

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)	MAX. ABS MAX RATINGS@25°C				MAX. I _{SS} @ 25°C				MAX. I _{SS} @ 25°C				PARAMETERS @ 25°C				DERATE				DWG #	L C O A D E		
			V _p		BV _{DSS}		BV _{GSS}		I _D		I _G		I _{VGS} @ 0.8 V _{DSS}		I _{VGS} @ V _{DSS}		TEST COND		COMMON SOURCE		IN				MAX TEMP (°C)	STRUCTURE
			Id=0 (V)	& V _D (V)	(V)	(V)	(A)	(A)	(A)	(A)	(A)	(A)	(V)	(V)	V _{GS}	V _{DS}	gfs (mhos)	Yos	on	Cis	F _{FREE AIR} W/°C					
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	mhos	(Ω)	(F)	(°C)										
1	2N5248	360m	8.0t	15	30			10m	20m%	5.0n	250p	0.0	15	3.5m	6.5m	50u	100	6.0p#	2.9m	150S	#	T092	DA			
2	2N5549	360m	7.0t	15	30			10m	18m%	1.0n	1.0n	0.0	15	6.0m	15m		200	6.0p#	2.4m	200S	#	T018	DB			
3	2N5949	360m	7.0t	15	30			10m	18m%	1.0n	1.0n	0.0	15	3.5m	7.5m	75u%	200	6.0p#	2.8m	150S	#	R203	DB			
4	2N5950	360m	5.0t	15	30			10m	15m%	1.0n	1.0n	0.0	15	3.5m	7.5m	75u%	210	6.0p#	2.8m	150S	#	R203	DB			
5	2N5951	360m	5.0t	15	30			10m	13m%	1.0n	1.0n	0.0	15	3.5m	6.5m	75u%	250	6.0p#	2.8m	150S	#	R203	DB			
6	2N5952	360m	3.5t	15	30			10m	8.0m%	1.0n	1.0n	0.0	15	2.0m	6.5m	50u%	300	6.0p#	2.8m	150S	#	R203	DB			
7	2N5953	360m	0.1t	15	30			10m	5.0m%	1.0n	1.0n	0.0	15	2.0m	6.5m	50u%	375	6.0p#	2.8m	150S	#	R203	DB			
8	2N6451	360m	3.5t	10Δ	20			10m	20m%	100u	100u	5.0∅	10	15m%	30m%	50u	25p#	2.4m	200S	#	∅	T072	DH			
9	2N6452	360m	3.5t	10Δ	25			10m	20m%	100u	100u	5.0∅	10	15m%	30m%	50u	25p#	2.4m	200S	#	∅	T072	DH			
10	2N6453	360m	5.0t	10Δ	20			10m	50m%	100u	100u	15∅	10	20m%	40m%	100u	25p#	2.4m	200S	#	∅	T072	DH			
11	2N6454	360m	5.0t	10Δ	25			10m	50m%	100u	100u	15∅	10	20m%	40m%	100u	25p#	2.4m	200S	#	∅	T072	DH			
12	3N201	360m	5.0t	15Δ	25	30Δ	50m	10m	30Δ	10n	10n	4.0	15	8.0m	20m			2.4m	200S	#	∅	T072	DX			
13	JAN3N201	360m	4.0t	15Δ	25t	6.0	50m	10m	30m	10n	10n	4.0	15	8.0m	20m			7.0p#	2.4m	175J	*\$	∅	T072	DX		
14	3N202	360m	5.0t	15Δ	25	30Δ	50m	10m	30Δ	10n	10n	4.0	15	8.0m	20m			2.4m	200S	#	∅	T072	DX			
15	JAN3N202	360m	4.0t	15Δ	25t	6.0	50m	10m	30m	10n	10n	4.0	15	8.0m	20m			7.0p#	2.4m	175J	*\$	∅	T072	DX		
16	3N203	360m	5.0t	15Δ	25	30Δ	50m	10m	30Δ	10n	10n	4.0	15	7.0m	15m			2.4m	200S	#	∅	T072	DX			
