

7. SILICON FIELD EFFECT TRANSISTORS - N CHANNEL

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

LINE No.	TYPE No.	1 MAX. DEVICE DISS @ 25°C (W)	2 MAX. Vp (V)	ABS MAX RATINGS @ 25°C								PARAMETERS @ 25°C				DERATE			STRUC-TURE	DWG Y200 s/a TO200 Ser.	# OF A D E
				MAX. Id (A)		MAX. Ig (A)		MAX. Vgss (V)	MAX. Vgs (V)	MAX. Ids @ Vgs=0 (A)	COMMON SOURCE		MAX. Cis (F)	IN FREE AIR W/C (°C)	MAX TEMP (°C)						
				BVdss (V)	BVgss (V)	Id (A)	Ig (A)				Vgs (V)	Vds (V)				MIN (mhos)	MAX (mhos)	Yos (mhos)			
				Id (A)	Ig (A)	Vgs (V)	Vds (V)	MIN (mhos)	MAX (mhos)	Yos (mhos)	r(DS) on (Ω)	MAX. Cis (F)	IN FREE AIR W/C (°C)	MAX TEMP (°C)							
1	J100	350m	10f	20	30	30	10m	20m	0.5n	0.0	20	0.5m	3.0kt	8p	150S	#	TO92	DD			
2	J101	350m	1.5f	20	30	30	10m	1.0m	0.5n	0.0	20	0.5m	3.0kt	8p	150S	#	TO92	DD			
3	J102	350m	4.0f	20	30	30	10m	4.5m	0.5n	0.0	20	1.0m	1.2kt	8p	150S	#	TO92	DD			
4	J103	350m	10f	20	30	30	10m	20m	0.5n	0.0	20	1.5m	650	8p	150S	#	TO92	DD			
5	J107	350m	4.5f	5	40	40	50m	100m#	3.0n	0.0	20		8.0%	160p#	3.5m	150S	#	TO92	DD		
6	J111A	350m	10f	5	40	40	10m	30m#	0.2n	0.0	20		30%	5p#	150S	#	TO92	DD			
7	J112A	350m	7.0f	5	40	40	10m	15m#	0.2n	0.0	20		50%	5p#	150S	#	TO92	DD			
8	J113A	350m	5.0f	5	40	40	10m	8m#	0.2n	0.0	20		100%	5p#	150S	#	TO92	DD			
9	J114	350m	10f	5	25	25	50m	15m#	1.0n	0.0	15		150%	8.0p#	3.5m	125A	#	TO92	DE		
10	J201	350m	1.5f	20	40	40	50m	1.0m#	100p	0.0	20	500t		5.0p#	3.5m	125A	#	TO92	DE		
11	J202	350m	4.0f	20	40	40	50m	4.5m#	100p	0.0	20	1.0m		5.0p#	3.5m	125A	#	TO92	DE		
12	J203	350m	10f	20	40	40	50m	20m#	100p	0.0	20	1.5m		5.0p#	3.5m	125A	#	TO92	DE		
13	J210	350m	3.0f	15	25	25	10m	15m#	100p	0.0	15	4.0m	12m	5.0p#	3.5m	125A	#	TO92	DE		
14	J211	350m	4.5f	15	25	25	10m	20m#	100p	0.0	15	7.0m	12m	5.0p#	3.5m	125A	#	TO92	DE		
15	J212	350m	6.0f	15	25	25	10m	40m#	100p	0.0	15	7.0m	12m	5.0p#	3.5m	125A	#	TO92	DE		
16	J300	350m	6.0f	10	25	25	10m	30m#	500p	5.0f	15	4.5m	9.0m	200u#	5.5p#	3.5m	125A	#	TO92	DE	
17	J304	350m	6.0f	15	30	30	10m	15m#	100p	0.0	15	4.5m	7.5m	50u#	3.0p#	3.5m	125A	#	TO92	DE	
18	J305	350m	3.0f	15	30	30	10m	8.0m#	100p	0.0	15	3.0m	50u#	3.0p#	3.5m	125A	#	TO92	DD		
19	J401#	350m	2.5f	15	50*	50	10m	10m	25p	0.0	10	2.0m	7.0m	8.0p#	3.5m	125A	#	S16	QQ		
