

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. P _c AIR FREE @ 25°C (W)	BIAS			MAX. SAT. RES. (Ω)	Cob (F)	r'bb X Cob (s)	STRUCTURE P-NPN 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	TIP662		1.5u	40n	2.2u	2.6u	5.5	2.2	4.0	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	150	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	1.0	4.0 Δ	140m		N	N-D	Si	150J	T036	C
6	2G526	3.00M	1500n	450n	1.4u	1.4u		225	1.0m	20	73	27p	P-A	Ge	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	ZSC 1142	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	ZSC 1143	3.0MΔ	1.5u			3.0u	125	5.0	5.0	15 #	400m	270p	N-P	N-P	Si	150J	T03	C
14	2N1343	4.0MΔ	1.5u				150m	3.50	2.0	8.0 Δ#			P-A	Ge	85J	T05	A	
15	2N5838	5.0MΔ	1.5u		3.0u	1.5u	57	2.0	3.0	10 Δ#			N	N	Si	200J	T03	C
16	2N5839	5.0MΔ	1.5u		3.7u	1.5u	57	2.0	2.0	10 Δ#			N	N	Si	200J	T03	C
17	JAN2N6283	8.0MΔ	1.5u			7.5u	175	3.0	7.0	500 Δ	200m	300p	N	N	Si	175J	T03	KF
18	JAN2N6284	8.0MΔ	1.5u			7.5u	175	3.0	7.0	500 Δ	200m	300p	N	N	Si	175J	T03	KF
19	JAN2N6286	8.0MΔ	1.5u			7.5u	175	3.0	7.0	500 Δ	200m	300p	P	P	Si	175J	T03	KF
20	JAN2N6287	8.0MΔ	1.5u			7.5u	175	3.0	7.0	500 Δ	200m	300p	P	P	Si	175J	T03	KF
21	ZSC 1136	8.0MΔ	1.5u			5.0u	200	5.0	10	20 #	100m	650p	N-P	N-P	Si	150J	F29	C
22	ZSC 1140	8.0MΔ	1.5u			5.0u	150	5.0	7.5	15 #	266m	350p	N-P	N-P	Si	150J	T03	C
23	ZSC 1141	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	80	10 Δ#			N-DM	N-DM	Si	200J	T03	C
25	6UW19	8.0MΔ	1.5u		1.2u	400n	250	4.0	60	10 Δ#			N-DM	N-DM	Si	200J	T03	C
26	6UW20	8.0MΔ	1.5u		1.2u	300n	250	4.0	50	10 Δ#			N-DM	N-DM	Si	200J	T03	C
27	6UW38	8.0MΔ	1.5u		1.2u	500n	150	4.0	40	10 Δ#			N-DM	N-DM	Si	200J	T03	C
28	6UW39	8.0MΔ	1.5u		1.2u	500n	150	4.0	30	10 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	12	10 Δ	150m		N-DM	N-DM	Si	200J	T03	C
31	6UX12	8.0MΔ	1.5u		1.2u	500n	150	4.0	10	10 Δ	30m		N-DM	N-DM	Si	200J	T03	C
32	6UX20	8.0MΔ	1.5u		1.2u	200n	250	2.0	25	20 Δ			N-P	N-P	Si	200J	T03	C
33	6UX20	8.0MΔ	1.5u		1.2u	30u	350	2.0	25	20 Δ			N-P	N-P	Si	200J	T03	C
34	6UX21	8.0MΔ	1.5u		1.2u	500n	250	4.0	25	10 Δ	60m		N-DM	N-DM	Si	200J	T03	C
35	6UX22	8.0MΔ	1.5u		1.2u	500n	250	4.0	20	10 Δ	75m		N-DM	N-DM	Si	200J	T03	C
36	6UX39	8.0MΔ	1.5u		1.0u	200n	120	4.0	20	10 Δ	80m		N-DM	N-DM	Si	200J	T03	C
37	6UX41	8.0MΔ	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		3.0u	1.8u	125	5.0	5.0	100 Δ	120m		D	D	Si	150J	T03	KF
41	IR4045	8.0MΔ	1.5u		3.0u	1.8u	125	5.0	5.0	100 Δ	120m		D	D	Si	150J	T03	KF
42	IR4050	8.0MΔ	1.5u		3.0u	1.8u	125	5.0	5.0	15 Δ	133m		D	D	Si	150J	T03	KF
43	IR4055	8.0MΔ	1.5u		3.0u	1.8u	125	5.0	5.0	500 Δ	120m		D	D	Si	150J	T03	KF