17	JAN3N203	360m	4.0t	15Δ	25t	6.0	50m	10m	15m	10n	10n	4.0	15	7.0m	15m			7.0p#	2.4m	175J	*\$	∅	T072	DX		
18	3N203A	360m	5.0t	15	25	30Δ	50m	10m	15m	10n	10n	4.0	15	7.0m	15m%			2.4m	200S	#	∅	T072	DX			
19	3N204	360m	4.0t	15Δ	25	30Δ	50m	10m	30m	10n	10n	0.0	15	10m	22m%			2.4m	200S	#	∅	T072	DX			
20	JAN3N204	360m	4.0t	15Δ	25	30Δ	50m	10m	30m	10n	10n	0.0	15	10m	22m%			2.4m	200J	#	∅	T072	DX			
21	3N205	360m	4.0t	15Δ	25	30Δ	50m	10m	30m	10n	10n	0.0	15	10m	22m%			2.4m	200S	#	∅	T072	DX			
22	3N206	360m	4.0t	15Δ	25	30Δ	50m	10m	15m	10n	10n	0.0	15	7.0m	17m%			2.4m	200S	#	∅	T072	DX			
23	3N211	360m	5.5t	15Δ	27	35Δ	50m	10m	40m	10n	10n	0.0	15	17m	40m%			2.4m	200S	#	∅	T072	DX			
24	3N212	360m	4.0t	15Δ	27	35Δ	50m	10m	40m	10n	10n	0.0	15	17m	40m%			2.4m	200S	#	∅	T072	DX			
25	3N213	360m	5.5t	15Δ	35	40Δ	50m	10m	40m	10n	10n	0.0	15	15m	35m%			2.4m	200S	#	∅	T072	DX			
26	3N214	360m	6.0t	12Δ	20	20Δ	50m	1.0m	50m	10n	10n	6.0					20	6.0p	2.4m	200S	#	∅	T072	DW		
27	3N215	360m	6.0t	12Δ	20	20Δ	50m	1.0m	50m	10n	10n	6.0					35	6.0p	2.4m	200S	#	∅	T072	DW		
28	3N216	360m	6.0t	12Δ	20	20Δ	50m	1.0m	50m	10n	10n	6.0					50	6.0p	2.4m	200S	#	∅	T072	DW		
29	3N217	360m	6.0t	12Δ	20	20Δ	50m	1.0m	50m	10n	10n	6.0					70	6.0p	2.4m	200S	#	∅	T072	DW		
30	3N225	360m	4.0t	15Δ	20	25Δ	50m	10m	20m	10n	10n	4.0	15	6.0m	15m%			2.4m	200S	#	∅	T072	DX			
31	3N225A	360m	3.0t	15Δ	20	25Δ	50m	10m	15m	10n	10n	4.0	15	7.5m	15m%			2.4m	200S	#	∅	T072	DX			
32#	BF244	360m	8.0t	15	30	30		10m	15m	5.0n	5.0n	0.0	15	3.0m	6.5m%			4.0p*	150S	PE	∅	R203	DB			
33#	BF245	360m	8.0t	15	30	30		10m	25m	5.0n	5.0n	0.0	15	3.0m	6.5m%			4.0p*	150S	PE	∅	T092	DB			
34#	BF256L	360m	7.5t	15Δ	30			50m	18m	5.0n	5.0n	0.0	15	4.5m	5.0mΔ	50u	350	4.5p*#	2.8m	150J	PE	∅	R196	OC		
35#	BF347	360m	3.0t	15	30			25m	25mΔ	500p	500p	0.0	15	3.0m	7.5m	15u	350	4.0p#	2.8m	150S	PE	∅	R196	DA		
36#	BF348	360m	6.0t	15Δ	40			25m	60m	5.0p	5.0p	0.0	15	6.0m	15m			4.0p#	2.8m	150S	PE	∅	R196	DA		
37#	BF350	360m	5.0t	15	24		50m	10m	10n	100n	100n	4.0	15	8.0m	10Δ			2.4m	175	#	∅	T072	DX			
38#	BF351	360m	5.0t	15	24		50m	10m	10n	20n	20n	4.0	15	8.0m				2.4m	175	#	∅	T072	DX			
39#	BF352	360m	2.0t	15	24		50m	10m	10n	20n	20n	4.0	15	8.0m				2.4m	175	#	∅	T072	DX			
