	SN74ACT374DWE4		S	SOIC	20
TC74ACT374FW	Toshiba Electronic Components	tpd differs	SN74ACT574DW		S	SOIC	20
TC74ACT374FW-ELP	Toshiba Electronic Components	tpd differs	CD74ACT374M96E4		S	SOIC	20
TC74ACT374FW-ELP	Toshiba Electronic Components	tpd differs	SN74ACT374DWR		S	SOIC	20
TC74ACT374FW-ELP	Toshiba Electronic Components	tpd differs	SN74ACT374DWR		S	SOIC	20
TC74ACT374FW-ELP	Toshiba Electronic Components	tpd differs	SN74ACT374DWR		S	SOIC	20
TC74ACT374P	Toshiba Electronic Components		SN74ACT574N		S	PDIP	20
TC74ACT541FS	Toshiba Electronic Components	tpd differs	CD74ACT541SM96		S	SSOP	20
TC74ACT573FW	Toshiba Electronic Components		CD74ACT573M		S	SOL	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
TC74ACT574FW	Toshiba Electronic Components	tpd differs	CD74ACT574ME4		S	SOIC	20
TC74ACT574FW	Toshiba Electronic Components	tpd differs	SN74ACT374DW		S	SOIC	20
TC74ACT574FW	Toshiba Electronic Components	tpd differs	SN74ACT574DW		S	SOIC	20
TC74ACT574FW	Toshiba Electronic Components	tpd differs	SN74ACT574DWE4		S	SOIC	20
TC74ACT574FW-ELP	Toshiba Electronic Components	tpd differs	CD74ACT574M96E4		S	SOIC	20
TC74ACT574FW-ELP	Toshiba Electronic Components	tpd differs	SN74ACT574DWR		S	SOIC	20
TC74ACT574FW-ELP	Toshiba Electronic Components	tpd differs	SN74ACT574DWRE4		S	SOIC	20
TC74ACT574P	Toshiba Electronic Components		SN74ACT374N		S	PDIP	20
TC74ACT74FN	Toshiba Electronic Components	tpd differs	CD74ACT74ME4		S	SOIC	14
TC74ACT74P	Toshiba Electronic Components		CD74ACT74E		S	PDIP	14
TC74HC03AFN	Toshiba Electronic Components		CD74HC03M		S	SOIC	14
TC74HC04AP	Toshiba Electronic Components	tpd differs	SN74HC04N		S	PDIP	14
TC74HC107AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC107M96		S	SOIC	14
TC74HC107AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC107M96E4		S	SOIC	14
TC74HC107AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC107MTE4		S	SOIC	14
TC74HC109AF	Toshiba Electronic Components	tpd differs	SN74HC109NSR		S	SOP-EIAJ-II	16
TC74HC109AFN	Toshiba Electronic Components	tpd differs	CD74HC109ME4		S	SOIC	16
TC74HC109AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC109M96E4		S	SOIC	16
TC74HC109AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC109MT		S	SOIC	16
TC74HC109AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC109MTE4		S	SOIC	16
TC74HC109AFN-ELP	Toshiba Electronic Components	tpd differs	SN74HC109DR		S	SOIC	16
TC74HC109AFN-ELP	Toshiba Electronic Components	tpd differs	SN74HC109DT		S	SOIC	16
TC74HC10AFN	Toshiba Electronic Components		CD74HC10M		S	SOIC	14
TC74HC112AF	Toshiba Electronic Components	tpd differs	CD74HC112NSR		S	SOP-EIAJ-II	16
TC74HC112AFN	Toshiba Electronic Components		SN74HC112DE4		S	SOIC	16
TC74HC112AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC112M96E4		S	SOIC	16
TC74HC112AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC112MTE4		S	SOIC	16
TC74HC112AFN-ELP	Toshiba Electronic Components		SN74HC112DR		S	SOIC	16
TC74HC112AFN-ELP	Toshiba Electronic Components		SN74HC112DRE4		S	SOIC	16
TC74HC112AFN-ELP	Toshiba Electronic Components		SN74HC112DT		S	SOIC	16
TC74HC112AFN-ELP	Toshiba Electronic Components		SN74HC112DTE4		S	SOIC	16
TC74HC112AP	Toshiba Electronic Components		SN74HC112N		S	PDIP	16
TC74HC125AFN	Toshiba Electronic Components	tpd differs	CD74HC125MT		S	SOIC	14
TC74HC125AFN	Toshiba Electronic Components	tpd differs	SN74HC125D		S	SOIC	14
TC74HC125AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC125MT		S	SOIC	14
TC74HC125AP	Toshiba Electronic Components	tpd differs	CD74HC125E		S	PDIP	14
TC74HC126AP	Toshiba Electronic Components	tpd differs	CD74HC126E		S	PDIP	14
TC74HC14AP	Toshiba Electronic Components		SN74HC14N		S	PDIP	14
TC74HC151AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC151MT		S	SOIC	16
TC74HC157AFN	Toshiba Electronic Components	tpd differs	CD74HC157M		S	SOIC	16
TC74HC157AFN	Toshiba Electronic Components	tpd differs	CD74HC157M96		S	SOIC	16
TC74HC157AFN	Toshiba Electronic Components	tpd differs	SN74HC157D		S	SOIC	16
TC74HC157AP	Toshiba Electronic Components	tpd differs	CD74HC157E		S	PDIP	16
TC74HC157AP	Toshiba Electronic Components	tpd differs	SN74HC157N		S	PDIP	16
TC74HC161AF	Toshiba Electronic Components		SN74HC161NSR		S	SOP-EIAJ-II	16
TC74HC161AF-EL	Toshiba Electronic Components		SN74HC161NSR		S	SOP-EIAJ-II	16
TC74HC161AFN	Toshiba Electronic Components		CD74HC161M		S	SOIC	16
TC74HC161AFN	Toshiba Electronic Components		CD74HC161M96		S	SOIC	16
TC74HC161AFN	Toshiba Electronic Components		SN74HC161D		S	SOIC	16
TC74HC161AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC161MT		S	SOIC	16
TC74HC161AP	Toshiba Electronic Components	tpd differs	CD74HC161E		S	PDIP	16
TC74HC161AP	Toshiba Electronic Components	tpd differs	SN74HC161N		S	PDIP	16
TC74HC163AF	Toshiba Electronic Components		SN74HC163NSR		S	SOP-EIAJ-II	16
TC74HC163AF-EL	Toshiba Electronic Components		SN74HC163NSR		S	SOP-EIAJ-II	16
TC74HC163AFN	Toshiba Electronic Components		CD74HC163M		S	SOIC	16
TC74HC163AFN	Toshiba Electronic Components		CD74HC163M96		S	SOIC	16
TC74HC163AFN	Toshiba Electronic Components		SN74HC163D		S	SOIC	16
TC74HC163AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC163MT		S	SOIC	16
TC74HC163AP	Toshiba Electronic Components	tpd differs	CD74HC163E		S	PDIP	16
TC74HC163AP	Toshiba Electronic Components	tpd differs	SN74HC163N		S	PDIP	16
TC74HC165AF	Toshiba Electronic Components		SN74HC165NSR		S	SOP-EIAJ-II	16
TC74HC165AF-EL	Toshiba Electronic Components		SN74HC165NSR		S	SOP	16
TC74HC165AFN	Toshiba Electronic Components	tpd differs	CD74HC165M		S	SOIC	16
TC74HC165AFN	Toshiba Electronic Components	tpd differs	CD74HC165M96		S	SOIC	16

TC74ACT574FW — TC74HC165AFN

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
TC74HC165AFN	Toshiba Electronic Components		SN74HC165D		S	SOIC	16
TC74HC165AFN(M)	Toshiba Electronic Components	tpd differs	CD74HC165M		S	SOIC	16
TC74HC165AFN(M)	Toshiba Electronic Components	tpd differs	CD74HC165M96		S	SOIC	16
TC74HC165AFN(M)	Toshiba Electronic Components	tpd differs	CD74HC165MT		S	SOIC	16
TC74HC165AFN(M)	Toshiba Electronic Components		SN74HC165D		S	SOIC	16
TC74HC165AFN(M)	Toshiba Electronic Components		SN74HC165DR		S	SOIC	16
TC74HC165AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC165MT		S	SOIC	16
TC74HC165AFN-ELP	Toshiba Electronic Components		SN74HC165DR		S	SOIC	16
TC74HC165AP	Toshiba Electronic Components	tpd differs	CD74HC165E		S	PDIP	16
TC74HC165AP	Toshiba Electronic Components		SN74HC165N		S	PDIP	16
TC74HC166AF	Toshiba Electronic Components		SN74HC166NSR		S	SOP-EIAJ-II	16
TC74HC166AFN	Toshiba Electronic Components		SN74HC166D		S	SOIC	16
TC74HC166AFN-ELP	Toshiba Electronic Components		SN74HC166DR		S	SOIC	16
TC74HC166AFN-ELP	Toshiba Electronic Components		SN74HC166DT		S	SOIC	16
TC74HC166AP	Toshiba Electronic Components		SN74HC166N		S	PDIP	16
TC74HC174AFN	Toshiba Electronic Components	tpd differs	CD74HC174ME4		S	SOIC	16
TC74HC174AFN	Toshiba Electronic Components	tpd differs	SN74HC174D		S	SOIC	16
TC74HC174AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC174MT		S	SOIC	16
TC74HC174AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC174MTE4		S	SOIC	16
TC74HC175AFN	Toshiba Electronic Components	tpd differs	SN74HC175D		S	SOIC	16
TC74HC175AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC175MT		S	SOIC	16
TC74HC240AF	Toshiba Electronic Components	tpd differs	SN74HC240NSR		S	SOP	20
TC74HC240AFW	Toshiba Electronic Components	tpd differs	SN74HC240DW		S	SOL	20
TC74HC240AP	Toshiba Electronic Components	tpd differs	CD74HC240E		S	PDIP	20
TC74HC240FW	Toshiba Electronic Components	tpd differs	SN74HC240DW		S	SOL	20
TC74HC240P	Toshiba Electronic Components	tpd differs	CD74HC240E		S	PDIP	20
TC74HC241AFW	Toshiba Electronic Components		SN74HC241DW		S	SOIC	20
TC74HC241AFW	Toshiba Electronic Components		SN74HC241DWE4		S	SOIC	20
TC74HC241AP	Toshiba Electronic Components	tpd differs	CD74HC241E		S	PDIP	20
TC74HC241AP	Toshiba Electronic Components		SN74HC241N		S	PDIP	20
TC74HC241AP	Toshiba Electronic Components		SN74HC241NE4		S	PDIP	20
TC74HC241FW	Toshiba Electronic Components		SN74HC241DW		S	SOIC	20
TC74HC241FW	Toshiba Electronic Components		SN74HC241DWE4		S	SOIC	20
TC74HC241P	Toshiba Electronic Components	tpd differs	CD74HC241E		S	PDIP	20
TC74HC241P	Toshiba Electronic Components		SN74HC241N		S	PDIP	20
TC74HC241P	Toshiba Electronic Components		SN74HC241NE4		S	PDIP	20
TC74HC244AFW	Toshiba Electronic Components		CD74HC244M96		S	SOIC	20
TC74HC244AP	Toshiba Electronic Components	tpd differs	CD74HC244E		S	PDIP	20
TC74HC244P	Toshiba Electronic Components	tpd differs	CD74HC244E		S	PDIP	20
TC74HC253AFN-ELP	Toshiba Electronic Components		SN74HC253DT		S	SOIC	16
TC74HC259AF	Toshiba Electronic Components		SN74HC259D		S	SOP	16
TC74HC259AF	Toshiba Electronic Components		SN74HC259PWR		S	SOP	16
TC74HC259AFN	Toshiba Electronic Components		CD74HC259M		S	SOL	16
TC74HC259AFN-ELP	Toshiba Electronic Components		SN74HC259DR		S	SOL	16
TC74HC259AFN-ELP	Toshiba Electronic Components		SN74HC259DT		S	SOL	16
TC74HC259AP	Toshiba Electronic Components		CD74HC259E		S	PDIP	16
TC74HC259AP	Toshiba Electronic Components		SN74HC259N		S	PDIP	16
TC74HC273AFW	Toshiba Electronic Components	tpd differs	CD74HC273ME4		S	SOIC	20
TC74HC273AFW-ELP	Toshiba Electronic Components	tpd differs	CD74HC273M96E4		S	SOIC	20
TC74HC365AFN-ELP	Toshiba Electronic Components	tpd differs	SN74HC365D		S	SOIC	16
TC74HC365AFN-ELP	Toshiba Electronic Components	tpd differs	SN74HC365DR		S	SOIC	16
TC74HC365AFN-ELP	Toshiba Electronic Components	tpd differs	SN74HC365DRE4		S	SOIC	16
TC74HC365AP	Toshiba Electronic Components	tpd, Vs differ	CD74HC365E		S	PDIP	16
TC74HC366AP	Toshiba Electronic Components	tpd, Vs differ	CD74HC366E		S	PDIP	16
TC74HC367AFN	Toshiba Electronic Components	tpd differs	CD74HC367MT		S	SOIC	16
TC74HC367AFN	Toshiba Electronic Components		SN74HC367D		S	SOIC	16
TC74HC367AFN	Toshiba Electronic Components		SN74HC367DE4		S	SOIC	16
TC74HC367AFN	Toshiba Electronic Components		SN74HC367DT		S	SOIC	16
TC74HC367AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC367MT		S	SOIC	16
TC74HC367AFN-ELP	Toshiba Electronic Components		SN74HC367DR		S	SOIC	16
TC74HC367AFN-ELP	Toshiba Electronic Components		SN74HC367DRE4		S	SOIC	16
TC74HC367AFN-ELP	Toshiba Electronic Components		SN74HC367DT		S	SOIC	16
TC74HC367FN	Toshiba Electronic Components	tpd differs	CD74HC367MT		S	SOIC	16
TC74HC367FN	Toshiba Electronic Components		SN74HC367D		S	SOIC	16

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
TC74HC367FN	Toshiba Electronic Components		SN74HC367DE4		S	SOIC	16
TC74HC367FN	Toshiba Electronic Components		SN74HC367DT		S	SOIC	16
TC74HC368AFN	Toshiba Electronic Components	tpd differs	CD74HC368MT		S	SOIC	16
TC74HC368AFN	Toshiba Electronic Components		SN74HC368D		S	SOIC	16
TC74HC368AFN	Toshiba Electronic Components		SN74HC368DE4		S	SOIC	16
TC74HC368AFN	Toshiba Electronic Components		SN74HC368DT		S	SOIC	16
TC74HC368AFN	Toshiba Electronic Components		SN74HC368DTE4		S	SOIC	16
TC74HC368AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC368MT		S	SOIC	16
TC74HC368AFN-ELP	Toshiba Electronic Components		SN74HC368DR		S	SOIC	16
TC74HC368AFN-ELP	Toshiba Electronic Components		SN74HC368DRE4		S	SOIC	16
TC74HC368AFN-ELP	Toshiba Electronic Components		SN74HC368DT		S	SOIC	16
TC74HC368AP	Toshiba Electronic Components		SN74HC368N		S	PDIP	16
TC74HC368FN	Toshiba Electronic Components	tpd differs	CD74HC368MT		S	SOIC	16
TC74HC368FN	Toshiba Electronic Components		SN74HC368D		S	SOIC	16
TC74HC368FN	Toshiba Electronic Components		SN74HC368DE4		S	SOIC	16
TC74HC368FN	Toshiba Electronic Components		SN74HC368DT		S	SOIC	16
TC74HC368FN	Toshiba Electronic Components		SN74HC368DTE4		S	SOIC	16
TC74HC368P	Toshiba Electronic Components		SN74HC368N		S	PDIP	16
TC74HC373AFW	Toshiba Electronic Components	tpd differs	SN74HC373DWW		S	SOL	20
TC74HC373AFW-ELP	Toshiba Electronic Components	tpd differs	SN74HC373DWR		S	SOL	20
TC74HC374AFW	Toshiba Electronic Components	tpd differs	CD74HC374ME4		S	SOIC	20
TC74HC374AFW	Toshiba Electronic Components	tpd differs	SN74HC574DW		S	SOIC	20
TC74HC374AFW-ELP	Toshiba Electronic Components	tpd differs	CD74HC374M96E4		S	SOIC	20
TC74HC374AFW-ELP	Toshiba Electronic Components	tpd differs	SN74HC574DWR		S	SOIC	20
TC74HC377AFW	Toshiba Electronic Components	tpd differs	SN74HC377DWE4		S	SOIC	20
TC74HC393AFN	Toshiba Electronic Components		SN74HC393D		S	SOIC	14
TC74HC393AP	Toshiba Electronic Components		SN74HC393N		S	PDIP	14
TC74HC4020AF-EL	Toshiba Electronic Components	Tpd differs	SN74HC4020NSR		S	SOP-EIAJ-II	16
TC74HC4020AFN	Toshiba Electronic Components	tpd differs	SN74HC4020D		S	SOIC	16
TC74HC4020AP	Toshiba Electronic Components	tpd differs	SN74HC4020N		S	PDIP	16
TC74HC4040AF-EL	Toshiba Electronic Components	Tpd differs	SN74LV4040ANSR		S	SOP-EIAJ-II	16
TC74HC4040AFN	Toshiba Electronic Components	tpd differs	SN74HC4040D		S	SOL	16
TC74HC4040AFN	Toshiba Electronic Components	tpd differs	SN74LV4040AD		S	SOIC	16
TC74HC4040AP	Toshiba Electronic Components	tpd differs	SN74HC4040N		S	PDIP	16
TC74HC4049AF	Toshiba Electronic Components	tpd differs	CD74HC4049NSR		S	SOP-EIAJ-II	16
TC74HC4049AFN	Toshiba Electronic Components	tpd differs	CD74HC4049MT		S	SOIC	16
TC74HC4049AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC4049MT		S	SOIC	16
TC74HC4049AP	Toshiba Electronic Components	tpd differs	CD74HC4049E		S	PDIP	16
TC74HC4050AF	Toshiba Electronic Components	tpd differs	CD74HC4050NSR		S	SOP-EIAJ-II	16
TC74HC4050AFN	Toshiba Electronic Components	tpd differs	CD74HC4050MT		S	SOIC	16
TC74HC4050AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC4050MT		S	SOIC	16
TC74HC4051AFT	Toshiba Electronic Components	Ron, toff, ton, Vs differ	CD74HC4051PWR		S	TSSOP	16
TC74HC4051AFT TEL	Toshiba Electronic Components		CD74HC4051PWR		S	TSSOP	16
TC74HC4051AFT-EL	Toshiba Electronic Components	Vs differs	CD74HC4051PWR		S	TSSOP	16
TC74HC4075AF	Toshiba Electronic Components		CD74HC4075NSR		S	SOP-EIAJ-II	14
TC74HC4075AP	Toshiba Electronic Components		CD74HC4075E		S	PDIP	14
TC74HC4094AF	Toshiba Electronic Components	tpd differs	CD74HC4094NSR		S	SOP-EIAJ-II	16
TC74HC4094AFN	Toshiba Electronic Components	tpd differs	CD74HC4094M		S	SOIC	16
TC74HC4094AFN	Toshiba Electronic Components	tpd differs	CD74HC4094M96		S	SOIC	16
TC74HC4094AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC4094MT		S	SOL	16
TC74HC4094AP	Toshiba Electronic Components	tpd differs	CD74HC4094E		S	PDIP	16
TC74HC540AFW	Toshiba Electronic Components	tpd differs	SN74HC540DW		S	SOIC	20
TC74HC540AFW	Toshiba Electronic Components	tpd differs	SN74HC540DWE4		S	SOIC	20
TC74HC540AFW-ELP	Toshiba Electronic Components	tpd differs	SN74HC540DWR		S	SOIC	20
TC74HC540AP	Toshiba Electronic Components	tpd differs	CD74HC540E		S	PDIP	20
TC74HC541AFW	Toshiba Electronic Components	tpd differs	SN74HC541DW		S	SOIC	20
TC74HC541AFW	Toshiba Electronic Components	tpd differs	SN74HC541DWE4		S	SOIC	20
TC74HC541AP	Toshiba Electronic Components	tpd differs	CD74HC541E		S	PDIP	20
TC74HC573AFW	Toshiba Electronic Components		CD74HC573M		S	SOL	20
TC74HC573AFW	Toshiba Electronic Components		SN74HC573ADW		S	SOL	20
TC74HC573AP	Toshiba Electronic Components		CD74HC573E		S	PDIP	20
TC74HC573AP	Toshiba Electronic Components		SN74HC573AN		S	PDIP	20
TC74HC574AFW	Toshiba Electronic Components	tpd differs	CD74HC574ME4		S	SOIC	20
TC74HC574AFW-ELP	Toshiba Electronic Components	tpd differs	CD74HC574M96E4		S	SOIC	20

