

12. SWITCHING TRANSISTORS

IN ORDER OF (1) MAX RISE TIME, (2) fab & (3) TYPE No.

LINE No.	TYPE No.	fab (Hz)	MAX RISE TIME tr (s)	MAX DELAY TIME td (s)	MAX STORE TIME ts (s)	MAX FALL TIME tf (s)	MAX. Pc IN FREE AIR @ 25°C (W)	BIAS			MAX. SAT. RES. (Ω)	Cob (F)	r'bb X Cob (s)	STRUCTURE P-PNP N-NPN	M A T	MAX. TEMP (°C)	DWG # Y200 s/a T0200 Ser.	L C O A D E
								Vcb (V)	le (A)	hFE								
1	TIP862		1.5u	40nt	2.2ut	2.6ut	5.5	2.2	3.0	200			N	N-D	Si	200S	T03	C
2	IR3773	1.0MΔ	1.5u		2.0u	1.8u	200	4.0	4.0	40 Δ	100m		N	N-D	Si	200J	T03	C
3	MJ3773	1.0MΔ	1.5u		2.0u	1.8u	200	4.0	4.0	40 Δ	100m		N	N-D	Si	200J	T03	C
4	MJ6302	1.0MΔ	1.5u		2.0u	1.8u	200	4.0	4.0	40 Δ	100m		N	N-D	Si	200J	T03	C
5	2N2580M	2.00MΔ	1500n		2.0u	3.2u	150	5.0	5.0	4.0 Δ	140m		N	N-D	Si	150J	T036	C
6	2G526	3.00M	1500n	450n	1.4u	1.4u	150	225	1.0m	20	73	27p	P-A	Ge	Si	85J	T05	A
7	2N6510	3.0MΔ	1.5u	200n	5.0u	1.5u	68	3.0	3.0	10 Δ#	500m	200p	N	N	Si	200J	T03	C
8	2N6511	3.0MΔ	1.5u	200n	5.0u	1.5u	68	3.0	3.0	10 Δ#	375m	200p	N	N	Si	200J	T03	C
9	2N6512	3.0MΔ	1.5u	200n	5.0u	1.5u	68	3.0	3.0	10 Δ#	375m	200p	N	N	Si	200J	T03	C
10	2N6513	3.0MΔ	1.5u	200n	5.0u	1.5u	68	3.0	3.0	10 Δ#	375m	200p	N	N	Si	200J	T03	C
11	2N6514	3.0MΔ	1.5u	200n	5.0u	1.5u	68	3.0	3.0	10 Δ#	375m	200p	N	N	Si	200J	T03	C
12	ZSC1142	3.0MΔ	1.5u	200n	5.0u	3.0u	125	5.0	5.0	15 #	400m	270p	N-P	N-P	Si	150J	T03	C
13	ZSC1143	3.0MΔ	1.5u			3.0u	125	5.0	5.0	15 #	400m	270p	N-P	P-A	Ge	150J	T03	C
14	2N1343	4.0MΔ	1.5u			1.5u	150m	3.50	2.0	8.0 Δ#			N	N	Si	200J	T03	C
15	2N5838	5.0MΔ	1.5u		3.0u	1.5u	57	2.0	3.0	20 Δ#			N	N	Si	200J	T03	C
16	2N5839	5.0MΔ	1.5u		3.7u	1.5u	57	2.0	3.0	20 Δ#			N	N	Si	200J	T03	C
17	JAN2N6283	8.0MΔ	1.5u			7.5u	175	3.0	3.0	70 Δ	200m	300p	N	N	Si	175J	T03	KF
18	JAN2N6284	8.0MΔ	1.5u			7.5u	175	3.0	3.0	70 Δ	200m	300p	N	N	Si	175J	T03	KF
19	JAN2N6286	8.0MΔ	1.5u			7.5u	175	3.0	3.0	70 Δ	200m	300p	P	P	Si	175J	T03	KF
20	JAN2N6287	8.0MΔ	1.5u			7.5u	175	3.0	3.0	70 Δ	200m	300p	P	P	Si	175J	T03	KF
21	ZSC1136	8.0MΔ	1.5u			5.0u	200	5.0	5.0	20 #	100m	650p	N-P	N-P	Si	150J	F29	C
22	ZSC1140	8.0MΔ	1.5u			5.0u	150	5.0	7.5	15 #	266m	350p	N-P	N-P	Si	150J	T03	C
23	ZSC1141	8.0MΔ	1.5u			5.0u	150	5.0	7.5	15 #	266m	350p	N-P	N-P	Si	150J	T03	C
