

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 IN FREE AIR @ 25°C (W)	BIAS			MAX. SAT. RES. (Ω)	Cob (F)	r _{bb} X Cob (s)	STRUCTURE P-N-PN	M A T	MAX. TEMP (°C)	Y200 # TO200 Ser	L E A D	C O D E
								V _{cb} (V)	I _e (A)	h _{FE}									
1	164.24		6.0u				200	4.0	5.0	25 Δ	200m		N-A	Si	175J	T33	A	CØ	
2	164.24SPC		6.0u			12u	200	4.0	5.0	25 Δ	200m		N-A	Si	175J	T33	A	CØ	
3	164.26SPC		6.0u			12u	200	4.0	5.0	25 Δ	200m		N	Si	175J	T33	A	CØ	
4	164.28SPC		6.0u			12u	200	4.0	5.0	25 Δ	200m		N	Si	175J	T33	A	CØ	
5	164.30SPC		6.0u			12u	200	4.0	5.0	25 Δ	200m		N	Si	175J	T33	A	CØ	
6	3N46	12kt	6000n			1.2u	75	2.0	2.0	10 Δ	200m		P-A\$	Ge	100J	TO15	A	GB	
7	2N1015	.02Mf	6000n		20u		700m	4.0	2.0	10 Δ			N	Si	150J	T1	B	B	
8	2N1015A	.02Mf	6000n		20u		700m	4.0	2.0	10 Δ			N	Si	150J	T1	B	B	
9	2N1015B	.02Mf	6000n		20u		700m	4.0	2.0	10 Δ			N	Si	150J	T1	B	B	
10	2N1015D	.02Mf	6000n		20u		700m	4.0	2.0	10 Δ			N	Si	150J	T1	B	B	
11	2N1015E	.02Mf	6000n		20u		700m	4.0	2.0	10 Δ			N	Si	150J	T1	B	B	
12	2N1015F	.02Mf	6000n		20u		700m	4.0	2.0	10 Δ			N	Si	150J	T1	B	B	
13	2N1015F	.02Mf	6000n		20u		700m	4.0	2.0	10 Δ			N	Si	150J	T1	B	B	
14	2N1018	20kt	6.0u			10u	150	4.0	5.0	10 Δ	500m		N-F	Si	150J	T1	B	B	
15	2N1018A	20kt	6.0u			10u	150 *	4.0	5.0	10 Δ	500m		N-F	Si	150J	T1	B	B	
16	2N1018B	20kt	6.0u			10u	150 *	4.0	5.0	10 Δ	500m		N-F	Si	150J	T1	B	B	
17	2N1016C	20kt	6.0u			10u	150 *	4.0	5.0	10 Δ	500m		N-F	Si	150J	T1	B	B	
18	2N1016D	20kt	6.0u			10u	150 *	4.0	5.0	10 Δ	500m		N-F	Si	150J	T1	B	B	
19	2N1016E	20kt	6.0u			10u	150 *	4.0	5.0	10 Δ	500m		N-F	Si	150J	T1	B	B	
20	2N1016F	20kt	6.0u			10u	150 *	4.0	5.0	10 Δ	500m		N-F	Si	150J	T1	B	B	
21	2N2584	30ktΔ	6.0u	6.0u	5.0u		150	5.0	5.0	10 Δ	14		N	Si	150C	TO36	A	CØ	
22	2N2585	30ktΔ	6.0u	6.0u	5.0u		150	5.0	5.0	10 Δ	10		N	Si	150C	TO36	A	CØ	
23	2N3079	.03MfΔ	6000n	6.0u	5.0u		150	5.0	5.0	10 Δ	14		N	Si	150C	TO36	A	CØ	
24	2N3080	.03MfΔ	6000n	6.0u	5.0u		150	5.0	5.0	10 Δ	14		N	Si	150C	TO36	A	CØ	
25	163-04	250kΔ	6.0u	5.0u	7.0u		200	4.0	5.0	15 Δ	220m	1.5n	N-A	Si	175A	T33	A	CØ	
26	163-05	250kΔ	6.0u	5.0u	7.0u		200	4.0	5.0	15 Δ	220m	1.5n	N-A	Si	175A	T33	A	CØ	
27	163-06	250kΔ	6.0u	5.0u	7.0u		200	4.0	5.0	15 Δ	220m	1.5n	N-A	Si	175A	T33	A	CØ	
28	163-07	250kΔ	6.0u	5.0u	7.0u		200	4.0	5.0	15 Δ	220m	1.5n	N-A	Si	175A	T33	A	CØ	
29	163-08	250kΔ	6.0u	5.0u	7.0u		200	4.0	5.0	15 Δ	220m	1.5n	N-A	Si	175A	T33	A	CØ	
30	163-09	250kΔ	6.0u	5.0u	7.0u		200	4.0	5.0	15 Δ	220m	1.5n	N-A	Si	175A	T33	A	CØ	
31	163-10	250kΔ	6.0u	5.0u	7.0u		200	4.0	5.0	15 Δ	220m	1.5n	N-A	Si	175A	T33	A	CØ	
32	163-12	250kΔ	6.0u	5.0u	7.0u		200	4.0	5.0	15 Δ	220m	1.5n	N-A	Si	175A	T33	A	CØ	