TC74HC367FN — TC74HC574AFW-ELP

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
TC74HC574AFW-ELP	Toshiba Electronic Components	tpd differs	SN74HC574DWR		S	SOIC	20
TC74HC595AF	Toshiba Electronic Components	tpd differs	CD74HC595NSR		S	SOP-EIAJ-II	16
TC74HC595AF	Toshiba Electronic Components	tpd differs	SN74HC595NSR		S	SOP-EIAJ-II	16
TC74HC595AF-EL	Toshiba Electronic Components	tpd differs	CD74HC595NSR		S	SOP-EIAJ-II	16
TC74HC595AF-EL	Toshiba Electronic Components	tpd differs	SN74HC595NSR		S	SOP-EIAJ-II	16
TC74HC595AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC595DWR		S	SOIC	16
TC74HC595AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC595MT		S	SOIC	16
TC74HC595AFN-ELP	Toshiba Electronic Components	tpd differs	SN74HC595DR		S	SOIC	16
TC74HC595AFN-ELP	Toshiba Electronic Components	tpd differs	SN74HC595DT		S	SOIC	16
TC74HC595AFN-ELP	Toshiba Electronic Components	tpd differs	SN74HC595DWR		S	SOIC	16
TC74HC595AN	Toshiba Electronic Components	tpd differs	CD74HC595E		S	PDIP	16
TC74HC595AN	Toshiba Electronic Components	tpd differs	SN74HC595N		S	PDIP	16
TC74HC595AP	Toshiba Electronic Components	tpd differs	CD74HC595E		S	PDIP	16
TC74HC595AP	Toshiba Electronic Components	tpd differs	SN74HC595N		S	PDIP	16
TC74HC74AFN	Toshiba Electronic Components	tpd differs	CD74HC74ME4		S	SOIC	14
TC74HC74AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC74M96E4		S	SOIC	14
TC74HC74AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC74MT		S	SOIC	14
TC74HC74AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HC74MTE4		S	SOIC	14
TC74HC74AFW	Toshiba Electronic Components	tpd differs	SN74HC74D		S	SOIC	14
TC74HCT04AFN	Toshiba Electronic Components	tpd differs	CD74HCT04M		S	SOL	14
TC74HCT174AFN	Toshiba Electronic Components	tpd differs	CD74HCT174ME4		S	SOIC	16
TC74HCT174AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HCT174M96E4		S	SOIC	16
TC74HCT174AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HCT174MT		S	SOIC	16
TC74HCT174AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HCT174MTE4		S	SOIC	16
TC74HCT240AFW	Toshiba Electronic Components		SN74HCT240DW		S	SOIC	20
TC74HCT240AFW	Toshiba Electronic Components		SN74HCT240DWE4		S	SOIC	20
TC74HCT240AFW-ELP	Toshiba Electronic Components		SN74HCT240DWR		S	SOIC	20
TC74HCT240AP	Toshiba Electronic Components		CD74HCT240E		S	PDIP	20
TC74HCT244AP	Toshiba Electronic Components		CD74HCT244E		S	PDIP	20
TC74HCT273AFW	Toshiba Electronic Components	tpd differs	CD74HCT273ME4		S	SOIC	20
TC74HCT273AFW-ELP	Toshiba Electronic Components	tpd differs	CD74HCT273M96E4		S	SOIC	20
TC74HCT273AFW-ELP	Toshiba Electronic Components	tpd differs	SN74HCT273DWR		S	SOIC	20
TC74HCT373AF	Toshiba Electronic Components	tpd differs	SN74HCT373NSR		S	SOP	20
TC74HCT373AF-EL	Toshiba Electronic Components	tpd differs	SN74HCT373NSR		S	SOP	20
TC74HCT373AFW	Toshiba Electronic Components	tpd differs	SN74HCT373DW		S	SOL	20
TC74HCT373AP	Toshiba Electronic Components	tpd differs	SN74HCT373N		S	PDIP	20
TC74HCT374AFW	Toshiba Electronic Components	tpd differs	CD74HCT374ME4		S	SOIC	20
TC74HCT374AFW-ELP	Toshiba Electronic Components	tpd differs	CD74HCT374M96E4		S	SOIC	20
TC74HCT540AFW	Toshiba Electronic Components		SN74HCT540DW		S	SOIC	20
TC74HCT540AFW-ELP	Toshiba Electronic Components		SN74HCT540DWR		S	SOIC	20
TC74HCT540AP	Toshiba Electronic Components	tpd differs	CD74HCT540E		S	PDIP	20
TC74HCT540AP	Toshiba Electronic Components		SN74HCT540N		S	PDIP	20
TC74HCT541AFW	Toshiba Electronic Components		SN74HCT541DW		S	SOIC	20
TC74HCT541AFW	Toshiba Electronic Components		SN74HCT541DWE4		S	SOIC	20
TC74HCT541AP	Toshiba Electronic Components	tpd differs	CD74HCT541E		S	PDIP	20
TC74HCT574AFW	Toshiba Electronic Components	tpd differs	CD74HCT574ME4		S	SOIC	20
TC74HCT574AFW	Toshiba Electronic Components	tpd differs	SN74HCT574DW		S	SOIC	20
TC74HCT574AFW-ELP	Toshiba Electronic Components	tpd differs	CD74HCT574M96E4		S	SOIC	20
TC74HCT574AFW-ELP	Toshiba Electronic Components	tpd differs	CD74HCT574QM96Q1		S	SOIC	20
TC74HCT74AFN	Toshiba Electronic Components	tpd differs	CD74HCT74ME4		S	SOIC	14
TC74HCT74AFN	Toshiba Electronic Components	tpd differs	SN74HCT74D		S	SOIC	14
TC74HCT74AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HCT74M96E4		S	SOIC	14
TC74HCT74AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HCT74MT		S	SOIC	14
TC74HCT74AFN-ELP	Toshiba Electronic Components	tpd differs	CD74HCT74MTE4		S	SOIC	14
TC74LCX04FT-EL	Toshiba Electronic Components	tpd differs	SN74LVC04APWR		S	TSSOP	14
TC74LCX16373AFT	Toshiba Electronic Components	tpd differs	SN74LVC16373ADGGR		S	TSSOP	48
TC74LCX16373AFT	Toshiba Electronic Components	Vs differs	SN74LVC16373DGGR		S	TSSOP	48
TC74LCX16373AFT-EL	Toshiba Electronic Components		SN74LVC16373ADGGR		S	TSSOP	48
TC74LCX16373AFT-EL	Toshiba Electronic Components		SN74LVC16373ADGGR		S	TSSOP	48
TC74LCX16373AFT-EL	Toshiba Electronic Components	Vs differs	SN74LVC16373DGGR		S	TSSOP	48
TC74LCX373F-EL	Toshiba Electronic Components		SN74LVC373ANSR		S	SOP	20
TC74LCX373FT	Toshiba Electronic Components		SN74LVC373APW		S	TSSOP	20
TC74LCX373FT-EL	Toshiba Electronic Components		SN74LVC373APWR		S	TSSOP	20

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
TC74LCX573F-EL	Toshiba Electronic Components		SN74LVC573ANSR		S	SOP	20
TC74LCX573FT	Toshiba Electronic Components		SN74LVC573APWR		S	TSSOP	20
TC74LCX573FT-EL	Toshiba Electronic Components		SN74LVC573APWR		S	TSSOP	20
TC74LVX04FT	Toshiba Electronic Components	tpd, Vs differ	SN74LV04APW		S	TSSOP	14
TC74LVX04FT-EL	Toshiba Electronic Components	tpd, Vs differ	SN74LV04APWR		S	TSSOP	14
TC74LVX14FT	Toshiba Electronic Components	Vs differs	SN74LV14APW		S	TSSOP	14
TC74LVX14FT-EL	Toshiba Electronic Components	Vs differs	SN74LV14APWR		S	TSSOP	14
TC74LVX157FT-EL	Toshiba Electronic Components	tpd, Vs differ	SN74LV157APWR		S	TSSOP	16
TC74LVX174F	Toshiba Electronic Components	tpd differs	SN74AHC174NSR		S	SOP-EIAJ-II	16
TC74LVX373FT	Toshiba Electronic Components	tpd, Vs differ	SN74LV373APW		S	TSSOP	20
TC74LVX373FW	Toshiba Electronic Components	tpd, Vs differ	SN74LV373ADW		S	SOL	20
TC74LVX4245FS	Toshiba Electronic Components		SN74LVC4245ADBR	Higher performance than LVX, Packages differ but are very similar dimensionally	Q	SSOP	24
TC74LVX573FT	Toshiba Electronic Components	tpd, Vs differ	SN74LV573APW		S	TSSOP	20
TC74LVX573FW	Toshiba Electronic Components	tpd, Vs differ	SN74LV573ADW		S	SOL	20
TC74LVXC3245FS	Toshiba Electronic Components	tpd differs	SN74LVCC3245ADBR		S	SSOP	24
TC74VCH162373FT	Toshiba Electronic Components	No bus-hold	SN74ALVCH162373GR	Bus-hold,	Q	TSSOP	48
TC74VCH16373FT	Toshiba Electronic Components	tpd differs	SN74ALVCH16373DGGR		S	TSSOP	48
TC74VCH16373FT-EL	Toshiba Electronic Components	tpd differs	SN74ALVCH16373DGGR		S	TSSOP	48
TC74VHC00FT-EL	Toshiba Electronic Components		SN74AHC00PWR		S	TSSOP	14
TC74VHC00FT-EL	Toshiba Electronic Components		SN74AHC00PWR		S	TSSOP	14
TC74VHC04F	Toshiba Electronic Components	tpd differs	SN74AHC04NSR		S	SOP	14
TC74VHC04F-EL	Toshiba Electronic Components	tpd differs	SN74AHC04NSR		S	SOP	14
TC74VHC14FT-EL	Toshiba Electronic Components		SN74LV14APWR		S	TSSOP	14
TC74VHC14FT-EL	Toshiba Electronic Components		SN74LV14APWR		S	TSSOP	14
TC74VHC157FN	Toshiba Electronic Components		SN74AHC157D		S	SOIC	16
TC74VHC164F	Toshiba Electronic Components		SN74LV164ANSR		S	SOP-EIAJ-II	14
TC74VHC164F-EL	Toshiba Electronic Components		SN74LV164ANSR		S	SOP-EIAJ-II	14
TC74VHC164FN	Toshiba Electronic Components		SN74LV164AD		S	SOIC	14
TC74VHC164FN-ELP	Toshiba Electronic Components		SN74LV164ADR		S	SOIC	14
TC74VHC164FT	Toshiba Electronic Components		SN74LV164APW		S	TSSOP	14
TC74VHC164FT	Toshiba Electronic Components		SN74LV164APWR		S	TSSOP	14
TC74VHC373F	Toshiba Electronic Components		SN74AHC373NSR		S	SOP	20
TC74VHC373F-EL	Toshiba Electronic Components		SN74AHC373NSR		S	SOP	20
TC74VHC373FW	Toshiba Electronic Components		SN74AHC373DW		S	SOL	20
TC74VHC373FW-ELP	Toshiba Electronic Components		SN74LV373ADWR		S	SOL	20
TC74VHC573F-EL	Toshiba Electronic Components		SN74AHC573NSR		S	SOP	20
TC74VHC573FT	Toshiba Electronic Components		SN74AHC573PW		S	TSSOP	20
TC74VHC573FT-EL	Toshiba Electronic Components		SN74AHC573PWR		S	TSSOP	20
TC74VHCT00AFN	Toshiba Electronic Components		SN74AHCT00D		S	SOIC	14
TC74VHCT00AFN-ELP	Toshiba Electronic Components		SN74AHCT00DR		S	SOIC	14
TC74VHCT04AF-EL	Toshiba Electronic Components		SN74AHCT04NSR		S	SOP	14
TC74VHCT138AF	Toshiba Electronic Components		SN74LV138ATNSR		S	SOP	16
TC74VHCT138AFEL	Toshiba Electronic Components		SN74LV138ATNSR		S	SOP-EIAJ-II	16
TC74VHCT138AFN	Toshiba Electronic Components		SN74LV138ATD		S	SOIC	16
TC74VHCT138AFNEL	Toshiba Electronic Components		SN74LV138ATDR		S	SOIC	16
TC74VHCT138AFT	Toshiba Electronic Components		SN74LV138ATPW		S	TSSOP	16
TC74VHCT138AFT-EL	Toshiba Electronic Components		SN74LV138ATPWR		S	TSSOP	16
TC74VHCT138AFT-EL	Toshiba Electronic Components		SN74LV138ATPWR		S	TSSOP	16
TC74VHCT244AF	Toshiba Electronic Components		SN74LV244ATNSR		S	SOP-EIAJ-II	20
TC74VHCT244AFEL	Toshiba Electronic Components		SN74LV244ATNSR		S	SOP-EIAJ-II	20
TC74VHCT244AF-EL	Toshiba Electronic Components	tpd, Vs differ	SN74LV244ATNSR		S	SOP-EIAJ-II	20
TC74VHCT244AFT	Toshiba Electronic Components		SN74LV244ATPW		S	TSSOP	20
TC74VHCT244AFT-EL	Toshiba Electronic Components		SN74LV244ATPWR		S	TSSOP	20
TC74VHCT244AFW	Toshiba Electronic Components		SN74LV244ATDW		S	SOIC	20
TC74VHCT244AFWEL	Toshiba Electronic Components		SN74LV244ATDWR		S	SOIC	20
TC74VHCT245AF	Toshiba Electronic Components		SN74LV245ATNSR		S	SOP-EIAJ-II	20
TC74VHCT245AFEL	Toshiba Electronic Components		SN74LV245ATNSR		S	SOP-EIAJ-II	20
TC74VHCT245AF-EL	Toshiba Electronic Components		SN74LV245ATNSR		S	SOP	20
TC74VHCT245AFT	Toshiba Electronic Components		SN74LV245ATPW		S	TSSOP	20
TC74VHCT245AFT-EL	Toshiba Electronic Components		SN74LV245ATPWR		S	TSSOP	20
TC74VHCT245AFW	Toshiba Electronic Components		SN74LV245ATDW		S	SOIC	20

TC74LCX573F-EL — TC74VHCT245AFW

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
TC74VHCT245AFWEL	Toshiba Electronic Components		SN74LV245ATDWR		S	SOIC	20
TC74VHCT373AF	Toshiba Electronic Components		SN74AHCT373NSR		S	SOP	20
TC74VHCT373AF	Toshiba Electronic Components		SN74LV373ATNSR		S	SOP	20
TC74VHCT373AFEL	Toshiba Electronic Components		SN74LV373ATNSR		S	SOP-EIAJ-II	20
TC74VHCT373AFT	Toshiba Electronic Components		SN74AHCT373PW		S	TSSOP	20
TC74VHCT373AFT	Toshiba Electronic Components		SN74LV373ATPW		S	TSSOP	20
TC74VHCT373AFTEL	Toshiba Electronic Components		SN74LV373ATPWR		S	TSSOP	20
TC74VHCT373AFT-EL	Toshiba Electronic Components		SN74LV373ATPWR		S	TSSOP	20
TC74VHCT373AFW	Toshiba Electronic Components		SN74LV373ATDW		S	SOIC	20
TC74VHCT373AFWEL	Toshiba Electronic Components		SN74LV373ATDWR		S	SOIC	20
TC74VHCT541AF	Toshiba Electronic Components	tpd, Vs differ	SN74AHCT541NSR		S	SOP-EIAJ-II	20
TC74VHCT541AF	Toshiba Electronic Components		SN74LV541ATNSR		S	SOP-EIAJ-II	20
TC74VHCT541AFEL	Toshiba Electronic Components		SN74LV541ATNSR		S	SOP-EIAJ-II	20
TC74VHCT541AF-EL	Toshiba Electronic Components	Tpd differs	SN74LV541ATNSR		S	SOP-EIAJ-II	20
TC74VHCT541AFT	Toshiba Electronic Components		SN74LV541ATPW		S	TSSOP	20
TC74VHCT541AFTEL	Toshiba Electronic Components		SN74LV541ATPWR		S	TSSOP	20
TC74VHCT541AFT-EL	Toshiba Electronic Components	tpd differs	SN74LV541ATPWR		S	TSSOP	20
TC74VHCT541AFW	Toshiba Electronic Components		SN74LV541ATDW		S	SOIC	20
TC74VHCT541AFWEL	Toshiba Electronic Components		SN74LV541ATDWR		S	SOIC	20
TC74VHCT573AF	Toshiba Electronic Components		SN74LV573ATNSR		S	SOP-EIAJ-II	20
TC74VHCT573AFEL	Toshiba Electronic Components		SN74LV573ATNSR		S	SOP-EIAJ-II	20
TC74VHCT573AFT	Toshiba Electronic Components		SN74LV573ATPW		S	TSSOP	20
TC74VHCT573AFTEL	Toshiba Electronic Components		SN74LV573ATPWR		S	TSSOP	20
TC74VHCT573AFT-EL	Toshiba Electronic Components		SN74LV573ATPWR		S	TSSOP	20
TC74VHCT573AFW	Toshiba Electronic Components		SN74LV573ATDW		S	SOIC	20
TC74VHCT573AFWEL	Toshiba Electronic Components		SN74LV573ATDWR		S	SOIC	20
TC74VHCT74FN	Toshiba Electronic Components		SN74AHCT74D		S	SOIC	14
TC74VHCT74FN-ELP	Toshiba Electronic Components		SN74AHCT74DR		S	SOIC	14
TC74VHCU04F	Toshiba Electronic Components	tpd differs	SN74AHC04NSR		S	SOP	14
TC74VHCU04F-EL	Toshiba Electronic Components	tpd differs	SN74AHC04NSR		S	SOP	14
TC7S00F	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G00DBVR	Faster, slightly lower max Vcc	Q	SMV/SOT-23	5
TC7S00FTE85L	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G00DBVR	Faster, slightly lower max Vcc	Q	SMV/SOT-23	5
TC7S00FU	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G00DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
TC7S00FUTE85L	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G00DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
TC7S02F	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G02DBVR	Faster, slightly lower max Vcc	Q	SMV/SOT-23	5
TC7S02FTE85L	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G02DBVR	Faster, slightly lower max Vcc	Q	SMV/SOT-23	5
TC7S02FU	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G02DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
TC7S02FUTE85L	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G02DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
TC7S04F	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G04DBVR	Faster, slightly lower max Vcc	Q	SMV/SOT-23	5
TC7S04FTE85L	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G04DBVR	Faster, slightly lower max Vcc	Q	SMV/SOT-23	5
TC7S04FU	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G04DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
TC7S04FUTE85L	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G04DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
TC7S08F	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G08DBVR	Faster, slightly lower max Vcc	Q	SMV/SOT-23	5
TC7S08FTE85L	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G08DBVR	Faster, slightly lower max Vcc	Q	SMV/SOT-23	5
TC7S08FU	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G08DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
TC7S08FUTE85L	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G08DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
TC7S14F	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G14DBVR	Faster, slightly lower max Vcc	Q	SMV/SOT-23	5
TC7S14FTE85L	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G14DBVR	Faster, slightly lower max Vcc	Q	SMV/SOT-23	5
TC7S14FU	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G14DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
TC7S14FUTE85L	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G14DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
TC7S32F	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G32DBVR	Faster, slightly lower max Vcc	Q	SMV/SOT-23	5
TC7S32FTE85L	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G32DBVR	Faster, slightly lower max Vcc	Q	SMV/SOT-23	5
TC7S32FU	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G32DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
TC7S32FUTE85L	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G32DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
TC7S86F	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G86DBVR	Faster, slightly lower max Vcc	Q	SMV/SOT-23	5
TC7S86FTE85L	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G86DBVR	Faster, slightly lower max Vcc	Q	SMV/SOT-23	5
TC7S86FU	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G86DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
TC7S86FUTE85L	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1G86DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
TC7SB384FU	Toshiba Electronic Components		SN74CBT1G384DCKR		S	SC70/EIAJSC88	5
TC7SB384FUTE85L	Toshiba Electronic Components		SN74CBT1G384DCKR		S	SC70/EIAJSC88	5
TC7SET00F	Toshiba Electronic Components		SN74AHCT1G00DBVR		S	SMV/SOT-23	5
TC7SET00FTE85L	Toshiba Electronic Components		SN74AHCT1G00DBVR		S	SMV/SOT-23	5
TC7SET00FU	Toshiba Electronic Components		SN74AHCT1G00DCKR		S	SC70/EIAJSC88	5
TC7SET00FUTE85L	Toshiba Electronic Components		SN74AHCT1G00DCKR		S	SC70/EIAJSC88	5

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
TC7SET02F	Toshiba Electronic Components		SN74AHCT1G02DBVR		S	SMV/SOT-23	5
TC7SET02FTE85L	Toshiba Electronic Components		SN74AHCT1G02DBVR		S	SMV/SOT-23	5
TC7SET02FU	Toshiba Electronic Components		SN74AHCT1G02DCKR		S	SC70/EIAJSC88	5
TC7SET02FUTE85L	Toshiba Electronic Components		SN74AHCT1G02DCKR		S	SC70/EIAJSC88	5
TC7SET04F	Toshiba Electronic Components		SN74AHCT1G04DBVR		S	SMV/SOT-23	5
TC7SET04FTE85L	Toshiba Electronic Components		SN74AHCT1G04DBVR		S	SMV/SOT-23	5
TC7SET04FU	Toshiba Electronic Components		SN74AHCT1G04DCKR		S	SC70/EIAJSC88	5
TC7SET04FUTE85L	Toshiba Electronic Components		SN74AHCT1G04DCKR		S	SC70/EIAJSC88	5
TC7SET08F	Toshiba Electronic Components		SN74AHCT1G08DBVR		S	SMV/SOT-23	5
TC7SET08FTE85L	Toshiba Electronic Components		SN74AHCT1G08DBVR		S	SMV/SOT-23	5
TC7SET08FU	Toshiba Electronic Components		SN74AHCT1G08DCKR		S	SC70/EIAJSC88	5
TC7SET08FUTE85L	Toshiba Electronic Components		SN74AHCT1G08DCKR		S	SC70/EIAJSC88	5
TC7SET32F	Toshiba Electronic Components		SN74AHCT1G32DBVR		S	SMV/SOT-23	5
TC7SET32FTE85L	Toshiba Electronic Components		SN74AHCT1G32DBVR		S	SMV/SOT-23	5
TC7SET32FU	Toshiba Electronic Components		SN74AHCT1G32DCKR		S	SC70/EIAJSC88	5
TC7SET32FUTE85L	Toshiba Electronic Components		SN74AHCT1G32DCKR		S	SC70/EIAJSC88	5
TC7SG00FE	Toshiba Electronic Components	Vcc = 0.9V to 3.6V	SN74AUP1G00DRLR	Vcc = 0.8V to 3.6V	S	SOT-553	5
TC7SG02FE	Toshiba Electronic Components	Vcc = 0.9V to 3.6V	SN74AUP1G02DRLR	Vcc = 0.8V to 3.6V	S	SOT-553	5
TC7SG04FE	Toshiba Electronic Components	Vcc = 0.9V to 3.6V	SN74AUP1G04DRLR	Vcc = 0.8V to 3.6V	S	SOT-553	5
TC7SG08FE	Toshiba Electronic Components	Vcc = 0.9V to 3.6V	SN74AUP1G08DRLR	Vcc = 0.8V to 3.6V	S	SOT-553	5
TC7SG125FE	Toshiba Electronic Components	Vcc = 0.9V to 3.6V	SN74AUP1G125DRLR	Vcc = 0.8V to 3.6V	S	SOT-553	5
TC7SG126FE	Toshiba Electronic Components	Vcc = 0.9V to 3.6V	SN74AUP1G126DRLR	Vcc = 0.8V to 3.6V	S	SOT-553	5
TC7SG14FE	Toshiba Electronic Components	Vcc = 0.9V to 3.6V	SN74AUP1G14DRLR	Vcc = 0.8V to 3.6V	S	SOT-553	5
TC7SG17FE	Toshiba Electronic Components	Vcc = 0.9V to 3.6V	SN74AUP1G17DRLR	Vcc = 0.8V to 3.6V	S	SOT-553	5
TC7SG32FE	Toshiba Electronic Components	Vcc = 0.9V to 3.6V	SN74AUP1G32DRLR	Vcc = 0.8V to 3.6V	S	SOT-553	5
TC7SG34FE	Toshiba Electronic Components	Vcc = 0.9V to 3.6V	SN74AUP1G34DRLR	Vcc = 0.8V to 3.6V	S	SOT-553	5
TC7SH00F	Toshiba Electronic Components		SN74AHC1G00DBVR		S	SMV/SOT-23	5
TC7SH00FE	Toshiba Electronic Components	Vcc = 2V to 5.5V	SN74AHC1G00DRLR	Vcc = 2V to 5.5V	S	SOT-553	5
TC7SH00FTE85L	Toshiba Electronic Components		SN74AHC1G00DBVR		S	SMV/SOT-23	5
TC7SH00FU	Toshiba Electronic Components		SN74AHC1G00DCKR		S	SC70/EIAJSC88	5
TC7SH00FUTE85L	Toshiba Electronic Components		SN74AHC1G00DCKR		S	SC70/EIAJSC88	5
TC7SH02F	Toshiba Electronic Components		SN74AHC1G02DBVR		S	SMV/SOT-23	5
TC7SH02FE	Toshiba Electronic Components	Vcc = 2V to 5.5V	SN74AHC1G02DRLR	Vcc = 2V to 5.5V	S	SOT-553	5
TC7SH02FTE85L	Toshiba Electronic Components		SN74AHC1G02DBVR		S	SMV/SOT-23	5
TC7SH02FU	Toshiba Electronic Components		SN74AHC1G02DCKR		S	SC70/EIAJSC88	5
TC7SH02FUTE85L	Toshiba Electronic Components		SN74AHC1G02DCKR		S	SC70/EIAJSC88	5
TC7SH04F	Toshiba Electronic Components		SN74AHC1G04DBVR		S	SMV/SOT-23	5
TC7SH04FE	Toshiba Electronic Components	Vcc = 2V to 5.5V	SN74AHC1G04DRLR	Vcc = 2V to 5.5V	S	SOT-553	5
TC7SH04FTE85L	Toshiba Electronic Components		SN74AHC1G04DBVR		S	SMV/SOT-23	5
TC7SH04FU	Toshiba Electronic Components		SN74AHC1G04DCKR		S	SC70/EIAJSC88	5
TC7SH04FUTE85L	Toshiba Electronic Components		SN74AHC1G04DCKR		S	SC70/EIAJSC88	5
TC7SH08F	Toshiba Electronic Components		SN74AHC1G08DBVR		S	SMV/SOT-23	5
TC7SH08FE	Toshiba Electronic Components	Vcc = 2V to 5.5V	SN74AHC1G08DRLR	Vcc = 2V to 5.5V	S	SOT-553	5
TC7SH08FTE85L	Toshiba Electronic Components		SN74AHC1G08DBVR		S	SMV/SOT-23	5
TC7SH08FU	Toshiba Electronic Components		SN74AHC1G08DCKR		S	SC70/EIAJSC88	5
TC7SH08FUTE85L	Toshiba Electronic Components		SN74AHC1G08DCKR		S	SC70/EIAJSC88	5
TC7SH125FE	Toshiba Electronic Components	Vcc = 2V to 5.5V	SN74AHC1G125DRLR	Vcc = 2V to 5.5V	S	SOT-553	5
TC7SH126FE	Toshiba Electronic Components	Vcc = 2V to 5.5V	SN74AHC1G126DRLR	Vcc = 2V to 5.5V	S	SOT-553	5
TC7SH14F	Toshiba Electronic Components		SN74AHC1G14DBVR		S	SMV/SOT-23	5
TC7SH14FE	Toshiba Electronic Components	Vcc = 2V to 5.5V	SN74AHC1G14DRLR	Vcc = 2V to 5.5V	S	SOT-553	5
TC7SH14FTE85L	Toshiba Electronic Components		SN74AHC1G14DBVR		S	SMV/SOT-23	5
TC7SH14FU	Toshiba Electronic Components		SN74AHC1G14DCKR		S	SC70/EIAJSC88	5
TC7SH14FUTE85L	Toshiba Electronic Components		SN74AHC1G14DCKR		S	SC70/EIAJSC88	5
TC7SH32F	Toshiba Electronic Components		SN74AHC1G32DBVR		S	SMV/SOT-23	5
TC7SH32FE	Toshiba Electronic Components	Vcc = 2V to 5.5V	SN74AHC1G32DRLR	Vcc = 2V to 5.5V	S	SOT-553	5
TC7SH32FTE85L	Toshiba Electronic Components		SN74AHC1G32DBVR		S	SMV/SOT-23	5
TC7SH32FU	Toshiba Electronic Components		SN74AHC1G32DCKR		S	SC70/EIAJSC88	5
TC7SH32FUTE85L	Toshiba Electronic Components		SN74AHC1G32DCKR		S	SC70/EIAJSC88	5
TC7SH34FE	Toshiba Electronic Components	Vcc = 2V to 5.5V	SN74LVC1G34DRLR	Vcc = 1.65V to 5.5V	S	SOT-553	5
TC7SH86F	Toshiba Electronic Components		SN74AHC1G86DBVR		S	SMV/SOT-23	5
TC7SH86FE	Toshiba Electronic Components	Vcc = 2V to 5.5V	SN74AHC1G86DRLR	Vcc = 2V to 5.5V	S	SOT-553	5
TC7SH86FTE85L	Toshiba Electronic Components		SN74AHC1G86DBVR		S	SMV/SOT-23	5
TC7SH86FU	Toshiba Electronic Components		SN74AHC1G86DCKR		S	SC70/EIAJSC88	5
TC7SH86FUTE85L	Toshiba Electronic Components		SN74AHC1G86DCKR		S	SC70/EIAJSC88	5