20	J402#	350m	2.5f	15	50*	50	10m	10m	25p	0.0	10	2.0m	7.0m	8.0p#	3.5m	125A	#	S16	QQ		
21	J403#	350m	2.5f	15	50*	50	10m	10m	25p	0.0	10	2.0m	7.0m	8.0p#	3.5m	125A	#	S16	QQ		
22	J404#	350m	2.5f	15	50*	50	10m	10m	25p	0.0	10	2.0m	7.0m	8.0p#	3.5m	125A	#	S16	QQ		
23	J405#	350m	2.5f	15	50*	50	10m	10m	25p	0.0	10	2.0m	7.0m	8.0p#	3.5m	125A	#	S16	QQ		
24	J406#	350m	2.5f	15	50*	50	10m	10m	25p	0.0	10	2.0m	7.0m	8.0p#	3.5m	125A	#	S16	QQ		
25	J410CN	350m	3.5f	20	40	40	50m	6.0m#	250p	0.0	20	1.0m	4.0m	20u#	4.5p*	3.5m	125A	#	S16	QQ	
26	J411CN	350m	3.5f	20	40	40	50m	6.0m#	250p	0.0	20	1.0m	4.0m	20u#	4.5p*	3.5m	125A	#	S16	QQ	
27	J412CN	350m	3.5f	20	40	40	50m	6.0m#	250p	0.0	20	1.0m	4.0m	20u#	4.5p*	3.5m	125A	#	S16	QQ	
28	J4091	350m	-10f	20	-40#	10m	30m#	200p		0	15	1.0m	4.0m	30%	5.0p#	150S	#	TO92	DE		
29	J4092	350m	-7f	20	-40#	10m	15m	200p		0	15	2.0m	5.0m	80%	5.0p#	150S	#	TO92	DE		
30	J4093	350m	-5f	20	-40#	10m	8.0m	200p		0	15	1.0m	4.0m	80%	5.0p#	150S	#	TO92	DE		
31	J4220	350m	-4f	15	-30#	10m	3.0m#	-1n	0	15	1.0m	4.0m	6.0p#		150S	#	TO92	DE			
32	J4221	350m	-6f	15	-30#	10m	6.0m#	-1n	0	15	2.0m	5.0m	6.0p#		150S	#	TO92	DE			
33	J4222	350m	-8f	15	-30#	10m	15m#	-1n	0	15	2.5m	6.0m	6.0p#		150S	#	TO92	DE			
34	J4223	350m	-8f	15	-30#	10m	18m#	-5n	0	15	3.0m	7.0m	6.0p#		150S	#	TO92	DE			
35	J4224	350m	-8f	15	-30#	10m	20m#	-5n	0	15	2.0m	7.5m	6.0p#		150S	#	TO92	DE			
36	J4302	350m	4.0f	20	30	30	10m	5m	1.0n	0.0	20	1.0m		6p	150S	#	TO92	DD			
37	J4303	350m	6.0f	20	30	30	10m	10m	1.0n	0.0	20	2.0m		6p	150S	#	TO92	DD			
38	J4304	350m	10f	20	30	30	10m	15m#	1.0n	0.0	20	1.0m		6p	150S	#	TO92	DD			
39	J4338	350m	1.0f	15	50	50	10m	0.6m	0.1n	0.0	15	0.6m	1.8m	2.5kt	7p	150S	#	TO92	DD		
40	J4339	350m	1.8f	15	50	50	10m	1.5m	0.1n	0.0	15	0.8m	2.4m	1.7kt	7p	150S	#	TO92	DD		
41	J4391	350m	-10f	20	-40#	10m	150m#	-1n	0	15	3.0%	3.5p#			150S	#	TO92	DE			
42	J4392	350m	-5f	20	-40#	10m	75m#	-1n	0	15	60%	3.5p#			150S	#	TO92	DE			
43	J4393	350m	-3f	20	-40#	10m	30m#	-1n	0	15	100%	3.5p#			150S	#	TO92	DE			
44	J4416	350m	-6f	15	-30#	10m	15m#	-1n	0	15	4.5m	7.5m	25%	4.0p#	150S	#	TO92	DE			
45	J4856	350m	-10f	15	-40#	10m	50m#	3n					40%	8.0p#	150S	#	TO92	DE			
46	J4857	350m	-6f	15	-40#	10m	100m#	-3n					60%	8.0p#	150S	#	TO92	DE			