40#	BF353	360m	3.0t	15	24		50m	10m	10n	20n	20n	4.0	15	12Δ				2.4m	175	#	∅	T072	DX			
41	ITE4091	360m	1.0	20	40	40		10m	30m#	100p	100p	0.0	20				30Δ	16p#	1.6m	175J	#	∅	T092	DB		
42	ITE4092	360m	7.0	20	40	40		10m	15m#	100p	100p	0.0	20				50Δ	16p#	1.6m	175J	#	∅	T092	DB		
43	ITE4093	360m	5.0	20	40	40		10m	8.0m#	100p	100p	0.0	20				80Δ	16p#	1.6m	175J	#	∅	T092	DB		
44	J1051	360m	10t	5.0	25	25	3.0n	50m	500m	3.0n	3.0n	0.0	20	500			3.0	35p#	3.2	135J	#	∅	T092	DE		
45	J105-181	360m	10t	5.0	25	25	3.0n	50m	500m	3.0n	3.0n	0.0	20	500			3.0	35p#	3.2	135J	#	∅	T092	DE		
46	J1061	360m	6.0t	5.0	25	25	3.0n	50m	200m	3.0n	3.0n	0.0	20	2.5k			6.0	35p#	3.2	135J	#	∅	T092	DE		
47	J106-181	360m	6.0t	5.0	25	25	3.0n	50m	200m	3.0n	3.0n	0.0	20	2.5k			6.0	35p#	3.2	135J	#	∅	T092	DE		
48	J107Δ1	360m	4.5t	5.0	25	25	3.0n	50m	100m	3.0n	3.0n	0.0	20	3.0k			8.0	35p#	3.2	135J	#	∅	T092	DE		
49	J107-181	360m	4.5t	5.0	25	25	3.0n	50m	100m	3.0n	3.0n	0.0	20	3.0k			8.0	35p#	3.2	135J	#	∅	T092	DE		
50	J108-181	360m	10t	5.0	25	25	3.0n	50m	80m	3.0n	3.0n	0.0	20	1.5k			8.0	15p#	3.2	135J	#	∅	T092	DF		
51	J109-181	360m	6.0t	5.0	25	25	3.0n	50m	40m	3.0n	3.0n	0.0	20	1.5k			12	15p#	3.2	135J	#	∅	T092	DF		
52	J110-181	360m	4.0t	5.0	25	25	3.0n	50m	10m	3.0n	3.0n	0.0	20	1.5k			18	15p#	3.2	135J	#	∅	T092	DF		
53	J111-181	360m	10t	5.0	35	35	1.0n	50m	20m	1.0n	1.0n	0.0	20	5.0p			30	5.0p	3.2	135J	#	∅	T092	DF		
54	J112-181	360m	5.0t	5.0	35	35	1.0n	50m	5.0m	1.0n	1.0n	0.0	20	5.0p			50	5.0p	3.2	135J	#	∅	T092	DF		
55	J113-181	360m	3.0t	5.0	35	35	1.0n	50m	2.0m	1.0n	1.0n	0.0	20	5.0p			100	5.0p	3.2	135J	#	∅	T092	DF		
56	J114Δ1	360m	10t	5.0	25	25	1.0n	50m	15m	1.0n	1.0n	0.0	20	500			150	2.0p#	3.2	135J	#	∅	T092	DE		
57	J201Δ	360m	1.5t	20	40	40		50m	1.0m	100p	100p	0.0	20	1.0k				4.0p	3.2	135J	#	∅	T092	DE		
58	J201-18	360m	1.5t	20	40	40		50m	1.0m	100p	100p	0.0	20	1.0k				4.0p	3.2	135J	#	∅	T092	DE		
59	J202Δ	360m	4.0t	20	40	40		50m	4.5m	100p	100p	0.0	20	1.0k				4.0p	3.2	135J	#	∅	T092	DE		
60	J202-18	360m	4.0t	20	40	40		50m	4.5m	100p	100p	0.0	20	1.0k				4.0p	3.2	135J	#	∅	T092	DE		
61	J203Δ	360m	10t	20	40	40		50m	20m	100p	100p	0.0	20	1.5k												