TC7SET02F — TC7SH86FUTE85L

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
TC7SHU04F	Toshiba Electronic Components		SN74AHC1GU04DBVR		S	SMV/SOT-23	5
TC7SHU04FE	Toshiba Electronic Components	Vcc = 2V to 5.5V	SN74AHC1GU04DRLR	Vcc = 2V to 5.5V	S	SOT-553	5
TC7SHU04FTE85L	Toshiba Electronic Components		SN74AHC1GU04DBVR		S	SMV/SOT-23	5
TC7SHU04FU	Toshiba Electronic Components		SN74AHC1GU04DCKR		S	SC70/EIAJSC88	5
TC7SHU04FUTE85L	Toshiba Electronic Components		SN74AHC1GU04DCKR		S	SC70/EIAJSC88	5
TC7SL00F	Toshiba Electronic Components		SN74AUP1G00DBVR		S	SMV/SOT-23	5
TC7SL00FTE85L	Toshiba Electronic Components		SN74AUP1G00DBVR		S	SMV/SOT-23	5
TC7SL00FU	Toshiba Electronic Components		SN74AUP1G00DCKR		S	SC70/EIAJSC88	5
TC7SL00FUTE12L	Toshiba Electronic Components		SN74AUP1G00DCKR		S	SC70/EIAJSC88	5
TC7SL02F	Toshiba Electronic Components		SN74AUP1G02DBVR		S	SMV/SOT-23	5
TC7SL02FTE85L	Toshiba Electronic Components		SN74AUP1G02DBVR		S	SMV/SOT-23	5
TC7SL02FU	Toshiba Electronic Components		SN74AUP1G02DCKR		S	SC70/EIAJSC88	5
TC7SL02FUTE12L	Toshiba Electronic Components		SN74AUP1G02DCKR		S	SC70/EIAJSC88	5
TC7SL04F	Toshiba Electronic Components		SN74AUP1G04DBVR		S	SMV/SOT-23	5
TC7SL04FTE85L	Toshiba Electronic Components		SN74AUP1G04DBVR		S	SMV/SOT-23	5
TC7SL04FU	Toshiba Electronic Components		SN74AUP1G04DCKR		S	SC70/EIAJSC88	5
TC7SL04FUTE12L	Toshiba Electronic Components		SN74AUP1G04DCKR		S	SC70/EIAJSC88	5
TC7SL32F	Toshiba Electronic Components		SN74AUP1G32DBVR		S	SMV/SOT-23	5
TC7SL32FTE85L	Toshiba Electronic Components		SN74AUP1G32DBVR		S	SMV/SOT-23	5
TC7SL32FU	Toshiba Electronic Components		SN74AUP1G32DCKR		S	SC70/EIAJSC88	5
TC7SL32FUTE12L	Toshiba Electronic Components		SN74AUP1G32DCKR		S	SC70/EIAJSC88	5
TC7SU04F	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1GU04DBVR	Faster, slightly lower max Vcc	Q	SMV/SOT-23	5
TC7SU04FTE85L	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1GU04DBVR	Faster, slightly lower max Vcc	Q	SMV/SOT-23	5
TC7SU04FU	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1GU04DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
TC7SU04FUTE85L	Toshiba Electronic Components	Specifications similar to HC	SN74AHC1GU04DCKR	Faster, slightly lower max Vcc	Q	SC70/EIAJSC88	5
TC7SZ00AFE	Toshiba Electronic Components	Vcc = 1.8V to 5.5V	SN74LVC1G00DRLR	Vcc = 1.65V to 5.5V	S	SOT-553	5
TC7SZ00F	Toshiba Electronic Components		SN74LVC1G00DBVR	VIH/VIL parameters differ slightly	S	SMV/SOT-23	5
TC7SZ00FTE85L	Toshiba Electronic Components		SN74LVC1G00DBVR	VIH/VIL parameters differ slightly	S	SMV/SOT-23	5
TC7SZ00FU	Toshiba Electronic Components		SN74LVC1G00DCKR	VIH/VIL parameters differ slightly	S	SC70/EIAJSC88	5
TC7SZ00FUTE85L	Toshiba Electronic Components		SN74LVC1G00DCKR	VIH/VIL parameters differ slightly	S	SC70/EIAJSC88	5
TC7SZ02AFE	Toshiba Electronic Components	Vcc = 1.8V to 5.5V	SN74LVC1G02DRLR	Vcc = 1.65V to 5.5V	S	SOT-553	5
TC7SZ02F	Toshiba Electronic Components		SN74LVC1G02DBVR	VIH/VIL parameters differ slightly	S	SMV/SOT-23	5
TC7SZ02FTE85L	Toshiba Electronic Components		SN74LVC1G02DBVR	VIH/VIL parameters differ slightly	S	SMV/SOT-23	5
TC7SZ02FU	Toshiba Electronic Components		SN74LVC1G02DCKR	VIH/VIL parameters differ slightly	S	SC70/EIAJSC88	5
TC7SZ02FUTE85L	Toshiba Electronic Components		SN74LVC1G02DCKR	VIH/VIL parameters differ slightly	S	SC70/EIAJSC88	5
TC7SZ04AFE	Toshiba Electronic Components	Vcc = 1.8V to 5.5V	SN74LVC1G04DRLR	Vcc = 1.65V to 5.5V	S	SOT-553	5
TC7SZ04F	Toshiba Electronic Components		SN74LVC1G04DBVR	VIH/VIL parameters differ slightly	S	SMV/SOT-23	5
TC7SZ04FTE85L	Toshiba Electronic Components		SN74LVC1G04DBVR	VIH/VIL parameters differ slightly	S	SMV/SOT-23	5
TC7SZ04FU	Toshiba Electronic Components		SN74LVC1G04DCKR	VIH/VIL parameters differ slightly	S	SC70/EIAJSC88	5
TC7SZ04FUTE85L	Toshiba Electronic Components		SN74LVC1G04DCKR	VIH/VIL parameters differ slightly	S	SC70/EIAJSC88	5
TC7SZ05F	Toshiba Electronic Components		SN74LVC1G06DBVR		S	SMV/SOT-23	5
TC7SZ05FTE85L	Toshiba Electronic Components		SN74LVC1G06DBVR		S	SMV/SOT-23	5
TC7SZ05FU	Toshiba Electronic Components		SN74LVC1G06DCKR		S	SC70/EIAJSC88	5
TC7SZ05FUTE85L	Toshiba Electronic Components		SN74LVC1G06DCKR		S	SC70/EIAJSC88	5
TC7SZ08AFE	Toshiba Electronic Components	Vcc = 1.8V to 5.5V	SN74LVC1G08DRLR	Vcc = 1.65V to 5.5V	S	SOT-553	5
TC7SZ08F	Toshiba Electronic Components		SN74LVC1G08DBVR	VIH/VIL parameters differ slightly	S	SMV/SOT-23	5
TC7SZ08FTE85L	Toshiba Electronic Components		SN74LVC1G08DBVR	VIH/VIL parameters differ slightly	S	SMV/SOT-23	5
TC7SZ08FU	Toshiba Electronic Components		SN74LVC1G08DCKR	VIH/VIL parameters differ slightly	S	SC70/EIAJSC88	5
TC7SZ08FUTE85L	Toshiba Electronic Components		SN74LVC1G08DCKR	VIH/VIL parameters differ slightly	S	SC70/EIAJSC88	5
TC7SZ125AFE	Toshiba Electronic Components	Vcc = 1.8V to 5.5V	SN74LVC1G125DRLR	Vcc = 1.65V to 5.5V	S	SOT-553	5
TC7SZ125F	Toshiba Electronic Components		SN74LVC1G125DBVR		S	SMV/SOT-23	5
TC7SZ125FTE85L	Toshiba Electronic Components		SN74LVC1G125DBVR		S	SMV/SOT-23	5
TC7SZ125FU	Toshiba Electronic Components		SN74LVC1G125DCKR		S	SC70/EIAJSC88	5
TC7SZ125FUTE85L	Toshiba Electronic Components		SN74LVC1G125DCKR		S	SC70/EIAJSC88	5
TC7SZ126AFE	Toshiba Electronic Components	Vcc = 1.8V to 5.5V	SN74LVC1G126DRLR	Vcc = 1.65V to 5.5V	S	SOT-553	5
TC7SZ126F	Toshiba Electronic Components		SN74LVC1G126DBVR		S	SMV/SOT-23	5
TC7SZ126FTE85L	Toshiba Electronic Components		SN74LVC1G126DBVR		S	SMV/SOT-23	5
TC7SZ126FU	Toshiba Electronic Components		SN74LVC1G126DCKR		S	SC70/EIAJSC88	5
TC7SZ126FUTE85L	Toshiba Electronic Components		SN74LVC1G126DCKR		S	SC70/EIAJSC88	5
TC7SZ14F	Toshiba Electronic Components		SN74LVC1G14DBVR	VIH/VIL parameters differ slightly	S	SMV/SOT-23	5
TC7SZ14FTE85L	Toshiba Electronic Components		SN74LVC1G14DBVR	VIH/VIL parameters differ slightly	S	SMV/SOT-23	5
TC7SZ14FU	Toshiba Electronic Components		SN74LVC1G14DCKR	VIH/VIL parameters differ slightly	S	SC70/EIAJSC88	5
TC7SZ14FUTE85L	Toshiba Electronic Components		SN74LVC1G14DCKR	VIH/VIL parameters differ slightly	S	SC70/EIAJSC88	5
TC7SZ32AFE	Toshiba Electronic Components	Vcc = 1.8V to 5.5V	SN74LVC1G32DRLR	Vcc = 1.65V to 5.5V	S	SOT-553	5

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
TC7SZ32F	Toshiba Electronic Components		SN74LVC1G32DBVR	VIH/VIL parameters differ slightly	S	SMV/SOT-23	5
TC7SZ32FTE85L	Toshiba Electronic Components		SN74LVC1G32DBVR	VIH/VIL parameters differ slightly	S	SMV/SOT-23	5
TC7SZ32FU	Toshiba Electronic Components		SN74LVC1G32DCKR	VIH/VIL parameters differ slightly	S	SC70/EIAJSC88	5
TC7SZ32FUTE85L	Toshiba Electronic Components		SN74LVC1G32DCKR	VIH/VIL parameters differ slightly	S	SC70/EIAJSC88	5
TC7SZU04AFE	Toshiba Electronic Components	Vcc = 1.8V to 5.5V	SN74LVC1GU04DRLR	Vcc = 1.65V to 5.5V	S	SOT-553	5
TC7SZU04F	Toshiba Electronic Components		SN74LVC1GU04DBVR	VIH/VIL parameters differ slightly	S	SMV/SOT-23	5
TC7SZU04FTE85L	Toshiba Electronic Components		SN74LVC1GU04DBVR	VIH/VIL parameters differ slightly	S	SMV/SOT-23	5
TC7SZU04FU	Toshiba Electronic Components		SN74LVC1GU04DCKR	VIH/VIL parameters differ slightly	S	SC70/EIAJSC88	5
TC7SZU04FUTE85L	Toshiba Electronic Components		SN74LVC1GU04DCKR	VIH/VIL parameters differ slightly	S	SC70/EIAJSC88	5
TC7WH08FK	Toshiba Electronic Components	Specifications similar to AHC	SN74LVC2G08DCUR	Faster, higher output drive, loff	Q	US8	8
TC7WH08FKTE85L	Toshiba Electronic Components	Specifications similar to AHC	SN74LVC2G08DCUR	Faster, higher output drive, loff	Q	US8	8
TC7WH157FK	Toshiba Electronic Components	Specifications similar to AHC	SN74LVC2G157DCUR	Faster, higher output drive, loff	Q	US8	8
TC7WH157FKTE12L	Toshiba Electronic Components	Specifications similar to AHC	SN74LVC2G157DCUR	Faster, higher output drive, loff	Q	US8	8
TC7WH157FU	Toshiba Electronic Components	Specifications similar to AHC	SN74LVC2G157DCTR	Faster, higher output drive, loff	Q	SM8	8
TC7WH157FUTE12L	Toshiba Electronic Components	Specifications similar to AHC	SN74LVC2G157DCTR	Faster, higher output drive, loff	Q	SM8	8
TC7WH241FK	Toshiba Electronic Components	Specifications similar to AHC	SN74LVC2G241DCUR	Faster, higher output drive, loff	Q	US8	8
TC7WH241FKTE12L	Toshiba Electronic Components	Specifications similar to AHC	SN74LVC2G241DCUR	Faster, higher output drive, loff	Q	US8	8
TC7WH241FU	Toshiba Electronic Components	Specifications similar to AHC	SN74LVC2G241DCTR	Faster, higher output drive, loff	Q	SM8	8
TC7WH241FU(TE12L)	Toshiba Electronic Components	tpd, Vs differ	SN74LVC2G241DCTR		S	SSOP	8
TC7WH241FUTE12L	Toshiba Electronic Components	Specifications similar to AHC	SN74LVC2G241DCTR	Faster, higher output drive, loff	Q	SM8	8
TC7WZ74FK	Toshiba Electronic Components		SN74LVC2G74DCUR		S	US8	8
TC7WZ74FKTE85L	Toshiba Electronic Components		SN74LVC2G74DCUR		S	US8	8
TC7WZ74FU	Toshiba Electronic Components		SN74LVC2G74DCTR		S	SM8	8
TC7WZ74FUTE12L	Toshiba Electronic Components		SN74LVC2G74DCTR		S	SM8	8
TL061ACD	ST Microelectronics (STM)	CMRR, PSRR differ	TL061CD		S	SOIC	8
TL061ACD	ST Microelectronics (STM)		TL061ID		S	SOIC	8
TL061ACDT	ST Microelectronics (STM)		TL061IDR		S	SOIC	8
TL061ACN	ST Microelectronics (STM)		TL061IP		S	PDIP	8
TL061AID	ST Microelectronics (STM)		TL061ID		S	SOIC	8
TL061AIDT	ST Microelectronics (STM)		TL061IDR		S	SOIC	8
TL061AIN	ST Microelectronics (STM)		TL061IP		S	PDIP	8
TL061AMD	ST Microelectronics (STM)		TL061ID		S	SOIC	8
TL061AMDT	ST Microelectronics (STM)		TL061IDR		S	SOIC	8
TL061AMN	ST Microelectronics (STM)		TL061IP		S	PDIP	8
TL061CD	ST Microelectronics (STM)		TL061CD		S	SOIC	8
TL061CN	ST Microelectronics (STM)		TL061CP		S	PDIP	8
TL061ID	ST Microelectronics (STM)		TL061ID		S	SOIC	8
TL061IDT	ST Microelectronics (STM)		TL061IDR		S	SOIC	8
TL061MD	ST Microelectronics (STM)		TL061ID		S	SOIC	8
TL061MDT	ST Microelectronics (STM)		TL061IDR		S	SOIC	8
TL061MN	ST Microelectronics (STM)		TL061IP		S	PDIP	8
TL062ACD	ST Microelectronics (STM)		TL062ID		S	SOIC	8
TL062ACDT	ST Microelectronics (STM)		TL062IDR		S	SOIC	8
TL062ACN	ST Microelectronics (STM)		TL062IP		S	PDIP	8
TL062AID	ST Microelectronics (STM)		TL062ID		S	SOIC	8
TL062AIDT	ST Microelectronics (STM)		TL062IDR		S	SOIC	8
TL062AIN	ST Microelectronics (STM)		TL062IP		S	PDIP	8
TL062AMD	ST Microelectronics (STM)		TL062ID		S	SOIC	8
TL062AMDT	ST Microelectronics (STM)		TL062IDR		S	SOIC	8
TL062AMN	ST Microelectronics (STM)		TL062IP		S	PDIP	8
TL062CD	ST Microelectronics (STM)		TL062CD		S	SOIC	8
TL062CDT	ST Microelectronics (STM)		TL062CDR		S	SOIC	8
TL062CN	ST Microelectronics (STM)		TL062CP		S	PDIP	8
TL062ID	ST Microelectronics (STM)		TL062ID		S	SOIC	8
TL062IDT	ST Microelectronics (STM)		TL062IDR		S	SOIC	8
TL062MD	ST Microelectronics (STM)		TL062ID		S	SOIC	8
TL062MDT	ST Microelectronics (STM)		TL062IDR		S	SOIC	8
TL062MN	ST Microelectronics (STM)		TL062IP		S	PDIP	8
TL064ACD	ST Microelectronics (STM)		TL064ID		S	SOIC	14
TL064ACDT	ST Microelectronics (STM)		TL064IDR		S	SOIC	14
TL064ACN	ST Microelectronics (STM)		TL064IN		S	PDIP	14
TL064AID	ST Microelectronics (STM)		TL064ID		S	SOIC	14
TL064AIDT	ST Microelectronics (STM)		TL064IDR		S	SOIC	14
TL064AIN	ST Microelectronics (STM)		TL064IN		S	PDIP	14

TC7SZ32F — TL06AIN

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
TL064AMD	ST Microelectronics (STM)		TL064ID		S	SOIC	14
TL064AMDT	ST Microelectronics (STM)		TL064IDR		S	SOIC	14
TL064AMN	ST Microelectronics (STM)		TL064IN		S	PDIP	14
TL064CD	ST Microelectronics (STM)		TL064CD		S	SOIC	14
TL064CN	ST Microelectronics (STM)		TL064CN		S	PDIP	14
TL064ID	ST Microelectronics (STM)		TL064ID		S	SOIC	14
TL064IDT	ST Microelectronics (STM)		TL064IDR		S	SOIC	14
TL064MD	ST Microelectronics (STM)		TL064ID		S	SOIC	14
TL064MDT	ST Microelectronics (STM)		TL064IDR		S	SOIC	14
TL064MN	ST Microelectronics (STM)		TL064IN		S	PDIP	14
TL071ACD	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CD		S	SOIC	8
TL071ACD	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071ID		S	SOIC	8
TL071ACDT	ST Microelectronics (STM)	Av, CMRR, GBW, PSRR, Vs differ	TL071ACDR		S	SOIC	8
TL071ACDT	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CDR		S	SOIC	8
TL071ACDT	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071IDR		S	SOIC	8
TL071ACN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CP		S	PDIP	8
TL071ACN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CPE4		S	PDIP	8
TL071ACN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071IP		S	PDIP	8
TL071AID	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CD		S	SOIC	8
TL071AID	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071ID		S	SOIC	8
TL071AIDT	ST Microelectronics (STM)	Av, CMRR, GBW, PSRR, Vs differ	TL071ACDR		S	SOIC	8
TL071AIDT	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CDR		S	SOIC	8
TL071AIDT	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071IDR		S	SOIC	8
TL071AIN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CP		S	PDIP	8
TL071AIN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CPE4		S	PDIP	8
TL071AIN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071IP		S	PDIP	8
TL071AMD	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CD		S	SOIC	8
TL071AMD	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071ID		S	SOIC	8
TL071AMDT	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CDR		S	SOIC	8
TL071AMDT	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071IDR		S	SOIC	8
TL071AMN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CP		S	PDIP	8
TL071AMN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CPE4		S	PDIP	8
TL071AMN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071IP		S	PDIP	8
TL071BCD	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CD		S	SOIC	8
TL071BCD	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071ID		S	SOIC	8
TL071BCDT	ST Microelectronics (STM)	Av, CMRR, GBW, PSRR, Vs differ	TL071BCDR		S	SOIC	8
TL071BCDT	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CDR		S	SOIC	8
TL071BCDT	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071IDR		S	SOIC	8
TL071BCN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CP		S	PDIP	8
TL071BCN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CPE4		S	PDIP	8
TL071BCN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071IP		S	PDIP	8
TL071BID	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CD		S	SOIC	8
TL071BID	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071ID		S	SOIC	8
TL071BIDT	ST Microelectronics (STM)	Av, CMRR, GBW, PSRR, Vs differ	TL071BCDR		S	SOIC	8
TL071BIDT	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CDR		S	SOIC	8
TL071BIDT	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071IDR		S	SOIC	8
TL071BIN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CP		S	PDIP	8
TL071BIN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CPE4		S	PDIP	8
TL071BIN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071IP		S	PDIP	8
TL071BMD	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CD		S	SOIC	8
TL071BMD	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071ID		S	SOIC	8
TL071BMDT	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CDR		S	SOIC	8
TL071BMDT	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071IDR		S	SOIC	8
TL071BMN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CP		S	PDIP	8
TL071BMN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CPE4		S	PDIP	8
TL071BMN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071IP		S	PDIP	8
TL071CD	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CD		S	SOIC	8
TL071CD	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071ID		S	SOIC	8
TL071CDT	ST Microelectronics (STM)	Av, CMRR, GBW, PSRR, Vs differ	TL071CDR		S	SOIC	8
TL071CDT	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071IDR		S	SOIC	8
TL071CN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CP		S	PDIP	8
TL071CN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CPE4		S	PDIP	8
TL071CN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071IP		S	PDIP	8
TL071ID	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CD		S	SOIC	8