47	J4858	350m	-4f	15	-30#	10m	80m#	-3n					25%	8.0p#	150S	#	TO92	DE			
48	J4859	350m	-10f	15	-30#	10m	50m#	3n					40%	8.0p#	150S	#	TO92	DE			
49	J4860	350m	-6f	15	-30#	10m	100m#	-3n					60%	8.0p#	150S	#	TO92	DE			
50	J4861	350m	-4f	15	-30#	10m	80m#	-3n					25%	8.0p#	150S	#	TO92	DE			
51	J4867A	350m	2.0f	20	40	40	10m	1.2m	25n	0.0	20	0.7m	2.0m	25p	150S	#	TO92	DF			
52	J4868A	350m	3.0f	20	40	40	10m	3.0m	25n	0.0	20	1.0m	3.0m	25p	150S	#	TO92	DF			
53	J4869A	350m	5.0f	20	40	40	10m	7.5m	25n	0.0	20	1.3m	4.0m	25p	150S	#	TO92	DF			
54	J5103	350m	4.0f	15	25	25	10m	8.0m	0.5n	0.0	15	2.0m	8.0m	5.0p	150S	#	TO92	DD			
55	J5104	350m	4.0f	15	25	25	10m	6.0m	0.5n	0.0	15	3.5m	7.5m	5.0p	150S	#	TO92	DD			
56	J5105	350m	4.0f	15	25	25	10m	15m	0.5n	0.0	15	5.0m	10m	5.0p	150S	#	TO92	DD			
57	J5163	350m	7.5f	15	25	25	10m	40m	10n	0.0	15	2.0m	9.0m	20p	150S	#	TO92	DD			
58	KE4391	350m	10f	20	40	40	50m	150m	1.0n				30	14p#	3.5m	125S	#	TO106	DB		
59	KE4392	350m	5.0f	20	40	40	50m	75m	1.0n				60	14p#	3.5m	125S	#	TO106	DB		
60	KE4393	350m	3.0f	20	40	40	50m	30m	1.0n				100	14p#	3.5m	125S	#	TO106	DB		
61	KE4416	350m	6.0f	15	30	30	50m	15m	1.0n	0.0	15	4.5m	7.5m	50u	4.0p#	3.5m	125S	#	TO106	DB	
62	MEM636	350m	1.5f	15Δ	20	6.0	50m	30m	50n	5.0f	15	10m	18mΔ	6.0p#	2.4m	175S	#	W28	EQ		
63	MEM637	350m	1.0f	15Δ	20	6.0	50m	20m	50n	10	15	4.4mΔ	6.0p#	2.4m	175S	#	W28	EQ			
64	MEM638	350m	1.5f	15Δ	20	6.0	50m	20m	50n	5.0f	15	10m	14mΔ	5.1p#	2.4m	175S	#	W28	EQ		
65	MPP130	350m	4.0f	15Δ	25	30	30m	30m	20n	4.0	15	8.0m	20mΔ	4.5p#	2.3m	175J	#	W13	EE		
66	MPP131	350m	4.0f	15Δ	25	30	30m	30m	20n	4.0	15	8.0m	20mΔ	4.5p#	2.3m	175J	#	W13	EE		
67	MPP132	350m	4.0f	15Δ	25	30	30m	30m	20n	4.0	15	8.0m	20mΔ	4.5p#	2.3m	175J	#	W13	EE		
68	MPP256	350m	7.5f	15Δ	30	25	30m	18m	5.0n	0.0	15	6.0m		3.0p#	2.7m	150J	#	TO92	DD		
69	NPB8301	350m	3.5f	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	3.5f	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	3.5f	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	6.0f	10	25	25	500p	30m	500p	5.0f	10	4.5k	9.0k		3.5p	2.8	150S	#	TO71	PC	
74	U441	350m	6.0f	10	25	25	500p	30m	500p	5.0f	10	4.5k	9.0k		3.5p	2.8	150S	#	TO71	PC	
75	U1837E	350m	8.0f	15	30	30	10m	25m	250p	0.0	15										