

7. SILICON FIELD EFFECT TRANSISTORS - N CHANNEL

IN ORDER OF (1) DISSIPATION
(2) TYPE No.

LINE No.	TYPE No.	MAX. DEVICE DISS @ 25°C (W)	MAX. ABS MAX RATINGS @ 25°C			MAX. PARAMETERS @ 25°C				COMMON SOURCE				DERATE				STRUC-TURE	DWG Y200 s/a TO200 Ser	# OF E A D E
			MAX. Vp (V)	Vds	BVdss	Vgss	Id	Ig	Icss @ Vds=0 & Vgs=0 (A)	Igss @ Vgs=V (A)	Vgs	Vds	r(DS) on	MAX. Cis	IN FREE AIR W/°C	MAX TEMP (°C)				
			l _d =0 (V)	& V _s (V)	(V)	(V)	(A)	(A)	(A)	(V)	(V)	MIN	MAX	(Ω)	(F)	W/C	(°C)			
			(V)	(V)	(V)	(V)	(A)	(A)	(A)	(V)	(V)	(mhos)	(mhos)	(Ω)	(F)	W/C	(°C)			
1	J100	350m	10	20	30	10m	20m	0.5n	0.0	20	0.5m	3.0k	8p	150S	TO92	DD				
2	J101	350m	15	20	30	10m	1.0m	0.5n	0.0	20	0.5m	3.0k	8p	150S	TO92	DD				
3	J102	350m	4.0	20	30	10m	4.5m	0.5n	0.0	20	1.0m	1.2k	8p	150S	TO92	DD				
4	J103	350m	10	20	30	10m	20m	0.5n	0.0	20	1.5m	650	8p	150S	TO92	DD				
5	J107	350m	4.5	5	30	50m	100m	0.3n	0.0	20		8.0 %	160p#	3.5m	125A	# Δ				
6	J111A	350m	1.0	5	40	10m	30m	0.2n				30 %	5p	150S	TO92	DD				
7	J112A	350m	7.0	5	40	10m	15m	0.2n				50 %	5p	150S	TO92	DD				
8	J113A	350m	5.0	5	40	10m	8m	0.2n				100 %	5p	150S	TO92	DD				
9	J114	350m	10	5	25	50m	15m	0.1n				150 %	8.0p#	3.5m	125A	# Δ				
10	J201	350m	1.5	20	40	50m	1.0m	100p	0.0	20	500t		5.0p#	3.5m	125A	# †				
11	J202	350m	4.0	20	40	50m	4.5m	100p	0.0	20	1.0m		5.0p#	3.5m	125A	# †				
12	J203	350m	10	20	40	50m	20m	100p	0.0	20	1.5m		5.0p#	3.5m	125A	# †				
13	J210	350m	3.0	15	25	10m	15m	100p	0.0	15	4.0m	12mt	5.0p#	3.5m	125A	# †				
14	J211	350m	4.5	15	25	10m	20m	100p	0.0	15	7.0m	12mt	5.0p#	3.5m	125A	# †				
15	J212	350m	6.0	15	25	10m	40m	100p	0.0	15	7.0m	12mt	5.0p#	3.5m	125A	# †				
16	J300	350m	6.0	10	25	10m	30m	500p	5.0	15	4.5m	9.0m	200u%	5.5p#	3.5m	125A	# †			
17	J304	350m	6.0	15	30	10m	15m	100p	0.0	15	4.5m	7.5m	50u%	3.0p#	3.5m	125A	# †			
18	J305	350m	3.0	15	30	10m	8.0m	100p	0.0	15	3.0m	50u%	3.0p#	3.5m	125A	# †				
19	J401#	350m	2.5	15	50*	10m	10m	25p	0.0	10	2.0m	7.0m		8.0p#	3.5m	125A	# \$			
20	J402#	350m	2.5	15	50*	10m	10m	25p	0.0	10	2.0m	7.0m		8.0p#	3.5m	125A	# \$			
21	J403#	350m	2.5	15	50*	10m	10m	25p	0.0	10	2.0m	7.0m		8.0p#	3.5m	125A	# \$			
22	J404#	350m	2.5	15	50*	10m	10m	25p	0.0	10	2.0m	7.0m		8.0p#	3.5m	125A	# \$			