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
TL071ID	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071ID		S	SOIC	8
TL071IDT	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CDR		S	SOIC	8
TL071IDT	ST Microelectronics (STM)	Av, CMRR, GBW, PSRR, Vs differ	TL071IDR		S	SOIC	8
TL071IN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CP		S	PDIP	8
TL071IN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CPE4		S	PDIP	8
TL071IN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071IP		S	PDIP	8
TL071MD	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CD		S	SOIC	8
TL071MD	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071ID		S	SOIC	8
TL071MDT	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CDR		S	SOIC	8
TL071MDT	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071IDR		S	SOIC	8
TL071MN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CP		S	PDIP	8
TL071MN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071CPE4		S	PDIP	8
TL071MN	ST Microelectronics (STM)	Av, GBW, PSRR, Vs differ	TL071IP		S	PDIP	8
TL072ACD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CD		S	SOIC	8
TL072ACD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDE4		S	SOIC	8
TL072ACD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072ID		S	SOIC	8
TL072ACD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDE4		S	SOIC	8
TL072ACDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDR		S	SOIC	8
TL072ACDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDRE4		S	SOIC	8
TL072ACDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDRG4		S	SOIC	8
TL072ACDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDR		S	SOIC	8
TL072ACDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDRE4		S	SOIC	8
TL072ACDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDRG4		S	SOIC	8
TL072ACN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072ACP		S	PDIP	8
TL072ACN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CP		S	PDIP	8
TL072ACN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IP		S	PDIP	8
TL072AID	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CD		S	SOIC	8
TL072AID	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDE4		S	SOIC	8
TL072AID	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDG4		S	SOIC	8
TL072AID	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072ID		S	SOIC	8
TL072AID	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDE4		S	SOIC	8
TL072AID	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDG4		S	SOIC	8
TL072AIDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDR		S	SOIC	8
TL072AIDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDRE4		S	SOIC	8
TL072AIDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDRG4		S	SOIC	8
TL072AIDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDR		S	SOIC	8
TL072AIDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDRE4		S	SOIC	8
TL072AIDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDRG4		S	SOIC	8
TL072AIN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072ACP		S	PDIP	8
TL072AIN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CP		S	PDIP	8
TL072AIN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IP		S	PDIP	8
TL072AMD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CD		S	SOIC	8
TL072AMD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDE4		S	SOIC	8
TL072AMD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDG4		S	SOIC	8
TL072AMD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072ID		S	SOIC	8
TL072AMD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDE4		S	SOIC	8
TL072AMD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDG4		S	SOIC	8
TL072AMDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDR		S	SOIC	8
TL072AMDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDRE4		S	SOIC	8
TL072AMDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDRG4		S	SOIC	8
TL072AMDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDR		S	SOIC	8
TL072AMDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDRE4		S	SOIC	8
TL072AMDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDRG4		S	SOIC	8
TL072AMN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CP		S	PDIP	8
TL072AMN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IP		S	PDIP	8
TL072AMN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072ACP		S	PDIP	8
TL072BCD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CD		S	SOIC	8
TL072BCD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDE4		S	SOIC	8
TL072BCD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072ID		S	SOIC	8
TL072BCD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDE4		S	SOIC	8
TL072BCDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDR		S	SOIC	8
TL072BCDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDRE4		S	SOIC	8
TL072BCDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDRG4		S	SOIC	8
TL072BCDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDR		S	SOIC	8

TL071ID — TL072BCDT

Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
TL072BCDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDRE4		S	SOIC	8
TL072BCDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDRG4		S	SOIC	8
TL072BCN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072BCP		S	PDIP	8
TL072BCN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CP		S	PDIP	8
TL072BCN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IP		S	PDIP	8
TL072BID	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CD		S	SOIC	8
TL072BID	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDE4		S	SOIC	8
TL072BID	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDG4		S	SOIC	8
TL072BID	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072ID		S	SOIC	8
TL072BID	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDE4		S	SOIC	8
TL072BID	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDG4		S	SOIC	8
TL072BIDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDR		S	SOIC	8
TL072BIDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDRE4		S	SOIC	8
TL072BIDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDRG4		S	SOIC	8
TL072BIDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDR		S	SOIC	8
TL072BIDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDRE4		S	SOIC	8
TL072BIDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDRG4		S	SOIC	8
TL072BIN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072BCP		S	PDIP	8
TL072BIN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CP		S	PDIP	8
TL072BIN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IP		S	PDIP	8
TL072BMD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CD		S	SOIC	8
TL072BMD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDE4		S	SOIC	8
TL072BMD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDG4		S	SOIC	8
TL072BMD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072ID		S	SOIC	8
TL072BMD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDE4		S	SOIC	8
TL072BMD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDG4		S	SOIC	8
TL072BMDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDR		S	SOIC	8
TL072BMDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDRE4		S	SOIC	8
TL072BMDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDRG4		S	SOIC	8
TL072BMDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDR		S	SOIC	8
TL072BMDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDRE4		S	SOIC	8
TL072BMDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDRG4		S	SOIC	8
TL072BMN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072BCP		Q	PDIP	8
TL072BMN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CP		S	PDIP	8
TL072BMN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IP		S	PDIP	8
TL072CD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CD		S	SOIC	8
TL072CD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDE4		S	SOIC	8
TL072CD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDG4		S	SOIC	8
TL072CD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072ID		S	SOIC	8
TL072CD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDE4		S	SOIC	8
TL072CDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDR		S	SOIC	8
TL072CDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDRE4		S	SOIC	8
TL072CDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDRG4		S	SOIC	8
TL072CDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDR		S	SOIC	8
TL072CDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDRE4		S	SOIC	8
TL072CDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDRG4		S	SOIC	8
TL072CN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CP		S	PDIP	8
TL072CN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IP		S	PDIP	8
TL072ID	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CD		S	SOIC	8
TL072ID	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDE4		S	SOIC	8
TL072ID	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDG4		S	SOIC	8
TL072ID	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072ID		S	SOIC	8
TL072ID	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDE4		S	SOIC	8
TL072IDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDR		S	SOIC	8
TL072IDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDRE4		S	SOIC	8
TL072IDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDRG4		S	SOIC	8
TL072IDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDR		S	SOIC	8
TL072IDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDRE4		S	SOIC	8
TL072IDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDRG4		S	SOIC	8
TL072IN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CP		S	PDIP	8
TL072IN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IP		S	PDIP	8
TL072MD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CD		S	SOIC	8
TL072MD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDE4		S	SOIC	8
TL072MD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDG4		S	SOIC	8

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
TL072MD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072ID		S	SOIC	8
TL072MD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDE4		S	SOIC	8
TL072MD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDG4		S	SOIC	8
TL072MDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDR		S	SOIC	8
TL072MDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDRE4		S	SOIC	8
TL072MDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CDRG4		S	SOIC	8
TL072MDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDR		S	SOIC	8
TL072MDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDRE4		S	SOIC	8
TL072MDT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IDRG4		S	SOIC	8
TL072MN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072CP		S	PDIP	8
TL072MN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072IP		S	PDIP	8
TL072MN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL072MJGB		S	PDIP	8
TL074ACD	ST Microelectronics (STM)	CMRR, PSRR differ	TL074ACD		S	SOIC	14
TL074ACD	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CD		S	SOIC	14
TL074ACD	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CDE4		S	SOIC	14
TL074ACD	ST Microelectronics (STM)	CMRR, PSRR differ	TL074ID		S	SOIC	14
TL074ACD	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IDE4		S	SOIC	14
TL074ACDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074ACDR		S	SOIC	14
TL074ACDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CDR		S	SOIC	14
TL074ACDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CDRE4		S	SOIC	14
TL074ACDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IDR		S	SOIC	14
TL074ACDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IDRE4		S	SOIC	14
TL074ACN	ST Microelectronics (STM)		TL074ACN		S	PDIP	14
TL074ACN	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CN		S	PDIP	14
TL074ACN	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IN		S	PDIP	14
TL074AID	ST Microelectronics (STM)	CMRR, PSRR differ	TL074ACD		S	SOIC	14
TL074AID	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CD		S	SOIC	14
TL074AID	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CDE4		S	SOIC	14
TL074AID	ST Microelectronics (STM)	CMRR, PSRR differ	TL074ID		S	SOIC	14
TL074AID	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IDE4		S	SOIC	14
TL074AIDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074ACDR		S	SOIC	14
TL074AIDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CDR		S	SOIC	14
TL074AIDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CDRE4		S	SOIC	14
TL074AIDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IDR		S	SOIC	14
TL074AIDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IDRE4		S	SOIC	14
TL074AIN	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CN		S	PDIP	14
TL074AIN	ST Microelectronics (STM)		TL074IN		S	PDIP	14
TL074AMD	ST Microelectronics (STM)	CMRR, PSRR differ	TL074ACD		Q	SOIC	14
TL074AMD	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CD		S	SOIC	14
TL074AMD	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CDE4		S	SOIC	14
TL074AMD	ST Microelectronics (STM)	CMRR, PSRR differ	TL074ID		S	SOIC	14
TL074AMD	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IDE4		S	SOIC	14
TL074AMDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074ACDR		Q	SOIC	14
TL074AMDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CDR		S	SOIC	14
TL074AMDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CDRE4		S	SOIC	14
TL074AMDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IDR		S	SOIC	14
TL074AMDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IDRE4		S	SOIC	14
TL074AMN	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CN		S	PDIP	14
TL074AMN	ST Microelectronics (STM)		TL074IN		S	PDIP	14
TL074BCD	ST Microelectronics (STM)	CMRR, PSRR differ	TL074BCD		S	SOIC	14
TL074BCD	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CD		S	SOIC	14
TL074BCD	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CDE4		S	SOIC	14
TL074BCD	ST Microelectronics (STM)	CMRR, PSRR differ	TL074ID		S	SOIC	14
TL074BCDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074BCDR		S	SOIC	14
TL074BCDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CDR		S	SOIC	14
TL074BCDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CDRE4		S	SOIC	14
TL074BCDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IDR		S	SOIC	14
TL074BCDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IDRE4		S	SOIC	14
TL074BCN	ST Microelectronics (STM)		TL074BCN		S	PDIP	14
TL074BCN	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CN		S	PDIP	14
TL074BCN	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IN		S	PDIP	14
TL074BID	ST Microelectronics (STM)	CMRR, PSRR differ	TL074BCD		S	SOIC	14
TL074BID	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CD		S	SOIC	14
TL074BID	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CDE4		S	SOIC	14

TL072MD — TL074BID

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
TL074BID	ST Microelectronics (STM)	CMRR, PSRR differ	TL074ID		S	SOIC	14
TL074BID	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IDE4		S	SOIC	14
TL074BIDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074BCDR		S	SOIC	14
TL074BIDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CDR		S	SOIC	14
TL074BIDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CDRE4		S	SOIC	14
TL074BIDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IDR		S	SOIC	14
TL074BIDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IDRE4		S	SOIC	14
TL074BIN	ST Microelectronics (STM)		TL074BCN		S	PDIP	14
TL074BIN	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CN		S	PDIP	14
TL074BIN	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IN		S	PDIP	14
TL074BMD	ST Microelectronics (STM)	CMRR, PSRR differ	TL074BCD		Q	SOIC	14
TL074BMD	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CD		S	SOIC	14
TL074BMD	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CDE4		S	SOIC	14
TL074BMD	ST Microelectronics (STM)	CMRR, PSRR differ	TL074ID		S	SOIC	14
TL074BMD	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IDE4		S	SOIC	14
TL074BMDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CDR		S	SOIC	14
TL074BMDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CDRE4		S	SOIC	14
TL074BMDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IDR		S	SOIC	14
TL074BMDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IDRE4		S	SOIC	14
TL074BMDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074BCDR		Q	SOIC	14
TL074BMN	ST Microelectronics (STM)		TL074BCN		Q	PDIP	14
TL074BMN	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CN		S	PDIP	14
TL074BMN	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IN		S	PDIP	14
TL074CD	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CD		S	SOIC	14
TL074CD	ST Microelectronics (STM)	CMRR, PSRR differ	TL074ID		S	SOIC	14
TL074CDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CDR		S	SOIC	14
TL074CDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CDRE4		S	SOIC	14
TL074CDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IDR		S	SOIC	14
TL074CDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IDRE4		S	SOIC	14
TL074CN	ST Microelectronics (STM)		TL074CN		S	PDIP	14
TL074CN	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IN		S	PDIP	14
TL074ID	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CD		S	SOIC	14
TL074ID	ST Microelectronics (STM)	CMRR, PSRR differ	TL074ID		S	SOIC	14
TL074IDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CDR		S	SOIC	14
TL074IDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CDRE4		S	SOIC	14
TL074IDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IDR		S	SOIC	14
TL074IDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IDRE4		S	SOIC	14
TL074IN	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CN		S	PDIP	14
TL074IN	ST Microelectronics (STM)		TL074IN		S	PDIP	14
TL074MD	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CD		S	SOIC	14
TL074MD	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CDE4		S	SOIC	14
TL074MD	ST Microelectronics (STM)	CMRR, PSRR differ	TL074ID		S	SOIC	14
TL074MD	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IDE4		S	SOIC	14
TL074MDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CDR		S	SOIC	14
TL074MDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CDRE4		S	SOIC	14
TL074MDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IDR		S	SOIC	14
TL074MDT	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IDRE4		S	SOIC	14
TL074MN	ST Microelectronics (STM)	CMRR, PSRR differ	TL074CN		S	PDIP	14
TL074MN	ST Microelectronics (STM)	CMRR, PSRR differ	TL074IN		S	PDIP	14
TL081ACD	ST Microelectronics (STM)	GBW differs	TL081ACD		S	SOIC	8
TL081ACD	ST Microelectronics (STM)	GBW differs	TL081BCD		S	SOIC	8
TL081ACD	ST Microelectronics (STM)	GBW differs	TL081CD		S	SOIC	8
TL081ACDT	ST Microelectronics (STM)	GBW differs	TL081ACDR		S	SOIC	8
TL081ACDT	ST Microelectronics (STM)	GBW differs	TL081BCDR		S	SOIC	8
TL081ACDT	ST Microelectronics (STM)	GBW differs	TL081CDR		S	SOIC	8
TL081ACN	ST Microelectronics (STM)	GBW differs	TL081ACP		S	PDIP	8
TL081ACN	ST Microelectronics (STM)	GBW differs	TL081BCP		S	PDIP	8
TL081ACP	On Semiconductor	Av, CMRR, GBW, PSRR differ	TL081ACP		S	PDIP	8
TL081ACP	On Semiconductor	Av, CMRR, GBW, PSRR differ	TL081BCP		S	PDIP	8
TL081AID	ST Microelectronics (STM)	GBW differs	TL081ACD		S	SOIC	8
TL081AID	ST Microelectronics (STM)	GBW differs	TL081BCD		S	SOIC	8
TL081AID	ST Microelectronics (STM)	GBW differs	TL081CD		S	SOIC	8
TL081AIDT	ST Microelectronics (STM)	GBW differs	TL081ACDR		S	SOIC	8
TL081AIDT	ST Microelectronics (STM)	GBW differs	TL081BCDR		S	SOIC	8

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
TL081AIDT	ST Microelectronics (STM)	GBW differs	TL081CDR		S	SOIC	8
TL081AIN	ST Microelectronics (STM)	GBW differs	TL081ACP		S	PDIP	8
TL081AIN	ST Microelectronics (STM)	GBW differs	TL081BCP		S	PDIP	8
TL081AMD	ST Microelectronics (STM)	GBW differs	TL081ACD		S	SOIC	8
TL081AMD	ST Microelectronics (STM)	GBW differs	TL081BCD		S	SOIC	8
TL081AMD	ST Microelectronics (STM)	GBW differs	TL081CD		S	SOIC	8
TL081AMDT	ST Microelectronics (STM)	GBW differs	TL081ACDR		S	SOIC	8
TL081AMDT	ST Microelectronics (STM)	GBW differs	TL081BCDR		S	SOIC	8
TL081AMDT	ST Microelectronics (STM)	GBW differs	TL081CDR		S	SOIC	8
TL081AMN	ST Microelectronics (STM)	GBW differs	TL081ACP		S	PDIP	8
TL081AMN	ST Microelectronics (STM)	GBW differs	TL081BCP		S	PDIP	8
TL081BCD	ST Microelectronics (STM)	GBW differs	TL081ACD		S	SOIC	8
TL081BCD	ST Microelectronics (STM)	GBW differs	TL081BCD		S	SOIC	8
TL081BCD	ST Microelectronics (STM)	GBW differs	TL081CD		S	SOIC	8
TL081BCDT	ST Microelectronics (STM)	GBW differs	TL081ACDR		S	SOIC	8
TL081BCDT	ST Microelectronics (STM)	GBW differs	TL081BCDR		S	SOIC	8
TL081BCDT	ST Microelectronics (STM)	GBW differs	TL081CDR		S	SOIC	8
TL081BCN	ST Microelectronics (STM)	GBW differs	TL081ACP		S	PDIP	8
TL081BCN	ST Microelectronics (STM)	GBW differs	TL081BCP		S	PDIP	8
TL081BID	ST Microelectronics (STM)	GBW differs	TL081ACD		S	SOIC	8
TL081BID	ST Microelectronics (STM)	GBW differs	TL081BCD		S	SOIC	8
TL081BID	ST Microelectronics (STM)	GBW differs	TL081CD		S	SOIC	8
TL081BIDT	ST Microelectronics (STM)	GBW differs	TL081ACDR		S	SOIC	8
TL081BIDT	ST Microelectronics (STM)	GBW differs	TL081BCDR		S	SOIC	8
TL081BIDT	ST Microelectronics (STM)	GBW differs	TL081CDR		S	SOIC	8
TL081BIN	ST Microelectronics (STM)	GBW differs	TL081ACP		S	PDIP	8
TL081BIN	ST Microelectronics (STM)	GBW differs	TL081BCP		S	PDIP	8
TL081BMD	ST Microelectronics (STM)	GBW differs	TL081ACD		S	SOIC	8
TL081BMD	ST Microelectronics (STM)	GBW differs	TL081BCD		S	SOIC	8
TL081BMD	ST Microelectronics (STM)	GBW differs	TL081CD		S	SOIC	8
TL081BMDT	ST Microelectronics (STM)	GBW differs	TL081ACDR		S	SOIC	8
TL081BMDT	ST Microelectronics (STM)	GBW differs	TL081BCDR		S	SOIC	8
TL081BMDT	ST Microelectronics (STM)	GBW differs	TL081CDR		S	SOIC	8
TL081BMN	ST Microelectronics (STM)	GBW differs	TL081ACP		S	PDIP	8
TL081BMN	ST Microelectronics (STM)	GBW differs	TL081BCP		S	PDIP	8
TL081CD	ST Microelectronics (STM)	GBW differs	TL081ACD		S	SOIC	8
TL081CD	On Semiconductor	Av, CMRR, GBW, PSRR differ	TL081ACD		S	SOIC	8
TL081CD	ST Microelectronics (STM)	GBW differs	TL081BCD		S	SOIC	8
TL081CD	On Semiconductor	Av, CMRR, GBW, PSRR differ	TL081BCD		S	SOIC	8
TL081CD	ST Microelectronics (STM)	GBW differs	TL081CD		S	SOIC	8
TL081CD	On Semiconductor	Av, CMRR, GBW, PSRR differ	TL081CD		S	SOIC	8
TL081CDT	ST Microelectronics (STM)	GBW differs	TL081ACDR		S	SOIC	8
TL081CDT	ST Microelectronics (STM)	GBW differs	TL081BCDR		S	SOIC	8
TL081CDT	ST Microelectronics (STM)	GBW differs	TL081CDR		S	SOIC	8
TL081CN	ST Microelectronics (STM)	GBW differs	TL081ACP		S	PDIP	8
TL081CN	ST Microelectronics (STM)	GBW differs	TL081BCP		S	PDIP	8
TL081CN	ST Microelectronics (STM)	GBW differs	TL081CP		S	PDIP	8
TL081CP	National Semiconductor (NSC)	Discontinued 03/10/1998	TL081CP		S	PDIP	8
TL081ID	ST Microelectronics (STM)	GBW differs	TL081ACD		S	SOIC	8
TL081ID	ST Microelectronics (STM)	GBW differs	TL081BCD		S	SOIC	8
TL081ID	ST Microelectronics (STM)	GBW differs	TL081CD		S	SOIC	8
TL081ID	ST Microelectronics (STM)	CMRR, GBW differ	TL081ID		S	SOIC	8
TL081IDT	ST Microelectronics (STM)	GBW differs	TL081ACDR		S	SOIC	8
TL081IDT	ST Microelectronics (STM)	GBW differs	TL081BCDR		S	SOIC	8
TL081IDT	ST Microelectronics (STM)	GBW differs	TL081CDR		S	SOIC	8
TL081IN	ST Microelectronics (STM)	GBW differs	TL081ACP		S	PDIP	8
TL081IN	ST Microelectronics (STM)	GBW differs	TL081BCP		S	PDIP	8
TL081MD	ST Microelectronics (STM)	GBW differs	TL081ACD		S	SOIC	8
TL081MD	ST Microelectronics (STM)	GBW differs	TL081BCD		S	SOIC	8
TL081MD	ST Microelectronics (STM)	GBW differs	TL081CD		S	SOIC	8
TL081MDT	ST Microelectronics (STM)	GBW differs	TL081ACDR		S	SOIC	8
TL081MDT	ST Microelectronics (STM)	GBW differs	TL081BCDR		S	SOIC	8
TL081MDT	ST Microelectronics (STM)	GBW differs	TL081CDR		S	SOIC	8
TL081MN	ST Microelectronics (STM)	GBW differs	TL081ACP		S	PDIP	8