24	6UW18	8.0MΔ	1.5u			5.0u	250	4.0	4.0	10 Δ#			N-DM	N-DM	Si	200J	T03	C
25	6UW19	8.0MΔ	1.5u		1.2u	400n	250	4.0	5.0	60 Δ			N-DM	N-DM	Si	200J	T03	C
26	6UW20	8.0MΔ	1.5u		1.2u	300n	250	4.0	5.0	60 Δ			N-DM	N-DM	Si	200J	T03	C
27	6UW38	8.0MΔ	1.5u		1.2u	500n	150	4.0	4.0	40 Δ			N-DM	N-DM	Si	200J	T03	C
28	6UW39	8.0MΔ	1.5u		1.2u	500n	150	4.0	4.0	30 Δ			N-DM	N-DM	Si	200J	T03	C
29	6UX10	8.0MΔ	1.5u		1.2u	200n	150	4.0	2.0	10 Δ	60m		N-DM	N-DM	Si	200J	T03	C
30	6UX11	8.0MΔ	1.5u		1.2u	500n	150	4.0	1.2	10 Δ	150m		N-DM	N-DM	Si	200J	T03	C
31	6UX12	8.0MΔ	1.5u		1.2u	500n	150	4.0	1.2	10 Δ	30m		N-DM	N-DM	Si	200J	T03	C
32	6UX20	8.0MΔ	1.5u		1.2u	200n	250	2.0	2.0	25 Δ			N-P	N-P	Si	200J	T03	C
33	6UX20	8.0MΔ	1.5u		1.2u	30u	350	2.0	2.0	25 Δ			N-P	N-P	Si	200J	T03	C
34	6UX21	8.0MΔ	1.5u		1.2u	500n	250	4.0	2.5	10 Δ			N-DM	N-DM	Si	200J	T03	C
35	6UX22	8.0MΔ	1.5u		1.2u	500n	250	4.0	2.0	10 Δ			N-DM	N-DM	Si	200J	T03	C
36	6UX39	8.0MΔ	1.5u		1.0u	200n	120	4.0	4.0	20 Δ			N-DM	N-DM	Si	200J	T03	C
37	6UX41	8.0MΔ	1.5u		1.5u	800n	120	4.0	8.0	8.0 Δ	200m		N-DM	N-DM	Si	200J	T03	C
38	6UX42	8.0MΔ	1.5u		1.5u	1.0u	120	4.0	8.0	8.0 Δ	266m		N-DM	N-DM	Si	200J	T03	C
39	6UX43	8.0MΔ	1.5u		1.5u	1.0u	120	4.0	8.0	8.0 Δ	320m		N-DM	N-DM	Si	200J	T03	C
40	IR4040	8.0MΔ	1.5u		3.0ut	1.8u	125	5.0	5.0	15 Δ			D	D	Si	150J	T03	KF
41	IR4045	8.0MΔ	1.5u		3.0ut	1.8u	125	5.0	5.0	15 Δ			D	D	Si	150J	T03	KF
42	IR4050	8.0MΔ	1.5u		3.0ut	1.8u	125	5.0	5.0	15 Δ			D	D	Si	150J	T03	KF
43	IR4055	8.0MΔ	1.5u		3.0ut	1.8u	125	5.0	5.0	15 Δ			D	D	Si	150J	T03	KF
44	IR4060	8.0MΔ	1.5u		3.0ut	1.8u	125	5.0	5.0	15 Δ			D	D	Si	150J	T03	KF
45	IR4065	8.0MΔ	1.5u		3.0ut	1.8u	125	5.0	5.0	15 Δ			D	D	Si	150J	T03	KF
46	2N6060	10MΔ	1.5u		2.0u	225	225	1.0	1.0	40 Δ#	50m#	850p	N	N	Si	200J	T063	A
47	2N6061	10MΔ	1.5u		2.0u	225	225	1.0	1.0	40 Δ#	55m#	1.3n	P	N	Si	200J	T063	A
48	2N6062	10MΔ	1.5u		2.0u	225	225	1.0	1.0	40 Δ#	50m#	850p	N	N	Si	200J	T063	A
49	2N6063	10MΔ	1.5u		2.0u	225	225	1.0	1.0	40 Δ#	55m#	1.3n	P	N	Si	200J	T063	A
50	2N6559	15MΔ	1.5u		1.5u	60	85	4.0	10	5.0 Δ#	333m#	750p	N	N	Si	200J	T03	C
51	JAN2N3715	20MΔ	1.5u	400n	5.0u	2.0u	85	4.0	10	5.0 Δ#	500p	500p	N	N	Si	200A	T03	C
52	JAN2N3716	20MΔ	1.5u			2.0u	85	4.0	10	5.0 Δ#	500p	500p	N	N	Si	200A	T03	C
53	JAN2N3791	20MΔ	1.5u			2.0u	85	4.0	10	5.0 Δ#	500p	500p	P	P	Si	200A	T03	C