23	J405#	350m	2.5	15	50*	10m	10m	25p	0.0	10	2.0m	7.0m		8.0p#	3.5m	125A	# \$			
24	J406#	350m	2.5	15	50*	10m	10m	25p	0.0	10	2.0m	7.0m		8.0p#	3.5m	125A	# \$			
25	J410CN	350m	3.5	20	40	50m	6.0m	250p	0.0	20	1.0m	4.0m	20u%	4.5p*	3.5m	125A	# \$			
26	J411CN	350m	3.5	20	40	50m	6.0m	250p	0.0	20	1.0m	4.0m	20u%	4.5p*	3.5m	125A	# \$			
27	J412CN	350m	3.5	20	40	50m	6.0m	250p	0.0	20	1.0m	4.0m	20u%	4.5p*	3.5m	125A	# \$			
28	J409#	350m	-10	20	-40#	10m	30m	200p				30 %	5.0p#	150S	#	TO92	DE			
29	J4092	350m	-7	20	-40#	10m	15m	200p				80 %	5.0p#	150S	#	TO92	DE			
30	J4093	350m	-5	20	-40#	10m	8.0m	200p				80 %	5.0p#	150S	#	TO92	DE			
31	J4220	350m	-4	15	-30#	10m	3.0m	-1n	0	15	1.0m	4.0m		6.0p#	150S	#	TO92	DE		
32	J4221	350m	-6	15	-30#	10m	6.0m	-1n	0	15	2.0m	5.0m		6.0p#	150S	#	TO92	DE		
33	J4222	350m	-8	15	-30#	10m	15m	-1n	0	15	2.5m	6.0m		6.0p#	150S	#	TO92	DE		
34	J4223	350m	-8	15	-30#	10m	18m	-5n	0	15	3.0m	7.0m		6.0p#	150S	#	TO92	DE		
35	J4224	350m	-8	15	-30#	10m	20m	-5n	0	15	2.0m	7.5m		6.0p#	150S	#	TO92	DE		
36	J4302	350m	4.0	20	30	10m	5m	1.0n	0.0	20	1.0m		6p	150S		TO92	DD			
37	J4303	350m	6.0	20	30	10m	10m	1.0n	0.0	20	2.0m		6p	150S		TO92	DD			
38	J4304	350m	10	20	30	10m	15m	1.0n	0.0	20	1.0m		6p	150S		TO92	DD			
39	J4338	350m	1.0	15	50	10m	0.6m	0.1n	0.0	15	0.6m	1.8m	2.5k	7p	150S		TO92	DD		
40	J4339	350m	1.8	15	50	10m	1.5m	0.1n	0.0	15	0.8m	2.4m	1.7k	7p	150S		TO92	DD		
41	J4391	350m	-10	20	-40#	10m	150m	-1n				30 %	3.5p#	150S	#	TO92	DE			
42	J4392	350m	-5	20	-40#	10m	75m	-1n				60 %	3.5p#	150S	#	TO92	DE			
43	J4393	350m	-3	20	-40#	10m	30m	-1n				100 %	3.5p#	150S	#	TO92	DE			
44	J4416	350m	-6	15	-30#	10m	15m	-1n	0	15	4.5m	7.5m		4.0p#	150S	#	TO92	DE		
45	J4856	350m	-10	15	-40#	10m	50m	-3n				25 %	8.0p#	150S	#	TO92	DE			
46	J4857	350m	-8	15	-40#	10m	100m	-3n				40 %	8.0p#	150S	#	TO92	DE			
47	J4858	350m	-4	15	-30#	10m	80m	-3n				60 %	8.0p#	150S	#	TO92	DE			
48	J4859	350m	-10	15	-30#	10m	50m	-3n				25 %	8.0p#	150S	#	TO92	DE			
49	J4860	350m	-6	15	-30#	10m	100m	-3n				40 %	8.0p#	150S	#	TO92	DE			
50	J4861	350m	-4	15	-30#	10m	80m	-3n				60 %	8.0p#	150S	#	TO92	DE			
51	J4867A	350m	2.0	20	40	10m	1.2m	25n	0.0	20	0.7m	2.0m		25p	150S		TO92	DF		
52	J4868A	350m	3.0	20	40	10m	3.0m	25n	0.0	20	1.0m	3.0m		25p	150S		TO92	DF		