TL081AIDT — TL081MN

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
TL081MN	ST Microelectronics (STM)	GBW differs	TL081BCP		S	PDIP	8
TL082ACD	ST Microelectronics (STM)	GBW differs	TL082ACD		S	SOIC	8
TL082ACD	ST Microelectronics (STM)	GBW differs	TL082ACDE4		S	SOIC	8
TL082ACD	ST Microelectronics (STM)	GBW differs	TL082ACDG4		S	SOIC	8
TL082ACD	ST Microelectronics (STM)	GBW differs	TL082BCD		S	SOIC	8
TL082ACDT	ST Microelectronics (STM)	GBW differs	TL082ACDR		S	SOIC	8
TL082ACDT	ST Microelectronics (STM)	GBW differs	TL082ACDRE4		S	SOIC	8
TL082ACDT	ST Microelectronics (STM)	GBW differs	TL082ACDRG4		S	SOIC	8
TL082ACDT	ST Microelectronics (STM)	GBW differs	TL082BCDR		S	SOIC	8
TL082ACN	ST Microelectronics (STM)	GBW differs	TL082ACP		S	PDIP	8
TL082ACN	ST Microelectronics (STM)	GBW differs	TL082BCP		S	PDIP	8
TL082ACP	On Semiconductor	Av, CMRR, GBW, PSRR differ	TL082ACP		S	PDIP	8
TL082ACP	On Semiconductor	Av, CMRR, GBW, PSRR differ	TL082BCP		S	PDIP	8
TL082ACP	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL082CPW		S	TSSOP	8
TL082AID	ST Microelectronics (STM)	GBW differs	TL082ACD		S	SOIC	8
TL082AID	ST Microelectronics (STM)	GBW differs	TL082ACDE4		S	SOIC	8
TL082AID	ST Microelectronics (STM)	GBW differs	TL082ACDG4		S	SOIC	8
TL082AID	ST Microelectronics (STM)	GBW differs	TL082BCD		S	SOIC	8
TL082AIDT	ST Microelectronics (STM)	GBW differs	TL082ACDR		S	SOIC	8
TL082AIDT	ST Microelectronics (STM)	GBW differs	TL082ACDRE4		S	SOIC	8
TL082AIDT	ST Microelectronics (STM)	GBW differs	TL082ACDRG4		S	SOIC	8
TL082AIDT	ST Microelectronics (STM)	GBW differs	TL082BCDR		S	SOIC	8
TL082AIN	ST Microelectronics (STM)	GBW differs	TL082ACP		S	PDIP	8
TL082AIN	ST Microelectronics (STM)	GBW differs	TL082BCP		S	PDIP	8
TL082AIP	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL082IPWR		S	TSSOP	8
TL082AIP	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL082IPWRE4		S	TSSOP	8
TL082AMD	ST Microelectronics (STM)	GBW differs	TL082ACD		S	SOIC	8
TL082AMD	ST Microelectronics (STM)	GBW differs	TL082ACDE4		S	SOIC	8
TL082AMD	ST Microelectronics (STM)	GBW differs	TL082ACDG4		S	SOIC	8
TL082AMD	ST Microelectronics (STM)	GBW differs	TL082BCD		S	SOIC	8
TL082AMDT	ST Microelectronics (STM)	GBW differs	TL082ACDR		S	SOIC	8
TL082AMDT	ST Microelectronics (STM)	GBW differs	TL082ACDRE4		S	SOIC	8
TL082AMDT	ST Microelectronics (STM)	GBW differs	TL082ACDRG4		S	SOIC	8
TL082AMDT	ST Microelectronics (STM)	GBW differs	TL082BCDR		S	SOIC	8
TL082AMN	ST Microelectronics (STM)	GBW differs	TL082ACP		S	PDIP	8
TL082AMN	ST Microelectronics (STM)	GBW differs	TL082BCP		S	PDIP	8
TL082AMP	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL082IPWR		S	TSSOP	8
TL082AMP	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL082IPWRE4		S	TSSOP	8
TL082BCD	ST Microelectronics (STM)	GBW differs	TL082ACD		S	SOIC	8
TL082BCD	ST Microelectronics (STM)	GBW differs	TL082ACDE4		S	SOIC	8
TL082BCD	ST Microelectronics (STM)	GBW differs	TL082ACDG4		S	SOIC	8
TL082BCD	ST Microelectronics (STM)	GBW differs	TL082BCD		S	SOIC	8
TL082BCDT	ST Microelectronics (STM)	GBW differs	TL082ACDR		S	SOIC	8
TL082BCDT	ST Microelectronics (STM)	GBW differs	TL082ACDRE4		S	SOIC	8
TL082BCDT	ST Microelectronics (STM)	GBW differs	TL082ACDRG4		S	SOIC	8
TL082BCDT	ST Microelectronics (STM)	GBW differs	TL082BCDR		S	SOIC	8
TL082BCN	ST Microelectronics (STM)	GBW differs	TL082ACP		S	PDIP	8
TL082BCN	ST Microelectronics (STM)	GBW differs	TL082BCP		S	PDIP	8
TL082BCN	National Semiconductor (NSC)	Av, CMRR, GBW differ	TL082ACP		S	PDIP	8
TL082BCN	National Semiconductor (NSC)	Discontinued 04/04/1995	TL082BCP		S	PDIP	8
TL082BCP	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL082CPW		S	TSSOP	8
TL082BCP	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL082CPWE4		S	TSSOP	8
TL082BID	ST Microelectronics (STM)	GBW differs	TL082ACD		S	SOIC	8
TL082BID	ST Microelectronics (STM)	GBW differs	TL082ACDE4		S	SOIC	8
TL082BID	ST Microelectronics (STM)	GBW differs	TL082ACDG4		S	SOIC	8
TL082BID	ST Microelectronics (STM)	GBW differs	TL082BCD		S	SOIC	8
TL082BIDT	ST Microelectronics (STM)	GBW differs	TL082ACDR		S	SOIC	8
TL082BIDT	ST Microelectronics (STM)	GBW differs	TL082ACDRE4		S	SOIC	8
TL082BIDT	ST Microelectronics (STM)	GBW differs	TL082ACDRG4		S	SOIC	8
TL082BIDT	ST Microelectronics (STM)	GBW differs	TL082BCDR		S	SOIC	8
TL082BIN	ST Microelectronics (STM)	GBW differs	TL082ACP		S	PDIP	8
TL082BIN	ST Microelectronics (STM)	GBW differs	TL082BCP		S	PDIP	8
TL082BIP	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL082IPWR		S	TSSOP	8
TL082BIP	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL082IPWRE4		S	TSSOP	8

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
TL082BMD	ST Microelectronics (STM)	GBW differs	TL082ACD		S	SOIC	8
TL082BMD	ST Microelectronics (STM)	GBW differs	TL082ACDE4		S	SOIC	8
TL082BMD	ST Microelectronics (STM)	GBW differs	TL082ACDG4		S	SOIC	8
TL082BMD	ST Microelectronics (STM)	GBW differs	TL082BCD		S	SOIC	8
TL082BMDT	ST Microelectronics (STM)	GBW differs	TL082ACDR		S	SOIC	8
TL082BMDT	ST Microelectronics (STM)	GBW differs	TL082ACDRE4		S	SOIC	8
TL082BMDT	ST Microelectronics (STM)	GBW differs	TL082ACDRG4		S	SOIC	8
TL082BMDT	ST Microelectronics (STM)	GBW differs	TL082BCDR		S	SOIC	8
TL082BMN	ST Microelectronics (STM)	GBW differs	TL082ACP		S	PDIP	8
TL082BMN	ST Microelectronics (STM)	GBW differs	TL082BCP		S	PDIP	8
TL082BMP	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL082IPWR		S	TSSOP	8
TL082BMP	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL082IPWRE4		S	TSSOP	8
TL082CD	ST Microelectronics (STM)	GBW differs	TL072CDE4		S	SOIC	8
TL082CD	ST Microelectronics (STM)	GBW differs	TL082ACD		S	SOIC	8
TL082CD	On Semiconductor	Av, CMRR, GBW, PSRR differ	TL082ACD		S	SOIC	8
TL082CD	ST Microelectronics (STM)	GBW differs	TL082ACDE4		S	SOIC	8
TL082CD	ST Microelectronics (STM)	GBW differs	TL082ACDG4		S	SOIC	8
TL082CD	ST Microelectronics (STM)	GBW differs	TL082BCD		S	SOIC	8
TL082CD	On Semiconductor	Av, CMRR, GBW, PSRR differ	TL082BCD		S	SOIC	8
TL082CD	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL082CD		S	SOIC	8
TL082CM	National Semiconductor (NSC)	Av, CMRR, GBW, PSRR differ	TL082ACD		S	SOIC	8
TL082CM	National Semiconductor (NSC)	Av, CMRR, GBW, PSRR differ	TL082ACDE4		S	SOIC	8
TL082CM	National Semiconductor (NSC)	Av, CMRR, GBW, PSRR differ	TL082ACDG4		S	SOIC	8
TL082CM	National Semiconductor (NSC)	Av, CMRR, GBW, PSRR differ	TL082BCD		S	SOIC	8
TL082CM	National Semiconductor (NSC)		TL082CD		S	SOIC	9
TL082CMNOPB	National Semiconductor (NSC)	Av, CMRR, GBW, PSRR differ	TL082ACDE4		S	SOIC	8
TL082CMX	National Semiconductor (NSC)	Av, CMRR, GBW, PSRR differ	TL082ACDRE4		S	SOIC	8
TL082CMX	National Semiconductor (NSC)	Av, CMRR, GBW, PSRR differ	TL082ACDRG4		S	SOIC	8
TL082CMX	National Semiconductor (NSC)		TL082CDR		S	SOIC	10
TL082CMXNOPB	National Semiconductor (NSC)	Av, CMRR, GBW, PSRR differ	TL082ACDRE4		S	SOIC	8
TL082CMXNOPB	National Semiconductor (NSC)	Av, CMRR, GBW, PSRR differ	TL082ACDRG4		S	SOIC	8
TL082CMXNOPB	National Semiconductor (NSC)	Av, CMRR, GBW, PSRR differ	TL082BCDR		S	SOIC	8
TL082CN	ST Microelectronics (STM)	GBW differs	TL082ACP		S	PDIP	8
TL082CN	ST Microelectronics (STM)	GBW differs	TL082BCP		S	PDIP	8
TL082CN	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL082CP		S	PDIP	8
TL082CP	National Semiconductor (NSC)	Av, CMRR, GBW differ	TL082ACP		S	PDIP	8
TL082CP	National Semiconductor (NSC)	Av, CMRR, GBW, PSRR differ	TL082BCP		S	PDIP	8
TL082CP	National Semiconductor (NSC)		TL082CP		S	PDIP	11
TL082CP	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL082CPW		S	TSSOP	8
TL082CPNOPB	National Semiconductor (NSC)	Av, CMRR, GBW differ	TL082ACP		S	PDIP	8
TL082CPT	ST Microelectronics (STM)	GBW differs	TL072CPWR		S	TSSOP	8
TL082CPT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL082CPWR		S	TSSOP	8
TL082CPT	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL082CPWRE4		S	TSSOP	8
TL082ID	ST Microelectronics (STM)	GBW differs	TL082ACD		S	SOIC	8
TL082ID	ST Microelectronics (STM)	GBW differs	TL082ACDE4		S	SOIC	8
TL082ID	ST Microelectronics (STM)	GBW differs	TL082ACDG4		S	SOIC	8
TL082ID	ST Microelectronics (STM)	GBW differs	TL082BCD		S	SOIC	8
TL082ID	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL082ID		S	SOIC	8
TL082IDT	ST Microelectronics (STM)	GBW differs	TL082ACDR		S	SOIC	8
TL082IDT	ST Microelectronics (STM)	GBW differs	TL082ACDRE4		S	SOIC	8
TL082IDT	ST Microelectronics (STM)	GBW differs	TL082ACDRG4		S	SOIC	8
TL082IDT	ST Microelectronics (STM)	GBW differs	TL082BCDR		S	SOIC	8
TL082IN	ST Microelectronics (STM)	GBW differs	TL082ACP		S	PDIP	8
TL082IN	ST Microelectronics (STM)	GBW differs	TL082BCP		S	PDIP	8
TL082IP	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL082IPWR		S	TSSOP	8
TL082MD	ST Microelectronics (STM)	GBW differs	TL082ACD		S	SOIC	8
TL082MD	ST Microelectronics (STM)	GBW differs	TL082ACDE4		S	SOIC	8
TL082MD	ST Microelectronics (STM)	GBW differs	TL082ACDG4		S	SOIC	8
TL082MD	ST Microelectronics (STM)	GBW differs	TL082BCD		S	SOIC	8
TL082MDT	ST Microelectronics (STM)	GBW differs	TL082ACDR		S	SOIC	8
TL082MDT	ST Microelectronics (STM)	GBW differs	TL082ACDRE4		S	SOIC	8
TL082MDT	ST Microelectronics (STM)	GBW differs	TL082ACDRG4		S	SOIC	8
TL082MDT	ST Microelectronics (STM)	GBW differs	TL082BCDR		S	SOIC	8
TL082MN	ST Microelectronics (STM)	GBW differs	TL082ACP		S	PDIP	8

TL082BMD — TL082MN

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
TL082MN	ST Microelectronics (STM)	GBW differs	TL082BCP		S	PDIP	8
TL082MP	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL082IPWR		S	TSSOP	8
TL082MP	ST Microelectronics (STM)	CMRR, GBW, PSRR differ	TL082IPWRE4		S	TSSOP	8
TL084ACD	ST Microelectronics (STM)	GBW differs	TL084ACD		S	SOIC	14
TL084ACD	ST Microelectronics (STM)	GBW differs	TL084ACDE4		S	SOIC	14
TL084ACD	ST Microelectronics (STM)	GBW differs	TL084BCD		S	SOIC	14
TL084ACDT	ST Microelectronics (STM)	GBW differs	TL084ACDR		S	SOIC	14
TL084ACDT	ST Microelectronics (STM)	GBW differs	TL084ACDRE4		S	SOIC	14
TL084ACDT	ST Microelectronics (STM)	GBW differs	TL084BCDR		S	SOIC	14
TL084ACDT	On Semiconductor	Discontinued	TL084ACDR		S		
TL084ACN	ST Microelectronics (STM)	Av, CMRR, GBW, PSRR, Vs differ	TL084ACN		S	PDIP	14
TL084ACN	ST Microelectronics (STM)	GBW differs	TL084BCN		S	PDIP	14
TL084ACN	On Semiconductor	Av, CMRR, GBW, PSRR differ	TL084BCN		S	PDIP	14
TL084AID	ST Microelectronics (STM)	GBW differs	TL084ACD		S	SOIC	14
TL084AID	ST Microelectronics (STM)	GBW differs	TL084ACDE4		S	SOIC	14
TL084AID	ST Microelectronics (STM)	GBW differs	TL084BCD		S	SOIC	14
TL084AIDT	ST Microelectronics (STM)	GBW differs	TL084ACDR		S	SOIC	14
TL084AIDT	ST Microelectronics (STM)	GBW differs	TL084ACDRE4		S	SOIC	14
TL084AIDT	ST Microelectronics (STM)	GBW differs	TL084BCDR		S	SOIC	14
TL084AIN	ST Microelectronics (STM)	Av, CMRR, GBW, PSRR, Vs differ	TL084ACN		S	PDIP	14
TL084AIN	ST Microelectronics (STM)	GBW differs	TL084BCN		S	PDIP	14
TL084AMD	ST Microelectronics (STM)	GBW differs	TL084ACD		S	SOIC	14
TL084AMD	ST Microelectronics (STM)	GBW differs	TL084ACDE4		S	SOIC	14
TL084AMD	ST Microelectronics (STM)	GBW differs	TL084BCD		S	SOIC	14
TL084AMDT	ST Microelectronics (STM)	GBW differs	TL084ACDR		S	SOIC	14
TL084AMDT	ST Microelectronics (STM)	GBW differs	TL084ACDRE4		S	SOIC	14
TL084AMDT	ST Microelectronics (STM)	GBW differs	TL084BCDR		S	SOIC	14
TL084AMN	ST Microelectronics (STM)	GBW differs	TL084ACN		S	PDIP	14
TL084AMN	ST Microelectronics (STM)	GBW differs	TL084BCN		S	PDIP	14
TL084BCD	ST Microelectronics (STM)	GBW differs	TL084ACDE4		S	SOIC	14
TL084BCD	ST Microelectronics (STM)	GBW differs	TL084BCD		S	SOIC	14
TL084BCDT	ST Microelectronics (STM)	GBW differs	TL084ACDR		S	SOIC	14
TL084BCDT	ST Microelectronics (STM)	GBW differs	TL084ACDRE4		S	SOIC	14
TL084BCDT	ST Microelectronics (STM)	GBW differs	TL084BCDR		S	SOIC	14
TL084BCN	ST Microelectronics (STM)	GBW differs	TL084ACN		S	PDIP	14
TL084BCN	ST Microelectronics (STM)	Av, CMRR, GBW, PSRR, Vs differ	TL084BCN		S	PDIP	14
TL084BID	ST Microelectronics (STM)	GBW differs	TL084ACD		S	SOIC	14
TL084BID	ST Microelectronics (STM)	GBW differs	TL084ACDE4		S	SOIC	14
TL084BID	ST Microelectronics (STM)	GBW differs	TL084BCD		S	SOIC	14
TL084BIDT	ST Microelectronics (STM)	GBW differs	TL084ACDR		S	SOIC	14
TL084BIDT	ST Microelectronics (STM)	GBW differs	TL084ACDRE4		S	SOIC	14
TL084BIDT	ST Microelectronics (STM)	GBW differs	TL084BCDR		S	SOIC	14
TL084BIN	ST Microelectronics (STM)	GBW differs	TL084ACN		S	PDIP	14
TL084BIN	ST Microelectronics (STM)	Av, CMRR, GBW, PSRR, Vs differ	TL084BCN		S	PDIP	14
TL084BMD	ST Microelectronics (STM)	GBW differs	TL084ACD		S	SOIC	14
TL084BMD	ST Microelectronics (STM)	GBW differs	TL084ACDE4		S	SOIC	14
TL084BMD	ST Microelectronics (STM)	GBW differs	TL084BCD		S	SOIC	14
TL084BMDT	ST Microelectronics (STM)	GBW differs	TL084ACDR		S	SOIC	14
TL084BMDT	ST Microelectronics (STM)	GBW differs	TL084ACDRE4		S	SOIC	14
TL084BMDT	ST Microelectronics (STM)	GBW differs	TL084BCDR		S	SOIC	14
TL084BMN	ST Microelectronics (STM)	GBW differs	TL084ACN		S	PDIP	14
TL084BMN	ST Microelectronics (STM)	GBW differs	TL084BCN		S	PDIP	14
TL084CD	ST Microelectronics (STM)	GBW differs	TL074CD		S	SOIC	14
TL084CD	ST Microelectronics (STM)	GBW differs	TL074CDE4		S	SOIC	14
TL084CD	ST Microelectronics (STM)	GBW differs	TL074CNSR		S	SOIC	14
TL084CD	ST Microelectronics (STM)	GBW differs	TL074CPW		S	SOIC	14
TL084CD	ST Microelectronics (STM)	GBW differs	TL084BCD		S	SOIC	14
TL084CD	ST Microelectronics (STM)	CMRR, GBW differ	TL084CD		S	SOIC	14
TL084CDT	ST Microelectronics (STM)	GBW differs	TL084CDR		S	SOIC	14
TL084CDT	ST Microelectronics (STM)	GBW differs	TL074CDR		S	SOIC	14
TL084CDT	ST Microelectronics (STM)	GBW differs	TL074CDRE4		S	SOIC	14
TL084CDT	ST Microelectronics (STM)	GBW differs	TL084ACDR		S	SOIC	14
TL084CDT	ST Microelectronics (STM)	GBW differs	TL084ACDRE4		S	SOIC	14
TL084CDT	ST Microelectronics (STM)	GBW differs	TL084BCDR		S	SOIC	14

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
TL084CDT	ST Microelectronics (STM)	GBW differs	TL084CDR		S	SOIC	14
TL084CDT	ST Microelectronics (STM)	CMRR, GBW differ	TL084CDRE4		S	SOIC	14
TL084CN	ST Microelectronics (STM)	GBW differs	TL084ACN		S	PDIP	14
TL084CN	On Semiconductor	Av, CMRR, GBW, PSRR differ	TL084ACN		S	PDIP	14
TL084CN	ST Microelectronics (STM)	GBW differs	TL084BCN		S	PDIP	14
TL084CN	On Semiconductor	Av, CMRR, GBW, PSRR differ	TL084BCN		S	PDIP	14
TL084CN	ST Microelectronics (STM)	Av, CMRR, GBW, PSRR, Vs differ	TL084CN		S	PDIP	14
TL084CPT	ST Microelectronics (STM)	GBW differs	TL074CPWR		S	TSSOP	14
TL084ID	ST Microelectronics (STM)	GBW differs	TL084ACD		S	SOIC	14
TL084ID	ST Microelectronics (STM)	GBW differs	TL084ACDE4		S	SOIC	14
TL084ID	ST Microelectronics (STM)	GBW differs	TL084BCD		S	SOIC	14
TL084ID	ST Microelectronics (STM)	CMRR, GBW differ	TL084ID		S	SOIC	14
TL084IDT	ST Microelectronics (STM)	GBW differs	TL084ACDR		S	SOIC	14
TL084IDT	ST Microelectronics (STM)	GBW differs	TL084ACDRE4		S	SOIC	14
TL084IDT	ST Microelectronics (STM)	GBW differs	TL084BCDR		S	SOIC	14
TL084IN	ST Microelectronics (STM)	GBW differs	TL084ACN		S	PDIP	14
TL084IN	ST Microelectronics (STM)	GBW differs	TL084BCN		S	PDIP	14
TL084IN	ST Microelectronics (STM)	Av, CMRR, GBW, PSRR, Vs differ	TL084IN		S	PDIP	14
TL084MD	ST Microelectronics (STM)	GBW differs	TL084ACD		S	SOIC	14
TL084MD	ST Microelectronics (STM)	GBW differs	TL084ACDE4		S	SOIC	14
TL084MD	ST Microelectronics (STM)	GBW differs	TL084BCD		S	SOIC	14
TL084MDT	ST Microelectronics (STM)	GBW differs	TL084ACDR		S	SOIC	14
TL084MDT	ST Microelectronics (STM)	GBW differs	TL084ACDRE4		S	SOIC	14
TL084MDT	ST Microelectronics (STM)	GBW differs	TL084BCDR		S	SOIC	14
TL084MN	ST Microelectronics (STM)	GBW differs	TL084ACN		S	PDIP	14
TL084MN	ST Microelectronics (STM)	GBW differs	TL084BCN		S	PDIP	14
TL084MN	ST Microelectronics (STM)	Av, CMRR, GBW, PSRR, Vs differ	TL084IN		Q	PDIP	14
TL1431CD	ST Microelectronics (STM)		TL1431CD		S	SOIC	8
TL431ACD	NXP Semiconductor	Discontinued DN-51A Addendum, 03/12/2004	TL431ACD		S	SOIC	8
TL431ACD	ST Microelectronics (STM)		TL431ACD		S	SOIC	8
TL431ACD	On Semiconductor		TL431ACD		S	SOIC	8
TL431ACD	ST Microelectronics (STM)		TL431ACDG4		S	SOIC	8
TL431ACD	On Semiconductor		TL431ACDG4		S	SOIC	8
TL431ACD	Fairchild Semiconductor		TL431ACPSR		S	SOP	8
TL431ACD	Fairchild Semiconductor	Pb-Free	TL431AID		S	SOIC	8
TL431ACD	ST Microelectronics (STM)		TL431AID		S	SOIC	8
TL431ACD	ST Microelectronics (STM)		TL431AIDG4		S	SOIC	8
TL431ACD	ST Microelectronics (STM)		TL431BCD		S	SOIC	8
TL431ACD	On Semiconductor		TL431BCD		S	SOIC	8
TL431ACD	ST Microelectronics (STM)		TL431BCDE4		S	SOIC	8
TL431ACD	On Semiconductor		TL431BCDE4		S	SOIC	8
TL431ACD	ST Microelectronics (STM)		TL431BID		S	SOIC	8
TL431ACD	On Semiconductor		TL431BID		S	SOIC	8
TL431ACD	ST Microelectronics (STM)		TL431BIDE4		S	SOIC	8
TL431ACD	On Semiconductor		TL431BIDE4		S	SOIC	8
TL431ACD	ST Microelectronics (STM)		TL431BQD		S	SOIC	8
TL431ACD	On Semiconductor		TL431BQD		S	SOIC	8
TL431ACD	ST Microelectronics (STM)		TL431BQDE4		S	SOIC	8
TL431ACD	On Semiconductor		TL431BQDE4		S	SOIC	8
TL431ACD	ST Microelectronics (STM)		TL431CD		S	SOIC	8
TL431ACD	On Semiconductor		TL431CD		S	SOIC	8
TL431ACD	ST Microelectronics (STM)		TL431CDG4		S	SOIC	8
TL431ACD	On Semiconductor		TL431CDG4		S	SOIC	8
TL431ACD	On Semiconductor		TL431CDR		S	SOIC	8
TL431ACD	Fairchild Semiconductor		TL431CPSR		S	SOP	8
TL431ACD	ST Microelectronics (STM)		TL431ID		S	SOIC	8
TL431ACD	On Semiconductor		TL431ID		S	SOIC	8
TL431ACD	ST Microelectronics (STM)		TL431IDG4		S	SOIC	8
TL431ACD	On Semiconductor		TL431IDG4		S	SOIC	8
TL431ACD5	NXP Semiconductor	Discontinued DN-51A Addendum, 03/12/2004	TL431ACDBVR		S	SOT-23	5
TL431ACD5-G	NXP Semiconductor	Discontinued DN-51A Addendum, 03/12/2004	TL431ACDBVR		S	SOT-23	5
TL431ACDG	On Semiconductor		TL431ACD		S	SOIC	8
TL431ACDG	On Semiconductor		TL431ACDG4		S	SOIC	8
TL431ACDG	On Semiconductor		TL431ACDR		S	SOIC	8