54	JAN2N3792	20MΔ	1.5u			2.0u	85	4.0	10	5.0 Δ#	500p	500p	P	P	Si	200A	T03	C
55	2N5540	20MΔ	1.5u	1.5u	2.0u	3.0u	171	5.0	5.0	5.0 Δ#	2.0n		N	N	Si	200S	F6c	C
56	JAN2N5683	20MΔ	1.5u		2.0u	3.0u	171	5.0	5.0	5.0 Δ#	2.0n		P	P	Si	200S	F6c	C
57	JAN2N5684	20MΔ	1.5u		2.0u	3.0u	171	5.0	5.0	5.0 Δ#	1.2n		N	N	Si	200S	F6r	C
58	JAN2N5685	20MΔ	1.5u		2.0u	3.0u	171	5.0	5.0	5.0 Δ#	1.2n		N	N	Si	200S	F6r	C
59	JAN2N5686	20MΔ	1.5u		2.0u	3.0u	171	5.0	5.0	5.0 Δ#	1.2n		N	N	Si	200S	F6r	C
60	JAN2N5838	20MΔ	1.5u		4.5u	100	100	5.0m	20 Δ		333m#	150p	N	N	Si	200J	T03	C
61	JAN2N5839	20MΔ	1.5u		4.5u	100	100	5.0m	20 Δ		750m#	150p	N	N	Si	200J	T03	C
62	2N6594	25MΔ	1.5u	400n	1.5u	1.5u	57	4.0	12	5.0 Δ#	375m#	1.0n	N	N	Si	200J	T03	C
63	ZSC1301	25MΔ	1.5u		2.5ut	1.0ut	200	5.0	10	40 #	100m		N-DM	N-DM	Si	175J	F1a	C
64	ZSD540	25MΔ	1.5u		3.0u	1.5u	200	5.0	10	40 #	133m#	450p	N-ME	N-ME	Si	175J	F1a	C
65	ZSD541	25MΔ	1.5u		3.0u	1.5u	200	5.0	10	40 #	133m#	450p	N-ME	N-ME	Si	175J	F1a	C
66	JAN2N3739	60MΔ	1.5u		3.5u	10	10	10	10m	30 Δ#	10 #	20p	N	N	Si	175A	T066	C
67	JAN2N6060	80MΔ	1.5u		2.0u	150	150	10	2.0	40 Δ#			N	N	Si	200J	T063	A
68	JAN2N6061	80MΔ	1.5u		2.0u	150	150	10	2.0	40 Δ#			P	P	Si	200J	T063	A
69	JAN2N6062	80MΔ	1.5u		2.0u	150	150	10	2.0	40 Δ#			N	N	Si	200J	T063	A
70	JAN2N6063	80MΔ	1.5u		2.0u	150	150	10	2.0	40 Δ#			P	P	Si	200J	T063	A
71	2G1026	3.00M	1540n	450n	1.4u	1.4u	225m	1.0	1.0	20m	73		P-A	Ge	Si	85J	T05	A
72	2N1068	750kΔ	1.6u	200n	1.0u	1.8u	50	4.0	4.0	750m	38	2.6	N-D	N-D	Si	175A	T08	A
73	2SD124AH	1.0M	1.6u		2.2u	5.0u	60	4.0	4.0	1.5 Δ	40	200m	N-D	N-D	Si	175J	F8h	C
74	2SD125AH	1.0M	1.6u		2.2u	5.5u	60	4.0	4.0	1.5 Δ	40	200m	N-D	N-D	Si	175J	F8h	C
75	2SD126H	1.0M	1.6u		2.2u	6.0u	60	4.0	4.0	1.5 Δ	40	1.0	N-D	N-D	Si	175J	F8h	C
76	2N5840	5.0MΔ	1.7u		3.0u	1.5u	57	3.0	3.0	20 Δ			N	N	Si	200J	T03	C
77	JAN2N5840	20MΔ	1.7u		4.5u	100	100	5.0	5.0	500m	750m#	150p	N	N	Si	200J	T03	C
78	ZSD329	1.8u	1.7u		3.0u	3.5u	800m	4.0	4.0	1.0 Δ	40		N-D	N-D	Si	175J	T039	A
79	MJ10024		1.8u	30u	5.0u	1.8u	250	5.0	5.0	50 Δ		500p	N	N	Si	200J	F59	C
80	MJ10025		1.8u	30u	5.0u	1.8u	250	5.0	5.0	50 Δ		500p	N	N	Si	200J	F59	C
81	2N1069	500kΔ	1.8u	200n	800n	1.4u	25	4.0	4.0	1.5 Δ	20	2.0	N-D	N-D	Si	175A	T03	C
82																		