53	J4869A	350m	5.0	20	40	10m	7.5m	25n	0.0	20	1.3m	4.0m		25p	150S		TO92	DF		
54	J5103	350m	4.0	15	25	10m	8.0m	0.5n	0.0	15	2.0m	8.0m		5.0p	150S		TO92	DD		
55	J5104	350m	4.0	15	25	10m	6.0m	0.5n	0.0	15	3.5m	7.5m		5.0p	150S		TO92	DD		
56	J5105	350m	4.0	15	25	10m	15m	0.5n	0.0	15	5.0m	10m		5.0p	150S		TO92	DD		
57	J5163	350m	7.5	15	25	10m	40m	1.0n	0.0	15	2.0m	9.0m		2.0p	150S		TO92	DD		
58	KE4391	350m	10	20	40	50m	150m	1.0n				30	14p#	3.5m	125S		TO106	DB		
59	KE4392	350m	5.0	20	40	50m	75m	1.0n				60	14p#	3.5m	125S		TO106	DB		
60	KE4393	350m	3.0	20	40	50m	30m	1.0n				100	14p#	3.5m	125S		TO106	DB		
61	KE4416	350m	6.0	15	30	50m	15m	1.0n	0.0	15	4.5m	7.5m	50u	4.0p#	3.5m	125S		TO106	DB	
62	MEM636	350m	1.5	15Δ	20	6.0	30m	50n	10	15	12m	18mΔ		6.0p#	2.4m	175S	# \$	W28	EQ	
63	MEM637	350m	1.0	15Δ	20	6.0	20m	50n	.10	15	4.4mΔ			6.0p#	2.4m	175S	# \$	W28	EQ	
64	MEM638	350m	1.5	15Δ	20	6.0	20m	50n	5.0	15	10m	14mΔ		5.1p#	2.4m	175S	# \$	W28	EQ	
65	MPP130	350m	4.0	15	25	30m	30m	20n	4.0	15	8.0m	20mΔ		4.5p#	2.3m	175J	#	W13	EE	
66	MPP131	350m	4.0	15	25	30m	30m	20n	4.0	15	8.0m	20mΔ		4.5p#	2.3m	175J	#	W13	EE	
67	MPP132	350m	4.0	15	25	30m	30m	20n	4.0	15	8.0m	20mΔ		4.5p#	2.3m	175J	#	W13	EE	
68	MPP256	350m	7.5	15Δ	30	25	18m	5.0n	0.0	15	6.0m			3.0p#	2.7m	150J	#	TO92	DD	
69	NPB8301	350m	3.5	20	40	40	50m	6.0m	100p	0.0	20	1.0m	4.0m	20u%	4.5p#	3.5m	125A	# \$	S16a	QW
70	NPB8302	350m	3.5	20	40	40	50m	6.0m	100p	0.0	20	1.0m	4.0m	20u%	4.5p#	3.5m	125A	# \$	S16a	QW
71	NPB8303	350m	3.5	20	40	40	50m	6.0m	100p	0.0	20	1.0m	4.0m	20u%	4.5p#	3.5m	125A	# \$	S16a	QW
72	PTC152	350m			30	30	50m	15m	1.0n	0.0	20	3.0m	7.5m						TO92	
73	U440	350m	6.0	10	25	500p	30m	500p	5.0	10	4.5k	9.0k		3.5p	2.8	150S	#	TO71	PC	
74	U441	350m	6.0	10	25	500p	30m	500p	5.0	10	4.5k	9.0k		3.5p	2.8	150S	#	TO71	PC	
75	U1837E	350m	8.0	15	30	30m	10m	25m	250p	0.0	15	4.0m		150u%	300	3.5m	125J	#	R97b	DB
76	U1897E1	350m	10	20	40Δ		30m	30m				30	16p#	3.5m	125J	#	R97b	DB		
77	U1897J	350m	10	20	40	10m	30m	0.4n				30	16p	125S	#	TO92	DD			
78	U1898E1	350m	7.0	20	40Δ		15m	15m				50	16p#	3.5m	125J	#	R97b	DB		
79	U1898J	350m	7	20	40	10m	15m	0.4n				50	16p	125J	#	TO92	DD			
80	U1899E1	350m	5.0	20	40Δ		8.0m	8.0m				80	16p#	3.5m	125J	#	R97b	DB		
81	U1899J	350m	5	2																