TL084CDT — TL431ACDG

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
TL431ACDG	On Semiconductor		TL431AID		S	SOIC	8
TL431ACDG	On Semiconductor		TL431AIDG4		S	SOIC	8
TL431ACDG	On Semiconductor		TL431BCDE4		S	SOIC	8
TL431ACDG	On Semiconductor		TL431BCDR		S	SOIC	8
TL431ACDG	On Semiconductor		TL431BIDE4		S	SOIC	8
TL431ACDG	On Semiconductor		TL431BQDE4		S	SOIC	8
TL431ACDG	On Semiconductor		TL431CD		S	SOIC	8
TL431ACDG	On Semiconductor		TL431CDG4		S	SOIC	8
TL431ACDG	On Semiconductor		TL431CDR		S	SOIC	8
TL431ACDG	On Semiconductor		TL431ID		S	SOIC	8
TL431ACDG	On Semiconductor		TL431IDG4		S	SOIC	8
TL431ACDT	ST Microelectronics (STM)		TL431ACDR		S	SOIC	8
TL431ACD-T	NXP Semiconductor	Discontinued DN-51A Addendum, 03/12/2004	TL431ACDR		S	SOIC	8
TL431ACLP	On Semiconductor		TL431ACLPE3		S	TO-92	3
TL431ACLP	On Semiconductor		TL431ACLPM		S	TO-92	3
TL431ACLP	On Semiconductor		TL431AILP		S	TO-92	3
TL431ACLP	Fairchild Semiconductor		TL431AILP		S	TO-92	3
TL431ACLP	On Semiconductor		TL431AILPME3		S	TO-92	3
TL431ACLP	On Semiconductor		TL431BCLPE3		S	TO-92	3
TL431ACLP	On Semiconductor		TL431BCLPME3		S	TO-92	3
TL431ACLP	On Semiconductor		TL431BILPE3		S	TO-92	3
TL431ACLP	On Semiconductor		TL431BQLPE3		S	TO-92	3
TL431ACLP	On Semiconductor		TL431BQLPME3		S	TO-92	3
TL431ACLPG	On Semiconductor		TL431CLP		S	TO-92	3
TL431ACLPR	On Semiconductor		TL431ACLPR		S	TO-92	3
TL431ACLPR	On Semiconductor		TL431CLPR		S	TO-92	3
TL431ACLPRAG	On Semiconductor		TL431ACLPR		S	TO-92	3
TL431ACLPRAG	On Semiconductor		TL431CLPR		S	TO-92	3
TL431ACLPRE	On Semiconductor		TL431ACLPR		S	TO-92	3
TL431ACLPRE	On Semiconductor		TL431CLPR		S	TO-92	3
TL431ACLPREG	On Semiconductor		TL431ACLPR		S	TO-92	3
TL431ACLPREG	On Semiconductor		TL431CLPR		S	TO-92	3
TL431ACLPRP	On Semiconductor		TL431ACLPR		S	TO-92	3
TL431ACLPRP	On Semiconductor		TL431CLPR		S	TO-92	3
TL431ACLPRPG	On Semiconductor		TL431ACLPR		S	TO-92	3
TL431ACLPRPG	On Semiconductor		TL431CLPR		S	TO-92	3
TL431ACLPX	Fairchild Semiconductor		TL431AILPR		S	TO-92	3
TL431ACP	On Semiconductor		TL431AIP		S	PDIP	8
TL431ACP	On Semiconductor		TL431BCP		S	PDIP	8
TL431ACP	On Semiconductor		TL431BIP		S	PDIP	8
TL431ACP	On Semiconductor		TL431BIPE4		S	PDIP	8
TL431ACP	On Semiconductor		TL431CP		S	PDIP	8
TL431ACP	On Semiconductor		TL431IP		S	PDIP	8
TL431ACPG	On Semiconductor		TL431BCPE4		S	PDIP	8
TL431ACPG	On Semiconductor		TL431BIPE4		S	PDIP	8
TL431ACPN	NXP Semiconductor	Discontinued DN-51A Addendum, 03/12/2004	TL431ACP		S	PDIP	8
TL431ACZ	ST Microelectronics (STM)		TL431ACLPE3		S	TO-92	3
TL431ACZ	Fairchild Semiconductor		TL431AILP		S	TO-92	3
TL431ACZ-AP	ST Microelectronics (STM)		TL431ACLPM		S	TO-92	3
TL431ACZT	ST Microelectronics (STM)		TL431ACLPR		S	TO-92	3
TL431ACZX	Fairchild Semiconductor		TL431AILPR		S	TO-92	3
TL431AID	On Semiconductor		TL431ACD		S	SOIC	8
TL431AID	On Semiconductor		TL431ACDG4		S	SOIC	8
TL431AID	NXP Semiconductor	Discontinued DN-51A Addendum, 03/12/2004	TL431AID		S	SOIC	8
TL431AID	On Semiconductor		TL431AID		S	SOIC	8
TL431AID	On Semiconductor		TL431AIDG4		S	SOIC	8
TL431AID	On Semiconductor		TL431BCD		S	SOIC	8
TL431AID	On Semiconductor		TL431BCDE4		S	SOIC	8
TL431AID	On Semiconductor		TL431BID		S	SOIC	8
TL431AID	On Semiconductor		TL431BIDE4		S	SOIC	8
TL431AID	On Semiconductor		TL431BQD		S	SOIC	8
TL431AID	ST Microelectronics (STM)	1.0%	TL431BQD	0.5%	S	SOIC	8
TL431AID	On Semiconductor		TL431BQDE4		S	SOIC	8
TL431AID	On Semiconductor		TL431CD		S	SOIC	8

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
TL431AID	On Semiconductor		TL431CDG4		S	SOIC	8
TL431AID	On Semiconductor		TL431CDR		S	SOIC	8
TL431AID	On Semiconductor		TL431ID		S	SOIC	8
TL431AID	On Semiconductor		TL431IDG4		S	SOIC	8
TL431AID5	NXP Semiconductor	Discontinued DN-51A Addendum, 03/12/2004	TL431AIDBVR		S	SOT-23	5
TL431AID5-G	NXP Semiconductor	Discontinued DN-51A Addendum, 03/12/2004	TL431AIDBVR		S	SOT-23	5
TL431AIDG	On Semiconductor		TL431ACD		S	SOIC	8
TL431AIDG	On Semiconductor		TL431ACDG4		S	SOIC	8
TL431AIDG	On Semiconductor		TL431AID		S	SOIC	8
TL431AIDG	On Semiconductor		TL431AIDG4		S	SOIC	8
TL431AIDG	On Semiconductor		TL431BCD		S	SOIC	8
TL431AIDG	On Semiconductor		TL431BCDE4		S	SOIC	8
TL431AIDG	On Semiconductor		TL431BIDE4		S	SOIC	8
TL431AIDG	On Semiconductor		TL431BQDE4		S	SOIC	8
TL431AIDG	On Semiconductor		TL431CD		S	SOIC	8
TL431AIDG	On Semiconductor		TL431CDG4		S	SOIC	8
TL431AIDG	On Semiconductor		TL431CDR		S	SOIC	8
TL431AIDG	On Semiconductor		TL431ID		S	SOIC	8
TL431AIDG	On Semiconductor		TL431IDG4		S	SOIC	8
TL431AIDT	ST Microelectronics (STM)	1.0%	TL431BQDR	0.5%	S	SOIC	8
TL431AID-T	NXP Semiconductor	Discontinued DN-51A Addendum, 03/12/2004	TL431AIDR		S	SOIC	8
TL431AILP	On Semiconductor		TL431ACLPM		S	TO-92	3
TL431AILP	Vishay Siliconix (SI)		TL431AILP		S	TO-92/TO-226	3
TL431AILP	On Semiconductor		TL431AILP		S	TO-92	3
TL431AILP	On Semiconductor		TL431AILPME3		S	TO-92	3
TL431AILP	On Semiconductor		TL431BCLPE3		S	TO-92	3
TL431AILP	On Semiconductor		TL431BCLPME3		S	TO-92	3
TL431AILP	On Semiconductor		TL431BILPE3		S	TO-92	3
TL431AILP	On Semiconductor		TL431BQLPE3		S	TO-92	3
TL431AILP	On Semiconductor		TL431BQLPME3		S	TO-92	3
TL431AILP/1H	Vishay Siliconix (SI)	VKA, VREF differ	TL431AILP		S	TO-92	3
TL431AILP/1H	Vishay Siliconix (SI)		TL431AILPME3		S	TO-92	3
TL431AILPG	On Semiconductor		TL431CLP		S	TO-92	3
TL431AILPRA	On Semiconductor		TL431ACLPR		S	TO-92	3
TL431AILPRA	On Semiconductor		TL431CLPR		S	TO-92	3
TL431AILPRAG	On Semiconductor		TL431ACLPR		S	TO-92	3
TL431AILPRAG	On Semiconductor		TL431CLPR		S	TO-92	3
TL431AILPRM	On Semiconductor		TL431ACLPR		S	TO-92	3
TL431AILPRM	On Semiconductor		TL431CLPR		S	TO-92	3
TL431AILPRMG	On Semiconductor		TL431ACLPR		S	TO-92	3
TL431AILPRMG	On Semiconductor		TL431CLPR		S	TO-92	3
TL431AILPRP	On Semiconductor		TL431ACLPR		S	TO-92	3
TL431AILPRP	On Semiconductor		TL431CLPR		S	TO-92	3
TL431AILPRPG	On Semiconductor		TL431ACLPR		S	TO-92	3
TL431AILPRPG	On Semiconductor		TL431CLPR		S	TO-92	3
TL431AIP	On Semiconductor		TL431AIP		S	PDIP	8
TL431AIP	On Semiconductor		TL431BCP		S	PDIP	8
TL431AIP	On Semiconductor		TL431BIP		S	PDIP	8
TL431AIP	On Semiconductor		TL431BIPE4		S	PDIP	8
TL431AIP	On Semiconductor		TL431CP		S	PDIP	8
TL431AIP	On Semiconductor		TL431IP		S	PDIP	8
TL431AIPG	On Semiconductor		TL431BIPE4		S	PDIP	8
TL431AIPN	NXP Semiconductor	Discontinued DN-51A Addendum, 03/12/2004	TL431AIP		S	PDIP	8
TL431AIS/5-E3	Vishay Siliconix (SI)	VKA, VREF differ	TL431AIDR		S	SOIC	8
TL431AIS/5H-E3	Vishay Siliconix (SI)	Pb-Free	TL431AIDR		S	SOIC	8
TL431AIU1/48H	Vishay Siliconix (SI)		TL431AIDBZR		S	SOT-23	3
TL431AIU2/48H	Vishay Siliconix (SI)		TL432AIDBZR		S	SOT-23	3
TL431AIX/11H-E3	Vishay Siliconix (SI)	Pb-Free	TL431AIPK		S	SOT-89	3
TL431AIZ	ST Microelectronics (STM)	1.0%	TL431BQLP	0.5%	S	TO-92/TO-226	3
TL431AIZ	ST Microelectronics (STM)		TL431BQLPE3		S	TO-92	3
TL431AIZ-AP	ST Microelectronics (STM)	1.0%	TL431BQLPM	0.5%	S	TO-92/TO-226	3
TL431AIZ-AP	ST Microelectronics (STM)		TL431BQLPME3		S	TO-92	3
TL431AIZT	ST Microelectronics (STM)	1.0%	TL431BQLPR	0.5%	S	TO-92/TO-226	3
TL431AIZT	ST Microelectronics (STM)		TL431BQLPRE3		S	TO-92	3

TL431AID — TL431AIZT

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition				Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments				
TL431BCD	On Semiconductor		TL431BCD		S	SOIC	8	
TL431BCDG	On Semiconductor	Pb-Free	TL431BCD		S	SOIC	8	
TL431BCDM	On Semiconductor		TL431BCPW	Must-have	S			
TL431BCDMR2	On Semiconductor		TL431BCPW		S			
TL431BCDMR2	On Semiconductor		TL431BCPWR		S			
TL431BCDMR2G	On Semiconductor		TL431BCPWRE4		S			
TL431BCDR2	On Semiconductor		TL431ACDR		S	SOIC	8	
TL431BCDR2	On Semiconductor		TL431AIDR		S	SOIC	8	
TL431BCDR2	On Semiconductor		TL431BCDR		S	SOIC	8	
TL431BCDR2	On Semiconductor		TL431BIDR		S	SOIC	8	
TL431BCDR2	On Semiconductor		TL431BQDR		S	SOIC	8	
TL431BCDR2	On Semiconductor		TL431CDR		S	SOIC	8	
TL431BCDR2	On Semiconductor		TL431IDR		S	SOIC	8	
TL431BCDR2G	On Semiconductor	Pb-Free	TL431BCDR		S	SOIC	8	
TL431BCLP	On Semiconductor		TL431BCLPE3		S	TO-92	3	
TL431BCLPG	On Semiconductor		TL431BCLPE3		S	TO-92	3	
TL431BCLPRA	On Semiconductor		TL431BCLPRE3		S	TO-92	3	
TL431BCLPRAG	On Semiconductor		TL431BCLPRE3		S	TO-92	3	
TL431BCLPRE	On Semiconductor		TL431ACLPR		S	TO-92	3	
TL431BCLPRE	On Semiconductor		TL431CLPR		S	TO-92	3	
TL431BCLPREG	On Semiconductor		TL431ACLPR		S	TO-92	3	
TL431BCLPREG	On Semiconductor		TL431CLPR		S	TO-92	3	
TL431BCLPRM	On Semiconductor		TL431BCLPME3		S	TO-92	3	
TL431BCLPRMG	On Semiconductor		TL431BCLPME3		S	TO-92	3	
TL431BCP	On Semiconductor		TL431BCP		S	PDIP	8	
TL431BCPG	On Semiconductor	Pb-Free	TL431BCP		S	PDIP	8	
TL431BID	On Semiconductor		TL431BID		S	SOIC	8	
TL431BIDG	On Semiconductor	Pb-Free	TL431BID		S	SOIC	8	
TL431BIDR2	On Semiconductor		TL431ACDR		S	SOIC	8	
TL431BIDR2	On Semiconductor		TL431AIDR		S	SOIC	8	
TL431BIDR2	On Semiconductor		TL431BCDR		S	SOIC	8	
TL431BIDR2	On Semiconductor		TL431BIDR		S	SOIC	8	
TL431BIDR2	On Semiconductor		TL431BQDR		S	SOIC	8	
TL431BIDR2	On Semiconductor		TL431CDR		S	SOIC	8	
TL431BIDR2	On Semiconductor		TL431IDR		S	SOIC	8	
TL431BIDR2G	On Semiconductor	Pb-Free	TL431BIDR		S	SOIC	8	
TL431BILP	On Semiconductor		TL431BILPE3		S	TO-92	3	
TL431BILPG	On Semiconductor		TL431BILPE3		S	TO-92	3	
TL431BILPRA	On Semiconductor		TL431BILPRE3		S	TO-92	3	
TL431BILPRAG	On Semiconductor		TL431BILPRE3		S	TO-92	3	
TL431BIP	On Semiconductor		TL431BIP		S	PDIP	8	
TL431BIPG	On Semiconductor	Pb-Free	TL431BIP		S	PDIP	8	
TL431BVD	On Semiconductor		TL431ACD		S	SOIC	8	
TL431BVD	On Semiconductor		TL431ACDG4		S	SOIC	8	
TL431BVD	On Semiconductor		TL431AID		S	SOIC	8	
TL431BVD	On Semiconductor		TL431AIDG4		S	SOIC	8	
TL431BVD	On Semiconductor		TL431BCD		S	SOIC	8	
TL431BVD	On Semiconductor		TL431BCDE4		S	SOIC	8	
TL431BVD	On Semiconductor		TL431BID		S	SOIC	8	
TL431BVD	On Semiconductor		TL431BIDE4		S	SOIC	8	
TL431BVD	On Semiconductor		TL431BQD		S	SOIC	8	
TL431BVD	On Semiconductor		TL431BQDE4		S	SOIC	8	
TL431BVD	On Semiconductor		TL431CD		S	SOIC	8	
TL431BVD	On Semiconductor		TL431CDG4		S	SOIC	8	
TL431BVD	On Semiconductor		TL431CDR		S	SOIC	8	
TL431BVD	On Semiconductor		TL431ID		S	SOIC	8	
TL431BVD	On Semiconductor		TL431IDG4		S	SOIC	8	
TL431BVDR2	On Semiconductor	Pb-Free	TL431BQD		S	SOIC	8	
TL431BVDR2	On Semiconductor		TL431ACDR		S	SOIC	8	
TL431BVDR2	On Semiconductor		TL431AIDR		S	SOIC	8	
TL431BVDR2	On Semiconductor		TL431BCDR		S	SOIC	8	
TL431BVDR2	On Semiconductor		TL431BIDR		S	SOIC	8	
TL431BVDR2	On Semiconductor		TL431BQDR		S	SOIC	8	
TL431BVDR2	On Semiconductor		TL431CDR		S	SOIC	8	

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
TL431BVD2R	On Semiconductor		TL431IDR		S	SOIC	8
TL431BVDR2G	On Semiconductor	Pb-Free	TL431BQDR		S	SOIC	8
TL431BVLP	On Semiconductor		TL431ACLPE3		S	TO-92	3
TL431BVLP	On Semiconductor		TL431ACLPM		S	TO-92	3
TL431BVLP	On Semiconductor		TL431AILP		S	TO-92	3
TL431BVLP	On Semiconductor		TL431AILPME3		S	TO-92	3
TL431BVLP	On Semiconductor		TL431BCLPE3		S	TO-92	3
TL431BVLP	On Semiconductor		TL431BCLPME3		S	TO-92	3
TL431BVLP	On Semiconductor		TL431BILPE3		S	TO-92	3
TL431BVLP	On Semiconductor		TL431BQLPE3		S	TO-92	3
TL431BVLP	On Semiconductor		TL431BQLPME3		S	TO-92	3
TL431BVLP	On Semiconductor		TL431BQLPE3		S	TO-92	3
TL431BVP	On Semiconductor		TL431ACP		S	PDIP	8
TL431BVP	On Semiconductor		TL431AIP		S	PDIP	8
TL431BVP	On Semiconductor		TL431BCP		S	PDIP	8
TL431BVP	On Semiconductor		TL431BIP		S	PDIP	8
TL431BVP	On Semiconductor		TL431BIPE4		S	PDIP	8
TL431BVP	On Semiconductor		TL431CP		S	PDIP	8
TL431BVP	On Semiconductor		TL431IP		S	PDIP	8
TL431CD	NXP Semiconductor	Discontinued DN-50, 12/31/2003	TL431CD		S	SOIC	8
TL431CD	ST Microelectronics (STM)		TL431CD		S	SOIC	8
TL431CD	ST Microelectronics (STM)		TL431CDG4		S	SOIC	8
TL431CD	ST Microelectronics (STM)		TL431ID		S	SOIC	8
TL431CD	ST Microelectronics (STM)		TL431IDG4		S	SOIC	8
TL431CD5	NXP Semiconductor	Discontinued DN-50, 12/31/2003	TL431CDBVR		S	SOT-23	5
TL431CD5-G	NXP Semiconductor	Discontinued DN-50, 12/31/2003	TL431CDBVR		S	SOT-23	5
TL431CDT	ST Microelectronics (STM)		TL431CDR		S	SOIC	8
TL431CD-T	NXP Semiconductor	Discontinued DN-50, 12/31/2003	TL431CDR		S	SOIC	8
TL431CLP	Fairchild Semiconductor		TL431ILP		S	TO-92	3
TL431CLP	Fairchild Semiconductor		TLV431CLP		S	TO-92	3
TL431CLP	Fairchild Semiconductor		TLV431CLPE3		S	TO-92	3
TL431CLP	Fairchild Semiconductor		TLVH431CLP		S	TO-92	3
TL431CLP	Fairchild Semiconductor		TLVH431CLPE3		S	TO-92	3
TL431CP	Fairchild Semiconductor	Pb-Free	TL431IP		S	PDIP	8
TL431CPN	NXP Semiconductor	Discontinued DN-50, 12/31/2003	TL431CP		S	PDIP	8
TL431ID	NXP Semiconductor	Discontinued DN-50, 12/31/2003	TL431ID		S	SOIC	8
TL431ID	ST Microelectronics (STM)		TL431ID		S	SOIC	8
TL431ID	ST Microelectronics (STM)		TL431IDG4		S	SOIC	8
TL431ID	ST Microelectronics (STM)		TL431QD		S	SOIC	8
TL431ID5	NXP Semiconductor	Discontinued DN-50, 12/31/2003	TL431IDBVR		S	SOT-23	5
TL431ID5-G	NXP Semiconductor	Discontinued DN-50, 12/31/2003	TL431IDBVR		S	SOT-23	5
TL431IDT	ST Microelectronics (STM)		TL431QDR		S	SOIC	8
TL431ID-T	NXP Semiconductor	Discontinued DN-50, 12/31/2003	TL431IDR		S	SOIC	8
TL431ILP	Vishay Siliconix (SI)		TL431ILP		S	TO-92/TO-226	3
TL431ILP/1H	Vishay Siliconix (SI)		TL431ILPR		S	TO-92	3
TL431IPN	NXP Semiconductor	Discontinued DN-50, 12/31/2003	TL431IP		S	PDIP	8
TL431IS/5H-E3	Vishay Siliconix (SI)	Pb-Free	TL431IDR		S	SOIC	8
TL431IU1/48H	Vishay Siliconix (SI)		TL431IDBZR		S	SOT-23	3
TL431IU2/48H	Vishay Siliconix (SI)	IK, VKA differ	TL432IDBZR		S	SOT-23	3
TL431IU-2/48H	Vishay Siliconix (SI)		TL432IDBZR		S	SOT-23	3
TL431IX/11H-E3	Vishay Siliconix (SI)	Pb-Free	TL431IPK		S	SOT-89	3
TL431IZT	ST Microelectronics (STM)		TL431ILPR		S	TO-92	3
TL494CD	Fairchild Semiconductor		TL494CD		S	SOIC	16
TL494CDX	Fairchild Semiconductor		TL494CDR		S	SOIC	16
TL494CN	Fairchild Semiconductor		TL494CN		S	PDIP	16
TLV431ALP	On Semiconductor	IK, VKA differ	TLV431AILPE3		S	TO-92	3
TLV431ALP	On Semiconductor	IK, VKA differ	TLV431AILPME3		S	TO-92	3
TLV431ALPG	On Semiconductor	IK, VKA differ	TLV431AILPE3		S	TO-92	3
TLV431ALPRA	On Semiconductor	IK, VKA differ	TLV431AILPRE3		S	TO-92	3
TLV431ALPRAG	On Semiconductor	IK, VKA differ	TLV431AILPRE3		S	TO-92	3
TLV431ALPRE	On Semiconductor	IK, VKA differ	TLV431AILPRE3		S	TO-92	3
TLV431ALPREG	On Semiconductor	IK, VKA differ	TLV431AILPRE3		S	TO-92	3
TLV431ALPRM	On Semiconductor	IK, VKA differ	TLV431AILPME3		S	TO-92	3
TLV431ALPRMG	On Semiconductor	IK, VKA differ	TLV431AILPME3		S	TO-92	3