44	IR4060	8.0MΔ	1.5u		3.0u	1.8u	125	5.0	5.0	20 Δ	133m		D	D	Si	150J	T03	KF
45	IR4065	8.0MΔ	1.5u		3.0u	1.8u	125	5.0	5.0	15 Δ	120m		D	D	Si	150J	T03	KF
46	2N6060	10MΔ	1.5u			2.0u	225	1.0	1.0	40 Δ#	50m #	850p	N	N	Si	200J	T063	A
47	2N6061	10MΔ	1.5u			2.0u	225	1.0	1.0	40 Δ#	55m #	1.3n	P	N	Si	200J	T063	A
48	2N6062	10MΔ	1.5u			2.0u	225	1.0	1.0	40 Δ#	50m #	850p	N	N	Si	200J	T063	A
49	2N6063	10MΔ	1.5u			2.0u	225	1.0	1.0	40 Δ#	55m #	1.3n	P	N	Si	200J	T063	A
50	2N6599	15MΔ	1.5u			1.5u	60	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		N	N	Si	200A	T03	C
52	JAN2N3716	20MΔ	1.5u			2.0u	85	4.0	10	5.0 Δ#	500p		N	N	Si	200A	T03	C
53	JAN2N3791	20MΔ	1.5u			2.0u	85	4.0	10	5.0 Δ#	500p		P	P	Si	200A	T03	C
54	JAN2N3792	20MΔ	1.5u			2.0u	85	4.0	10	5.0 Δ#	500p		P	P	Si	200A	T03	C
55	2N5540	20MΔ	1.5u	1.5u		1.5u	50	5.0	5.0	20 Δ#			N	N	Si	200J	T061	A
56	JAN2N5683	20MΔ	1.5u		2.0u	3.0u	171	5.0	5.0	5.0 Δ#	2.0n		P	N	Si	200S	F6c	C
57	JAN2N5684	20MΔ	1.5u		2.0u	3.0u	171	5.0	5.0	5.0 Δ#	2.0n		P	N	Si	200S	F6c	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	5.0m	20 Δ	333m #	150p		N	N	Si	200J	T03	C
61	JAN2N5839	20MΔ	1.5u			4.5u	100	5.0m	20 Δ	750m #	150p		N	N	Si	200J	T03	C
62	2N6594	25MΔ	1.5u	400n		1.5u	57	4.0	12	5.0 Δ#	375m #	1.0n	N	N	Si	200J	T03	C
63	ZSC 1301	25MΔ	1.5u			1.0u	200	5.0	10	40 #	100m		N-DM	N-DM	Si	175J	F1a	C
64	ZSD540	25MΔ	1.5u			1.5u	200	5.0	10	40 #	133m #	450p	N-ME	N-ME	Si	175J	F1a	C
65	ZSD541	25MΔ	1.5u			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	5.0	10m	30 Δ#	10 #	20p	N	N	Si	175A	T066	C
67	JAN2N6060	80MΔ	1.5u			2.0u	150	10	2.0	40 Δ#			N	N	Si	200J	T063	A
68	JAN2N6061	80MΔ	1.5u			2.0u	150	10	2.0	40 Δ#			P	N	Si	200J	T063	A
69	JAN2N6062	80MΔ	1.5u			2.0u	150	10	2.0	40 Δ#			N	N	Si	200J	T063	A
70	JAN2N6063	80MΔ	1.5u			2.0u	150	10	2.0	40 Δ#			P	N	Si	200J	T063	A
71	2G1026	3.00M	1540n	450n	1.4u	1.4u	225m	1.0	2.0	20m	73		P-A	Ge	85J	T05	A	
72	2N1068	750kΔ	1.6u	200n	1.0u	1.8u	50	4.0	750m	38	2.6	27p	N-D	N-D	Si	175A	T08	A
73	2SD124AH	1.0M	1.6u		2.2u	5.0u	60	4.0	1.5	40	200m		N-D	N-D	Si	175J	F8h	C
74	2SD125AH	1.0M	1.6u		2.2u	5.5u	60	4.0	1.5	40	200m		N-D	N-D	Si	175J	F8h	C
75	2SD126H	1.0M	1.6u		2.2u	6.0u	60	4.0	1.5	40	1.0		N-D	N-D	Si	175J	F8h	C
76	2N5840	5.0MΔ	1.7u		3.0u	1.5u	57	3.0	2.0	10 Δ#			N	N	Si	200J	T03	C
77	JAN2N5840	20MΔ	1.75u			4.5u	100	5.0	500m	20 Δ	750m #	150p	N	N	Si	200J	T03	C
78	ZSD329	1.8u			3.0u	3.5u	800m	4.0	1.0	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			N	N	Si	200J	F59	C
80	MJ10025		1.8u	30u	5.0u	1.8u	250	5.0	5.0	50 Δ			N	N	Si	200J	F59	C
81	2N1069	500kΔ	1.8u	200n	800n	1.4u	25	4.0	1.5	20	2.0		N-D	N-D	Si	175A	T03	C
82	2N1070	500kΔ	1.8u	200n	800n	1.4u	25	4.0	1.5	20	670m		N-D	N-D	Si			