TL431BVDR2 — TLV431ALPRMG

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent



Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
TLV431ALPRP	On Semiconductor	IK, VKA differ	TLV431AILPME3		S	TO-92	3
TLV431ALPRPG	On Semiconductor	IK, VKA differ	TLV431AILPME3		S	TO-92	3
TLV431ASN1T1	On Semiconductor	16V VKA max	TLV431AIDBZR	6V VKA max	S	SOT-23	3
TLV431ASN1T1G	On Semiconductor	Pb-Free, 18V VKA max	TLV431AIDBZR	6V VKA max	S	SOT-23	3
TLV431ASN1T	On Semiconductor	16V VKA max	TLV431AIDBVR	6V VKA max	S	SOT-23	5
TLV431ASN1TG	On Semiconductor	Pb-Free, 18V VKA max	TLV431AIDBVR	6V VKA max	S	SOT-23	5
TLV431BLP	On Semiconductor	IK, VKA differ	TLV431BILPE3		S	TO-92	3
TLV431BLPG	On Semiconductor	IK, VKA differ	TLV431BILPE3		S	TO-92	3
TLV431BLPRA	On Semiconductor		TLV431BILPRE3		S	TO-92	3
TLV431BLPRAG	On Semiconductor		TLV431BILPRE3		S	TO-92	3
TLV431BLPRE	On Semiconductor		TLV431BILPRE3		S	TO-92	3
TLV431BLPREG	On Semiconductor	IK, VKA differ	TLV431BILPRE3		S	TO-92	3
TLV431BLPRM	On Semiconductor		TLV431BILPRE3		S	TO-92	3
TLV431BLPRMG	On Semiconductor	IK, VKA differ	TLV431BILPRE3		S	TO-92	3
TLV431BLPRP	On Semiconductor		TLV431BILPRE3		S	TO-92	3
TLV431BLPRPG	On Semiconductor	IK, VKA differ	TLV431BILPRE3		S	TO-92	3
TLV431BSN1T1	On Semiconductor	16V VKA max	TLV431BIDBZR	6V VKA max	S	SOT-23	3
TLV431BSN1T1G	On Semiconductor	Pb-Free, 16V VKA max	TLV431BIDBZR	6V VKA max	S	SOT-23	3
TLV431BSNT1	On Semiconductor	16V VKA max	TLV431BIDBVR	6V VKA max	S	SOT-23	5
TLV431BSNT1G	On Semiconductor	Pb-Free, 16V VKA max	TLV431BIDBVR	6V VKA max	S	SOT-23	5
TS2431AILT	ST Microelectronics (STM)		TL431AQDBZR	Also TL431AQDBZT	S	SOT-23	3
TS2431BILT	ST Microelectronics (STM)		TL431BQDBZR	Also TL431BQDBZT	S	SOT-23	3
TS2431ILT	ST Microelectronics (STM)		TL431QDBZR		S	SOT-23	3
TS321AID	ST Microelectronics (STM)		TS321ID		S	SOIC	8
TS321AIDT	ST Microelectronics (STM)		TS321IDR		S	SOIC	8
TS321AIL	ST Microelectronics (STM)		TS321IDBVR		S	SOT-23	5
TS321AILT	ST Microelectronics (STM)		TS321IDBVR		S	SOT-23	5
TS321ID	ST Microelectronics (STM)		TS321ID		S	SOIC	8
TS321IDT	ST Microelectronics (STM)		TS321IDR		S	SOIC	8
TS321IL	ST Microelectronics (STM)		TS321IDBVR		S	SOT-23	5
TS321ILT	ST Microelectronics (STM)		TS321IDBVR		S	SOT-23	5
TS4040DIAP-2.5	ST Microelectronics (STM)		LM4040D25ILPR	Not available in magazine, use reeled	S	TO-92	3
TS4040DILT-2.5	ST Microelectronics (STM)		LM4040D25IDBZR		S	SOT-23	3
TS4040DIZ-2.5	ST Microelectronics (STM)		LM4040D25ILP		S	TO-92	3
TS4040DIZT-2.5	ST Microelectronics (STM)		LM4040D25ILPR		S	TO-92	3
TS4040EIAP-2.5	ST Microelectronics (STM)		LM4040D25ILPR	Not available in magazine, use tubed	S	TO-92	3
TS4040EILT-2.5	ST Microelectronics (STM)	+/- 2%	LM4040D25IDBZR	+/- 1%	S	SOT-23	3
TS4040EIZ-2.5	ST Microelectronics (STM)	+/- 2%	LM4040D25ILP	+/- 1%	S	TO-92	3
TS4040EIZT-2.5	ST Microelectronics (STM)	+/- 2%	LM4040D25ILPR	+/- 1%	S	TO-92	3
TS4041CIAP-1.2	ST Microelectronics (STM)		LM4041C12ILP		S	TO-92	3
TS4041CIAP-1.2	ST Microelectronics (STM)		LM4041C12ILPR	Planned, Not available in magazine, use reeled	S	TO-92	3
TS4041CILT-1.2	ST Microelectronics (STM)		LM4041C12IDBZR		S	SOT-23	3
TS4041CIZ-1.2	ST Microelectronics (STM)		LM4041C12ILP		S	TO-92	3
TS4041CIZT-1.2	ST Microelectronics (STM)		LM4041C12ILPR		S	TO-92	3
TS4041DIAP-1.2	ST Microelectronics (STM)		LM4041D12ILPR	Planned, Not available in magazine, use reeled	S	TO-92	3
TS4041DILT-1.2	ST Microelectronics (STM)		LM4041D12IDBZR		S	SOT-23	3
TS4041DIZ-1.2	ST Microelectronics (STM)		LM4041D12ILP		S	TO-92	3
TS4041DIZT-1.2	ST Microelectronics (STM)		LM4041D12ILPR		S	TO-92	3
TS4041EIAP-1.2	ST Microelectronics (STM)	+/- 2%	LM4041D12ILPR	Planned, +/-1%, Not available in magazine, use reeled	S	TO-92	3
TS4041EILT-1.2	ST Microelectronics (STM)	+/- 2%	LM4041D12IDBZR	+/- 1%	S	SOT-23	3
TS4041EIZ-1.2	ST Microelectronics (STM)	+/- 2%	LM4041D12ILP	+/- 1%	S	TO-92	3
TS4041EIZT-1.2	ST Microelectronics (STM)	+/- 2%	LM4041D12ILPR	+/- 1%	S	TO-92	3
TS431AIL	ST Microelectronics (STM)	VKA differs	TL431CDBVR		S	SOT-23	5
TS431AILT	ST Microelectronics (STM)	IK, VKA differ	TLV431AIDBVR		S	SOT-23	5
TS431AIZ	ST Microelectronics (STM)	IK 30mA Max	TLV431ILP	IK 15mA Max	S	TO-92/TO-226	3
TS431AIZ	ST Microelectronics (STM)	IK, VKA differ	TLV431ILPE3		S	TO-92	3
TS431AIZ-AP	ST Microelectronics (STM)	IK, VKA differ	TLV431AILPME3		S	TO-92	3
TS431AIZT	ST Microelectronics (STM)	IK, VKA differ	TLV431AILPRE3		S	TO-92	3
TS431BILT	ST Microelectronics (STM)	IK 30mA Max	TLV431BQDBVR	IK 15mA Max, Also TLV431BCDBVR -40 to 85C	S	SOT-23	3
TS431BIZ	ST Microelectronics (STM)	IK, VKA differ	TLV431BILPE3		S	TO-92	3
TS431BIZ-AP	ST Microelectronics (STM)	IK, VKA differ	TLV431BILPRE3		S	TO-92	3

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
TS431BIZT	ST Microelectronics (STM)	IK, VKA differ	TLV431BILPRE3		S	TO-92	3
TS431ILT	ST Microelectronics (STM)	IK 30mA Max	TLV431IDBVR	IK 15mA Max	S	SOT-23	5
TS431IZ	ST Microelectronics (STM)	IK 30mA Max	TLV431ILP	IK 15mA Max	S	TO-92/TO-226	3
TS431IZ	ST Microelectronics (STM)	IK, VKA differ	TLV431ILPE3		S	TO-92	3
TS431IZ-AP	ST Microelectronics (STM)	IK, VKA differ	TLV431ILPR	Not available in magazine, use tubed	S	TO-92	3
TS431IZ-AP	ST Microelectronics (STM)	IK, VKA differ	TLV431ILPRE3		S	TO-92	3
TS431IZT	ST Microelectronics (STM)	IK 30mA Max	TLV431ILPR	IK 15mA Max	S	TO-92/TO-226	3
TS431IZT	ST Microelectronics (STM)	IK, VKA differ	TLV431ILPRE3		S	TO-92	3
TS432AILT	ST Microelectronics (STM)	10V VKA Max, Ik 12mA Max	TLV431BIDBVR	6V VKA Max, IK 15mA Max	S	SOT-23	5
TS432ILT	ST Microelectronics (STM)	10V VKA Max, Ik 12mA Max	TLV431AIDBVR	6V VKA Max, IK 15mA Max	S	SOT-23	5
TSH24ID	ST Microelectronics (STM)	Av, CMRR, GBW, PSRR, Vs differ	TL054ID		Q	SOIC	14
TSH24IDT	ST Microelectronics (STM)	Av, CMRR, GBW, PSRR, Vs differ	TL054IDR		Q	SOIC	14
UA723CD	NXP Semiconductor	Vin differs	UA723CD		S	SOIC	14
UA723CN	NXP Semiconductor	Vin differs	UA723CN		S	PDIP	14
UA723F	NXP Semiconductor	Vin differs	UA723CN		Q	CDIP	14
UA78L05ACM	National Semiconductor (NSC)		UA78L05ACD		S	SOIC	8
UA78L05ACMX	National Semiconductor (NSC)		UA78L05ACDR		S	SOIC	8
UA78L05ACZ	National Semiconductor (NSC)		UA78L05ACLPM		S	TO-92	3
UA78L12ACM	National Semiconductor (NSC)		UA78L12ACD		S	SOIC	8
UA78L12ACMX	National Semiconductor (NSC)		UA78L12ACDR		S	SOIC	8
UA78L12ACZ	National Semiconductor (NSC)		UA78L12ACLPM		S	TO-92	3
UC2842AD	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL2842BD		S	SOIC	14
UC2842AD	Microsemi Corporation (Linfity)	Pb-Free	TL2842BD		S	SOIC	14
UC2842ADG	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL2842BD		S	SOIC	14
UC2842ADM	Microsemi Corporation (Linfity)	Pb-Free	TL2842BD-8		S	SOIC	8
UC2842ADM-TR	Microsemi Corporation (Linfity)	Pb-Free	TL2842BDR-8		S	SOIC	8
UC2842ADR2	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL2842BDR		S	SOIC	14
UC2842ADR2G	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL2842BDR		S	SOIC	14
UC2842AD-TR	Microsemi Corporation (Linfity)	Pb-Free	TL2842BDR		S	SOIC	14
UC2842AM	Microsemi Corporation (Linfity)		TL2842BP		S	PDIP	8
UC2842AN	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL2842BP		S	PDIP	8
UC2842ANG	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL2842BP		S	PDIP	8
UC2842BD	On Semiconductor		TL2842BD		S	SOIC	14
UC2842BD1	On Semiconductor		TL2842BD-8		S	SOIC	8
UC2842BD1	ST Microelectronics (STM)	NRND 09/11/2006	TL2842BD-8		S	SOIC	8
UC2842BD1013TR	ST Microelectronics (STM)	NRND 09/11/2006	TL2842BDR-8		S	SOIC	8
UC2842BD1G	On Semiconductor	Pb-Free	TL2842BD-8		S	SOIC	8
UC2842BD1R2	On Semiconductor		TL2842BDR-8		S	SOIC	8
UC2842BD1R2G	On Semiconductor	Pb-Free	TL2842BDR-8		S	SOIC	8
UC2842BDG	On Semiconductor	Pb-Free	TL2842BD		S	SOIC	14
UC2842BDR2G	On Semiconductor	Pb-Free	TL2842BDR		S	SOIC	14
UC2842BN	On Semiconductor		TL2842BP		S	PDIP	8
UC2842BN	ST Microelectronics (STM)	NRND 09/11/2006	TL2842BP		S	PDIP	8
UC2842BNG	On Semiconductor	Pb-Free	TL2842BP		S	PDIP	8
UC2843AD	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL2843BD		S	SOIC	14
UC2843AD	Microsemi Corporation (Linfity)	Pb-Free	TL2843BD		S	SOIC	14
UC2843AD1	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL2843BD-8		S	SOIC	8
UC2843AD1G	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL2843BD-8		S	SOIC	8
UC2843AD1R2	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL2843BDR-8		S	SOIC	8
UC2843AD1R2G	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL2843BDR-8		S	SOIC	8
UC2843ADG	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL2843BD		S	SOIC	14
UC2843ADM	Microsemi Corporation (Linfity)	Pb-Free	TL2843BD-8		S	SOIC	8
UC2843ADM-TR	Microsemi Corporation (Linfity)	Pb-Free	TL2843BDR-8		S	SOIC	8
UC2843ADR2	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL2843BDR		S	SOIC	14
UC2843ADR2G	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL2843BDR		S	SOIC	14
UC2843AD-TR	Microsemi Corporation (Linfity)	Pb-Free	TL2843BDR		S	SOIC	14
UC2843AM	Microsemi Corporation (Linfity)		TL2843BP		S	PDIP	8
UC2843AN	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL2843BP		S	SOIC	8
UC2843ANG	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL2843BP		S	PDIP	8
UC2843BD	On Semiconductor		TL2843BD		S	SOIC	14
UC2843BD1	On Semiconductor		TL2843BD-8		S	SOIC	8
UC2843BD1	ST Microelectronics (STM)	NRND 09/11/2006	TL2843BD-8		S	SOIC	8
UC2843BD1013TR	ST Microelectronics (STM)	NRND 09/11/2006	TL2843BDR-8		S	SOIC	8
UC2843BD1G	On Semiconductor	Pb-Free	TL2843BD-8		S	SOIC	8

TS431BIZT — UC2843BD1G

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
UC2843BD1R2	On Semiconductor		TL2843BDR-8		S	SOIC	8
UC2843BD1R2G	On Semiconductor	Pb-Free	TL2843BDR-8		S	SOIC	8
UC2843BDG	On Semiconductor	Pb-Free	TL2843BD		S	SOIC	14
UC2843BDR2	On Semiconductor		TL2843BDR		S	SOIC	14
UC2843BDR2G	On Semiconductor	Pb-Free	TL2843BDR		S	SOIC	14
UC2843BN	On Semiconductor		TL2843BP		S	PDIP	8
UC2843BN	ST Microelectronics (STM)	NRND 09/11/2006	TL2843BP		S	PDIP	8
UC2843BNG	On Semiconductor	Pb-Free	TL2843BP		S	PDIP	8
UC2844AD	Microsemi Corporation (Linfity)	Pb-Free	TL2844BD		S	SOIC	14
UC2844ADM	Microsemi Corporation (Linfity)	Pb-Free	TL2844BD-8		S	SOIC	8
UC2844ADM-TR	Microsemi Corporation (Linfity)	Pb-Free	TL2844BDR-8		S	SOIC	8
UC2844AD-TR	Microsemi Corporation (Linfity)	Pb-Free	TL2844BDR		S	SOIC	14
UC2844AM	Microsemi Corporation (Linfity)		TL2844BP		S	PDIP	8
UC2844BD1	ST Microelectronics (STM)	NRND 09/11/2006	TL2844BD-8		S	SOIC	8
UC2844BD1013TR	ST Microelectronics (STM)	NRND 09/11/2006	TL2844BDR-8		S	SOIC	8
UC2844BD1R2	On Semiconductor		TL2844BDR-8		S	SOIC	8
UC2844BD1R2G	On Semiconductor	Pb-Free	TL2844BDR-8		S	SOIC	8
UC2844BDR2	On Semiconductor		TL2844BDR		S	SOIC	14
UC2844BDR2G	On Semiconductor	Pb-Free	TL2844BDR		S	SOIC	14
UC2844BN	On Semiconductor		TL2844BP		S	PDIP	8
UC2844BN	ST Microelectronics (STM)	NRND 09/11/2006	TL2844BP		S	PDIP	8
UC2844BNG	On Semiconductor	Pb-Free	TL2844BP		S	PDIP	8
UC2844D	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL2844D		S	SOIC	14
UC2844DG	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL2844D		S	SOIC	14
UC2844DR2	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL2844DR		S	SOIC	14
UC2844DR2G	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL2844DR		S	SOIC	14
UC2844N	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL2844P		S	PDIP	8
UC2844NG	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL2844P		S	PDIP	8
UC2845AD	Microsemi Corporation (Linfity)	Pb-Free	TL2845BD		S	SOIC	14
UC2845ADM	Microsemi Corporation (Linfity)	Pb-Free	TL2845BD-8		S	SOIC	8
UC2845ADM-TR	Microsemi Corporation (Linfity)	Pb-Free	TL2845BDR-8		S	SOIC	8
UC2845AD-TR	Microsemi Corporation (Linfity)	Pb-Free	TL2845BDR		S	SOIC	14
UC2845AM	Microsemi Corporation (Linfity)		TL2845BP		S	PDIP	8
UC2845BD	On Semiconductor		TL2845BD		S	SOIC	14
UC2845BD1	On Semiconductor		TL2845BD-8		S	SOIC	8
UC2845BD1	ST Microelectronics (STM)	NRND 09/11/2006	TL2845BD-8		S	SOIC	8
UC2845BD1013TR	ST Microelectronics (STM)	NRND 09/11/2006	TL2845BDR-8		S	SOIC	8
UC2845BD1G	On Semiconductor	Pb-Free	TL2845BD-8		S	SOIC	8
UC2845BD1R2	On Semiconductor		TL2845BDR-8		S	SOIC	8
UC2845BD1R2G	On Semiconductor	Pb-Free	TL2845BDR-8		S	SOIC	8
UC2845BDG	On Semiconductor	Pb-Free	TL2845BD		S	SOIC	14
UC2845BDR2	On Semiconductor		TL2845BDR		S	SOIC	14
UC2845BDR2G	On Semiconductor	Pb-Free	TL2845BDR		S	SOIC	14
UC2845BN	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL2845P		S	PDIP	8
UC2845BN	ST Microelectronics (STM)	NRND 09/11/2006	TL2845BP		S	PDIP	8
UC2845BNG	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL2845BP		S	PDIP	8
UC2845D	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL2845D		S	SOIC	14
UC2845DG	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL2845D		S	SOIC	14
UC2845DR2	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL2845DR		S	SOIC	14
UC2845DR2G	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL2845DR		S	SOIC	14
UC2845N	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL2845P		S	PDIP	8
UC3842AD	Microsemi Corporation (Linfity)	Pb-Free	TL3842BD		S	SOIC	14
UC3842AD	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL3842BD		S	SOIC	14
UC3842AD	Fairchild Semiconductor	NRND 09/11/2006	TL3842BD-8		S	SOIC	8
UC3842ADG	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL3842BD		S	SOIC	14
UC3842ADM	Microsemi Corporation (Linfity)	Pb-Free	TL3842BD-8		S	SOIC	8
UC3842ADM-TR	Microsemi Corporation (Linfity)	Pb-Free	TL3842BDR-8		S	SOIC	8
UC3842ADR2	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL3842BDR		S	SOIC	14
UC3842ADR2G	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL3842BDR		S	SOIC	14
UC3842AD-TR	Microsemi Corporation (Linfity)	Pb-Free	TL3842BDR		S	SOIC	14
UC3842ADX	Fairchild Semiconductor	NRND 09/11/2006	TL3842BDR-8		S	SOIC	8
UC3842AM	Microsemi Corporation (Linfity)		TL3842BP		S	PDIP	8
UC3842AN	Fairchild Semiconductor	NRND 09/11/2006	TL3842BP		S	PDIP	8
UC3842AN	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL3842BP		S	PDIP	8

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
UC3842AN2	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL3842BP		S	PDIP	8
UC3842AN2G	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL3842BP		S	PDIP	8
UC3842ANG	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL3842BP		S	PDIP	8
UC3842BD	On Semiconductor		TL3842BD		S	SOIC	14
UC3842BD1	On Semiconductor		TL3842BD-8		S	SOIC	8
UC3842BD1	ST Microelectronics (STM)	NRND 09/11/2006	TL3842BD-8		S	SOIC	8
UC3842BD1013TR	ST Microelectronics (STM)	NRND 09/11/2006	TL3842BDR-8		S	SOIC	8
UC3842BD1G	On Semiconductor	Pb-Free	TL3842BD-8		S	SOIC	8
UC3842BD1R2	On Semiconductor		TL3842BDR-8		S	SOIC	8
UC3842BD1R2G	On Semiconductor	Pb-Free	TL3842BDR-8		S	SOIC	8
UC3842BDG	On Semiconductor	Pb-Free	TL3842BD		S	SOIC	14
UC3842BDR2	On Semiconductor		TL3842BDR		S	SOIC	14
UC3842BDR2G	On Semiconductor	Pb-Free	TL3842BDR		S	SOIC	14
UC3842BN	ST Microelectronics (STM)	NRND 09/11/2006	TL2842BP		S	PDIP	8
UC3842BN	On Semiconductor		TL3842BP		S	PDIP	8
UC3842BNG	On Semiconductor	Pb-Free	TL3842BP		S	PDIP	8
UC3842BVD1	On Semiconductor		TL2842BD-8	TI temp max 85C	S	SOIC	8
UC3842BVD1G	On Semiconductor	Pb-Free	TL2842BD-8	TI temp max 85C	S	SOIC	8
UC3842BVD1R2	On Semiconductor		TL2842BDR-8	TI temp max 85C	S	SOIC	8
UC3842BVD1R2G	On Semiconductor	Pb-Free	TL2842BDR-8	TI temp max 85C	S	SOIC	8
UC3842BVD2	On Semiconductor		TL2842BDR	TI temp max 85C	S	SOIC	14
UC3842BVD2G	On Semiconductor	Pb-Free	TL2842BDR	TI temp max 85C	S	SOIC	14
UC3842D	Fairchild Semiconductor	NRND 09/11/2006	TL3842D		S	SOIC	14
UC3842D1	Fairchild Semiconductor	Discontinued	TL3842D-8		S	SOIC	8
UC3842D1X	Fairchild Semiconductor	Discontinued	TL3842DR-8		S	SOIC	8
UC3842DX	Fairchild Semiconductor	Discontinued	TL3842DR		S	SOIC	14
UC3842N	Fairchild Semiconductor	NRND 09/11/2006	TL3842P		S	PDIP	8
UC3843AD	Microsemi Corporation (Linfinit)	Pb-Free	TL3843BD		S	SOIC	14
UC3843AD	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL3843BD		S	SOIC	14
UC3843AD	Fairchild Semiconductor	NRND 09/11/2006	TL3843BD-8		S	SOIC	8
UC3843AD1	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL3843BD-8		S	SOIC	8
UC3843AD1G	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL3843BD-8		S	SOIC	8
UC3843AD1R2	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL3843BDR-8		S	SOIC	8
UC3843AD1R2G	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL3843BDR-8		S	SOIC	8
UC3843AD2R2	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL3843BDR		S	SOIC	14
UC3843AD2R2G	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL3843BDR		S	SOIC	14
UC3843ADG	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL3843BD		S	SOIC	14
UC3843ADM	Microsemi Corporation (Linfinit)	Pb-Free	TL3843BD-8		S	SOIC	8
UC3843ADM-TR	Microsemi Corporation (Linfinit)	Pb-Free	TL3843BDR-8		S	SOIC	8
UC3843ADR2	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL3843BDR		S	SOIC	14
UC3843ADR2G	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL3843BDR		S	SOIC	14
UC3843AD-TR	Microsemi Corporation (Linfinit)	Pb-Free	TL3843BDR		S	SOIC	14
UC3843ADX	Fairchild Semiconductor	NRND 09/11/2006	TL3843BDR-8		S	SOIC	8
UC3843AM	Microsemi Corporation (Linfinit)		TL3843BP		S	PDIP	8
UC3843AN	Fairchild Semiconductor	NRND 09/11/2006	TL3843BP		S	PDIP	8
UC3843AN	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL3843BP		S	PDIP	8
UC3843AN2	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL3843BP		S	PDIP	8
UC3843AN2G	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL3843BP		S	PDIP	8
UC3843ANG	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL3843BP		S	PDIP	8
UC3843BD	On Semiconductor		TL3843BD		S	SOIC	14
UC3843BD1	ST Microelectronics (STM)	NRND 09/11/2006	TL3843BD-8		S	SOIC	8
UC3843BD1	On Semiconductor		TL3843BD-8		S	SOIC	8
UC3843BD1013TR	ST Microelectronics (STM)	NRND 09/11/2006	TL3843BDR-8		S	SOIC	8
UC3843BD1G	On Semiconductor	Pb-Free	TL3843BD-8		S	SOIC	8
UC3843BD1R2	On Semiconductor		TL3843BDR-8		S	SOIC	8
UC3843BD1R2G	On Semiconductor	Pb-Free	TL3843BDR-8		S	SOIC	8
UC3843BDG	On Semiconductor	Pb-Free	TL3843BD		S	SOIC	14
UC3843BDR2	On Semiconductor		TL3843BDR		S	SOIC	14
UC3843BDR2G	On Semiconductor	Pb-Free	TL3843BDR		S	SOIC	14
UC3843BN	On Semiconductor		TL3843BP		S	PDIP	8
UC3843BN	ST Microelectronics (STM)	NRND 09/11/2006	TL3843BP		S	PDIP	8
UC3843BNG	On Semiconductor	Pb-Free	TL3843BP		S	PDIP	8
UC3843BVD	On Semiconductor		TL2843BD	TI temp max 85C	S	SOIC	14
UC3843BVD1	On Semiconductor		TL2843BD-8	TI temp max 85C	S	SOIC	8

UC3842AN2 — UC3843BVD1

**Replacement Codes**

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
UC3843BVD1G	On Semiconductor	Pb-Free	TL2843BD-8	TI temp max 85C	S	SOIC	8
UC3843BVD1R2	On Semiconductor		TL2843BDR-8	TI temp max 85C	S	SOIC	8
UC3843BVD1R2G	On Semiconductor	Pb-Free	TL2843BDR-8	TI temp max 85C	S	SOIC	8
UC3843BVVDG	On Semiconductor	Pb-Free	TL2843BD	TI temp max 85C	S	SOIC	14
UC3843BVDR2	On Semiconductor		TL2843BDR	TI temp max 85C	S	SOIC	14
UC3843BVDR2G	On Semiconductor	Pb-Free	TL2843BDR	TI temp max 85C	S	SOIC	14
UC3843BVN	On Semiconductor		TL2843BP	TI temp max 85C	S	PDIP	8
UC3843BVNG	On Semiconductor	Pb-Free	TL2843BP	TI temp max 85C	S	PDIP	8
UC3843D	Fairchild Semiconductor		TL3843D		S	SOIC	14
UC3843D1	Fairchild Semiconductor	Discontinued	TL3843D-8		S	SOIC	8
UC3843D1X	Fairchild Semiconductor	NRND 09/11/2006	TL3843DR-8		S	SOIC	8
UC3843DX	Fairchild Semiconductor	NRND 09/11/2006	TL3843DR		S	SOIC	14
UC3843N	Fairchild Semiconductor	NRND 09/11/2006	TL3843P		S	PDIP	8
UC3844AD	Microsemi Corporation (Linfity)	Pb-Free	TL3844BD		S	SOIC	14
UC3844ADM	Microsemi Corporation (Linfity)	Pb-Free	TL3844BD-8		S	SOIC	8
UC3844ADM-TR	Microsemi Corporation (Linfity)	Pb-Free	TL3844BDR-8		S	SOIC	8
UC3844AD-TR	Microsemi Corporation (Linfity)	Pb-Free	TL3844BDR		S	SOIC	14
UC3844AM	Microsemi Corporation (Linfity)		TL3844BP		S	PDIP	8
UC3844BD	On Semiconductor		TL3844BD		S	SOIC	14
UC3844BD1	ST Microelectronics (STM)	NRND 09/11/2006	TL3844BD-8		S	SOIC	8
UC3844BD1	On Semiconductor		TL3844BD-8		S	SOIC	8
UC3844BD1013TR	ST Microelectronics (STM)	NRND 09/11/2006	TL3844BDR-8		S	SOIC	8
UC3844BD1G	On Semiconductor	Pb-Free	TL3844BD-8		S	SOIC	8
UC3844BD1R2	On Semiconductor		TL3844BDR-8		S	SOIC	8
UC3844BD1R2G	On Semiconductor	Pb-Free	TL3844BDR-8		S	SOIC	8
UC3844BDG	On Semiconductor	Pb-Free	TL3844BD		S	SOIC	14
UC3844BDR2	On Semiconductor		TL3844BDR		S	SOIC	14
UC3844BDR2G	On Semiconductor	Pb-Free	TL3844BDR		S	SOIC	14
UC3844BN	ST Microelectronics (STM)	NRND 09/11/2006	TL3844BP		S	PDIP	8
UC3844BN	On Semiconductor		TL3844BP		S	PDIP	8
UC3844BNG	On Semiconductor	Pb-Free	TL3844BP		S	PDIP	8
UC3844BVD	On Semiconductor		TL2844BD	TI temp max 85C	S	SOIC	14
UC3844BVD1	On Semiconductor		TL2844BD-8	TI temp max 85C	S	SOIC	8
UC3844BVD1G	On Semiconductor	Pb-Free	TL2844BD-8	TI temp max 85C	S	SOIC	8
UC3844BVD1R2	On Semiconductor		TL2844BDR-8	TI temp max 85C	S	SOIC	8
UC3844BVD1R2G	On Semiconductor	Pb-Free	TL2844BDR-8	TI temp max 85C	S	SOIC	8
UC3844BVVDG	On Semiconductor	Pb-Free	TL2844BD	TI temp max 85C	S	SOIC	14
UC3844BVDR2	On Semiconductor		TL2844BDR	TI temp max 85C	S	SOIC	14
UC3844BVDR2G	On Semiconductor	Pb-Free	TL2844BDR	TI temp max 85C	S	SOIC	14
UC3844BVN	On Semiconductor		TL2844BP	TI temp max 85C	S	PDIP	8
UC3844BVNG	On Semiconductor	Pb-Free	TL2844BP	TI temp max 85C	S	PDIP	8
UC3844D	Fairchild Semiconductor	NRND 09/11/2006	TL3844D		S	SOIC	14
UC3844D	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL3844D		S	SOIC	14
UC3844D1	Fairchild Semiconductor	Discontinued	TL3844D-8		S	SOIC	8
UC3844D1X	Fairchild Semiconductor	Discontinued	TL3844DR-8		S	SOIC	8
UC3844DG	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL3844D		S	SOIC	14
UC3844DR2	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL3844DR		S	SOIC	14
UC3844DR2G	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL3844DR		S	SOIC	14
UC3844DX	Fairchild Semiconductor	NRND 09/11/2006	TL3844DR		S	SOIC	14
UC3844N	Fairchild Semiconductor	NRND 09/11/2006	TL3844P		S	PDIP	8
UC3844N	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL3844P		S	PDIP	8
UC3844NG	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL3844P		S	PDIP	8
UC3845AD	Microsemi Corporation (Linfity)	Pb-Free	TL3845BD		S	SOIC	14
UC3845ADM	Microsemi Corporation (Linfity)	Pb-Free	TL3845BD-8		S	SOIC	8
UC3845ADM-TR	Microsemi Corporation (Linfity)	Pb-Free	TL3845BDR-8		S	SOIC	8
UC3845AD-TR	Microsemi Corporation (Linfity)	Pb-Free	TL3845BDR		S	SOIC	14
UC3845AM	Microsemi Corporation (Linfity)		TL3845BP		S	PDIP	8
UC3845BD	On Semiconductor		TL3845BD		S	SOIC	14
UC3845BD1	ST Microelectronics (STM)	NRND 09/11/2006	TL3845BD-8		S	SOIC	8
UC3845BD1	On Semiconductor		TL3845BD-8		S	SOIC	8
UC3845BD1013TR	ST Microelectronics (STM)	NRND 09/11/2006	TL3845BDR-8		S	SOIC	8
UC3845BD1G	On Semiconductor	Pb-Free	TL3845BD-8		S	SOIC	8
UC3845BD1R2	On Semiconductor		TL3845BDR-8		S	SOIC	8
UC3845BD1R2G	On Semiconductor	Pb-Free	TL3845BDR-8		S	SOIC	8

## Replacement Codes

S - The TI device is a Direct Replacement

Q - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
UC3845BDG	On Semiconductor	Pb-Free	TL3845BD		S	SOIC	14
UC3845BDR2	On Semiconductor		TL3845BDR		S	SOIC	14
UC3845BDR2G	On Semiconductor	Pb-Free	TL3845BDR		S	SOIC	14
UC3845BN	ST Microelectronics (STM)	NRND 09/11/2006	TL3845BP		S	PDIP	8
UC3845BN	On Semiconductor		TL3845BP		S	PDIP	8
UC3845BNG	On Semiconductor	Pb-Free	TL3845BP		S	PDIP	8
UC3845BVD	On Semiconductor		TL2845BD	TI temp max 85C	S	SOIC	14
UC3845BVD1	On Semiconductor		TL2845BD-8	TI temp max 85C	S	SOIC	8
UC3845BVD1G	On Semiconductor	Pb-Free	TL2845BD-8	TI temp max 85C	S	SOIC	8
UC3845BVD1R2	On Semiconductor		TL2845BDR-8	TI temp max 85C	S	SOIC	8
UC3845BVD1R2G	On Semiconductor	Pb-Free	TL2845BDR-8	TI temp max 85C	S	SOIC	8
UC3845BVVG	On Semiconductor	Pb-Free	TL2845BD	TI temp max 85C	S	SOIC	14
UC3845BVDR2	On Semiconductor		TL2845BDR	TI temp max 85C	S	SOIC	14
UC3845BVDR2G	On Semiconductor	Pb-Free	TL2845BDR	TI temp max 85C	S	SOIC	14
UC3845BVN	On Semiconductor		TL2845BP	TI temp max 85C	S	PDIP	8
UC3845BVNG	On Semiconductor	Pb-Free	TL2845BP	TI temp max 85C	S	PDIP	8
UC3845D	Fairchild Semiconductor	NRND 09/11/2006	TL3845D		S	SOIC	14
UC3845D	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL3845D		S	SOIC	14
UC3845D1	Fairchild Semiconductor	Discontinued	TL3845D-8		S	SOIC	8
UC3845D1X	Fairchild Semiconductor	Discontinued	TL3845DR-8		S	SOIC	8
UC3845DG	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL3845D		S	SOIC	14
UC3845DR2	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL3845DR		S	SOIC	14
UC3845DR2G	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL3845DR		S	SOIC	14
UC3845DX	Fairchild Semiconductor	Discontinued	TL3845DR		S	SOIC	14
UC3845N	Fairchild Semiconductor	NRND 09/11/2006	TL3845P		S	PDIP	8
UC3845N	On Semiconductor	Discontinued PDN 15532, 05/15/2006	TL3845P		S	PDIP	8
UC3845NG	On Semiconductor	Pb-Free, Discontinued PDN 15532, 05/15/2006	TL3845P		S	PDIP	8
ULN2803A	ST Microelectronics (STM)		ULN2803AN		S	PDIP	18
ULN2803AFW	Toshiba Electronic Components		ULN2803ADW		S	SOIC	18
ULN2803AP	Toshiba Electronic Components		ULN2803AN		S	PDIP	18
UPC1943T	Toshiba Electronic Components		TLVH431PK		S	SOT-89	3
UPC1944J	Toshiba Electronic Components		TLVH431LP		S	TO-92	3
UPC1944T	Toshiba Electronic Components		TLVH432PK		S	SOT-89	3
UPC4081C	NEC Electronics	CMRR, PSRR, Vs differ	TL081ACP		S	PDIP	8
UPC4081C	NEC Electronics	CMRR, PSRR, Vs differ	TL081BCP		S	PDIP	8
UPC4082C	NEC Electronics	CMRR, PSRR, Vs differ	TL082ACP		S	PDIP	8
UPC4082C	NEC Electronics	CMRR, PSRR, Vs differ	TL082BCP		S	PDIP	8
UPC4084C	NEC Electronics	CMRR, PSRR, Vs differ	TL084ACN		S	PDIP	14
UPC4084C	NEC Electronics	CMRR, PSRR, Vs differ	TL084BCN		S	PDIP	14
UPC4560C	NEC Electronics		RC4560IP		S	PDIP	8
UPC4560G2	NEC Electronics		RC4560ID		S	SOIC	8
UPC4560G2-E1	NEC Electronics		RC4560IDR		S	SOIC	8
UPC4560G2-E2	NEC Electronics		RC4560IDR		S	SOIC	8
USB1T1105AMHX	Fairchild Semiconductor	Pb-Free	TUSB1105RTZR		S	QFN	16
ZHT431C01	Zetex Semiconductors	VKA, VREF differ	TL431AILPR		S	TO-92	3
ZHT431C01	Zetex Semiconductors	1%	TL431AILPR	1%	S	TO-92/TO-226	3
ZHT431C01TA	Zetex Semiconductors	VKA, VREF differ	TL431AILPR		S	TO-92	3
ZHT431C01TA	Zetex Semiconductors	1%	TL431AILPR	1%	S	TO-92/TO-226	3
ZHT431C02	Zetex Semiconductors	IK, VKA differ	TL431ILPR		S	TO-92	3
ZHT431C02	Zetex Semiconductors	2%	TL431ILPR	2%	S	TO-92/TO-226	3
ZHT431C02TA	Zetex Semiconductors	IK, VKA differ	TL431ILPR		S	TO-92	3
ZHT431C02TA	Zetex Semiconductors	2%	TL431ILPR	2%	S	TO-92/TO-226	3
ZHT431F01	Zetex Semiconductors	1%	TL432AQDBZR	1%	S	SOT-23	3
ZHT431F01	Zetex Semiconductors	1%	TL432AQDBZR	1%	S	SOT-23	3
ZHT431F01TA	Zetex Semiconductors	1%	TL432AQDBZR	1%	S	SOT-23	3
ZHT431F01TA	Zetex Semiconductors	1%	TL432AQDBZR	1%	S	SOT-23	3
ZHT431F02	Zetex Semiconductors	2%	TL432QDBZR	2%	S	SOT-23	3
ZHT431F02	Zetex Semiconductors	2%	TL432QDBZR	2%	S	SOT-23	3
ZHT431F02TA	Zetex Semiconductors	2%	TL432QDBZR	2%	S	SOT-23	3
ZHT431F02TA	Zetex Semiconductors	2%	TL432QDBZR	2%	S	SOT-23	3
ZR431C	Zetex Semiconductors	VKA differs	TL431ILP		S	TO-92	3
ZR431C01	Zetex Semiconductors	VKA differs	TL431AILP		S	TO-92	3
ZR431C01	Zetex Semiconductors	1%	TL431AILP	1%	S	TO-92/TO-226	3
ZR431C01TA	Zetex Semiconductors	VKA, VREF differ	TL431AILPR		S	TO-92	3

UC3845BDG — ZR431C01TA

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

Competition			Texas Instruments		Replacement Code	Package Type	Pins
Orderable Part Number	Competitor	Orderable Comments	Orderable Part Number	Orderable Comments			
ZR431C01TA	Zetex Semiconductors	1%	TL431AILPR	1%	S	TO-92/TO-226	3
ZR431CTA	Zetex Semiconductors	VKA, VREF differ	TL431ILPR		S	TO-92	3
ZR431F	Zetex Semiconductors	2%	TL431IDBZR	2%	S	SOT-23	3
ZR431F005	Zetex Semiconductors	0.5%	TL432BIDBZR		S	SOT-23	3
ZR431F005	Zetex Semiconductors	0.5%	TL432BIDBZR	0.5%	S	SOT-23	3
ZR431F005TA	Zetex Semiconductors	0.5%	TL432BIDBZR		S	SOT-23	3
ZR431F005TA	Zetex Semiconductors	0.5%	TL432BIDBZR	0.5%	S	SOT-23	3
ZR431F01	Zetex Semiconductors	1%	TL432AIDBZR		S	SOT-23	3
ZR431F01	Zetex Semiconductors	1%	TL432AIDBZR	1%	S	SOT-23	3
ZR431F01TA	Zetex Semiconductors	1%	TL432AIDBZR		S	SOT-23	3
ZR431F01TA	Zetex Semiconductors	1%	TL432AIDBZR	1%	S	SOT-23	3
ZR431FTA	Zetex Semiconductors	2%	TL431IDBZR	2%	S	SOT-23	3

**Replacement Codes**

**S** - The TI device is a Direct Replacement

**Q** - Same Functionality and Pinout as the manufacturer's device, but is Not an exact equivalent

## TI Worldwide Technical Support

---

### Internet

#### TI Semiconductor Product Information Center Home Page

[support.ti.com](http://support.ti.com)

#### TI Semiconductor KnowledgeBase Home Page

[support.ti.com/sc/knowledgebase](http://support.ti.com/sc/knowledgebase)

### Product Information Centers

#### Americas

Phone +1(972) 644-5580  
Fax +1(972) 927-6377  
Internet/Email [support.ti.com/sc/pic/americas.htm](http://support.ti.com/sc/pic/americas.htm)

#### Europe, Middle East, and Africa

Phone  
Belgium (English) +32 (0) 27 45 54 32  
Finland (English) +358 (0) 9 25173948  
France +33 (0) 1 30 70 11 64  
Germany +49 (0) 8161 80 33 11  
Israel (English) 1800 949 0107  
Italy 800 79 11 37  
Netherlands (English) +31 (0) 546 87 95 45  
Russia +7 (0) 95 7850415  
Spain +34 902 35 40 28  
Sweden (English) +46 (0) 8587 555 22  
United Kingdom +44 (0) 1604 66 33 99  
Fax +(49) (0) 8161 80 2045  
Internet [support.ti.com/sc/pic/euro.htm](http://support.ti.com/sc/pic/euro.htm)

#### Japan

Fax International +81-3-3344-5317  
Domestic 0120-81-0036  
Internet/Email International [support.ti.com/sc/pic/japan.htm](http://support.ti.com/sc/pic/japan.htm)  
Domestic [www.ti.jp/pic](http://www.ti.jp/pic)

#### Asia

Phone  
International +886-2-23786800  
Domestic Toll-Free Number  
Australia 1-800-999-084  
China 800-820-8682  
Hong Kong 800-96-5941  
Indonesia 001-803-8861-1006  
Korea 080-551-2804  
Malaysia 1-800-80-3973  
New Zealand 0800-446-934  
Philippines 1-800-765-7404  
Singapore 800-886-1028  
Taiwan 0800-006800  
Thailand 001-800-886-0010  
Fax 886-2-2378-6808  
Email [tiasia@ti.com](mailto:tiasia@ti.com)  
[ti-china@ti.com](mailto:ti-china@ti.com)  
Internet [support.ti.com/sc/pic/asia.htm](http://support.ti.com/sc/pic/asia.htm)

**Important Notice:** The products and services of Texas Instruments Incorporated and its subsidiaries described herein are sold subject to TI's standard terms and conditions of sale. Customers are advised to obtain the most current and complete information about TI products and services before placing orders. TI assumes no liability for applications assistance, customer's applications or product designs, software performance, or infringement of patents. The publication of information regarding any other company's products or services does not constitute TI's approval, warranty or endorsement thereof.

A011905

Technology for Innovators and the black/red banner are trademarks of Texas Instruments. All other trademarks are the property of their respective owners.



## IMPORTANT NOTICE

Texas Instruments Incorporated and its subsidiaries (TI) reserve the right to make corrections, modifications, enhancements, improvements, and other changes to its products and services at any time and to discontinue any product or service without notice. Customers should obtain the latest relevant information before placing orders and should verify that such information is current and complete. All products are sold subject to TI's terms and conditions of sale supplied at the time of order acknowledgment.

TI warrants performance of its hardware products to the specifications applicable at the time of sale in accordance with TI's standard warranty. Testing and other quality control techniques are used to the extent TI deems necessary to support this warranty. Except where mandated by government requirements, testing of all parameters of each product is not necessarily performed.

TI assumes no liability for applications assistance or customer product design. Customers are responsible for their products and applications using TI components. To minimize the risks associated with customer products and applications, customers should provide adequate design and operating safeguards.

TI does not warrant or represent that any license, either express or implied, is granted under any TI patent right, copyright, mask work right, or other TI intellectual property right relating to any combination, machine, or process in which TI products or services are used. Information published by TI regarding third-party products or services does not constitute a license from TI to use such products or services or a warranty or endorsement thereof. Use of such information may require a license from a third party under the patents or other intellectual property of the third party, or a license from TI under the patents or other intellectual property of TI.

Reproduction of information in TI data books or data sheets is permissible only if reproduction is without alteration and is accompanied by all associated warranties, conditions, limitations, and notices. Reproduction of this information with alteration is an unfair and deceptive business practice. TI is not responsible or liable for such altered documentation.

Resale of TI products or services with statements different from or beyond the parameters stated by TI for that product or service voids all express and any implied warranties for the associated TI product or service and is an unfair and deceptive business practice. TI is not responsible or liable for any such statements.

TI products are not authorized for use in safety-critical applications (such as life support) where a failure of the TI product would reasonably be expected to cause severe personal injury or death, unless officers of the parties have executed an agreement specifically governing such use. Buyers represent that they have all necessary expertise in the safety and regulatory ramifications of their applications, and acknowledge and agree that they are solely responsible for all legal, regulatory and safety-related requirements concerning their products and any use of TI products in such safety-critical applications, notwithstanding any applications-related information or support that may be provided by TI. Further, Buyers must fully indemnify TI and its representatives against any damages arising out of the use of TI products in such safety-critical applications.

TI products are neither designed nor intended for use in military/aerospace applications or environments unless the TI products are specifically designated by TI as military-grade or "enhanced plastic." Only products designated by TI as military-grade meet military specifications. Buyers acknowledge and agree that any such use of TI products which TI has not designated as military-grade is solely at the Buyer's risk, and that they are solely responsible for compliance with all legal and regulatory requirements in connection with such use.

TI products are neither designed nor intended for use in automotive applications or environments unless the specific TI products are designated by TI as compliant with ISO/TS 16949 requirements. Buyers acknowledge and agree that, if they use any non-designated products in automotive applications, TI will not be responsible for any failure to meet such requirements.

Following are URLs where you can obtain information on other Texas Instruments products and application solutions:

<b>Products</b>		<b>Applications</b>	
Amplifiers	<a href="http://amplifier.ti.com">amplifier.ti.com</a>	Audio	<a href="http://www.ti.com/audio">www.ti.com/audio</a>
Data Converters	<a href="http://dataconverter.ti.com">dataconverter.ti.com</a>	Automotive	<a href="http://www.ti.com/automotive">www.ti.com/automotive</a>
DSP	<a href="http://dsp.ti.com">dsp.ti.com</a>	Broadband	<a href="http://www.ti.com/broadband">www.ti.com/broadband</a>
Interface	<a href="http://interface.ti.com">interface.ti.com</a>	Digital Control	<a href="http://www.ti.com/digitalcontrol">www.ti.com/digitalcontrol</a>
Logic	<a href="http://logic.ti.com">logic.ti.com</a>	Military	<a href="http://www.ti.com/military">www.ti.com/military</a>
Power Mgmt	<a href="http://power.ti.com">power.ti.com</a>	Optical Networking	<a href="http://www.ti.com/opticalnetwork">www.ti.com/opticalnetwork</a>
Microcontrollers	<a href="http://microcontroller.ti.com">microcontroller.ti.com</a>	Security	<a href="http://www.ti.com/security">www.ti.com/security</a>
Low Power Wireless	<a href="http://www.ti.com/lpw">www.ti.com/lpw</a>	Telephony	<a href="http://www.ti.com/telephony">www.ti.com/telephony</a>
		Video & Imaging	<a href="http://www.ti.com/video">www.ti.com/video</a>
		Wireless	<a href="http://www.ti.com/wireless">www.ti.com/wireless</a>

Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265  
Copyright © 2007, Texas Instruments Incorporated