33	163-14	250kΔ	6.0u	5.0u	7.0u		200	4.0	5.0	15 Δ	220m	1.5n	N-A	Si	175A	T33	A	CØ	
34	163-16	250kΔ	6.0u	5.0u	7.0u		200	4.0	5.0	15 Δ	220m	1.5n	N-A	Si	175A	T33	A	CØ	
35	163-18	250kΔ	6.0u	5.0u	7.0u		200	4.0	5.0	15 Δ	220m	1.5n	N-A	Si	175A	T33	A	CØ	
36	163-20	250kΔ	6.0u	5.0u	7.0u		200	4.0	5.0	15 Δ	220m	1.5n	N-A	Si	175A	T33	A	CØ	
37	164-04	250kΔ	6.0u	5.0u	7.0u		200	4.0	5.0	25 Δ	200m	1.5n	N-A	Si	175A	T33	A	CØ	
38	164-05	250kΔ	6.0u	5.0u	7.0u		200	4.0	5.0	25 Δ	200m	1.5n	N-A	Si	175A	T33	A	CØ	
39	164-06	250kΔ	6.0u	5.0u	7.0u		200	4.0	5.0	25 Δ	200m	1.5n	N-A	Si	175A	T33	A	CØ	
40	164-07	250kΔ	6.0u	5.0u	7.0u		200	4.0	5.0	25 Δ	200m	1.5n	N-A	Si	175A	T33	A	CØ	
41	164-08	250kΔ	6.0u	5.0u	7.0u		200	4.0	5.0	25 Δ	200m	1.5n	N-A	Si	175A	T33	A	CØ	
42	164-09	250kΔ	6.0u	5.0u	7.0u		200	4.0	5.0	25 Δ	200m	1.5n	N-A	Si	175A	T33	A	CØ	
43	164-10	250kΔ	6.0u	5.0u	7.0u		200	4.0	5.0	25 Δ	200m	1.5n	N-A	Si	175A	T33	A	CØ	
44	164-12	250kΔ	6.0u	5.0u	7.0u		200	4.0	5.0	25 Δ	200m	1.5n	N-A	Si	175A	T33	A	CØ	
45	164-14	250kΔ	6.0u	5.0u	7.0u		200	4.0	5.0	25 Δ	200m	1.5n	N-A	Si	175A	T33	A	CØ	
46	164-18	250kΔ	6.0u	5.0u	7.0u		200	4.0	5.0	25 Δ	200m	1.5n	N-A	Si	175A	T33	A	CØ	
47	164-18	250kΔ	6.0u	5.0u	7.0u		200	4.0	5.0	25 Δ	200m	1.5n	N-A	Si	175A	T33	A	CØ	
48	164-20	250kΔ	6.0u	5.0u	7.0u		200	4.0	5.0	25 Δ	200m	1.5n	N-A	Si	175A	T33	A	CØ	
49	DTG1010	450kΔ	6.0u	1.6u	700nt	106	105	2.0	4.0	25 Δ	160m		P	Ge	110J	TO3	A	CØ	
50	DTG1110	450kΔ	6.0u	1.6u	700nt	106	105	2.0	4.0	25 Δ	160m		P	Ge	110J	TO3	A	CØ	
51	DTG1110B	450kΔ	6000n	1.6u	1.4u	105	105	2.0	4.0	25 Δ	160m		P-D	Ge	110	TO3	A	CØ	
52	2N3667	500kΔ	6.0u	1.2u	117	117	3.0	8.0	1.0	15 # Δ			N	Si	200J	TO3	A	CØ	
53	DTG1210A	700kΔ	6000n	1.6u	1.4u	105	105	2.0	4.0	25 Δ	160m		P-D	Ge	110	TO3	A	CØ	
54	2N5559	.80MfΔ	6.0u	8u	100	100	2.0	4.0	4.0	20 Δ	19	400p\$	N	Si	200J	TO3	A	CØ	
55	JAN2N3055	4.0Mf\$	6.0u	12u	117	117	4.0	500m	4.0 #	200m #		700p\$	N	Si	200J	TO3	A	CØ	
56	2N557	6.5u	2.5u		100m	200m	2.0	1.0	2.0	20 Δ	2.5	20p\$	N-A	Ge	85J	TO5	A	B	
57	2N2751	7000n		13u	20m	12	12	5.0	5.0	20 Δ	.07		N	Si	175C	T1	B	B	
58	2N2752	7000n		13u	20m	12	12	5.0	5.0	20 Δ	.07		N	Si	175C	T1	B	B	
59	2N2753	7000n		13u	20m	12	12	5.0	5.0	20 Δ	.07		N	Si	175C	T1	B	B	
60	2N2754	7000n		13u	20m	12	12	5.0	5.0	20 Δ	.07		N	Si	175C	T1	B	B	
61	2N2755	7.0u		13u	200	4.0	20	10	10	20 Δ			N	Si	175C	T1b	B	B	
62	2N2756	7.0u		13u	200	4.0	20	10	10	20 Δ			N	Si	175C	T1b	B	B	
63	2N2769	7000n		13u	20m	12	12	5.0	5.0	20 Δ	.07		N	Si	175C	T33	A	A	
64	2N2770	7000n		13u	20m	12	12	5.0	5.0	20 Δ	.07		N	Si	175C	T33	A	A	
65	2N2771	7000n		13u	20m	12	12	5.0	5.0	20 Δ	.07		N	Si	175C	T33	A	A	
66	2N2772	7000n		13u	20m	12	12	5.0	5.0	20 Δ	.07		N	Si	175C	T33	A	A	
67	2N2773	7.0u		13u	200	4.0	20	10	10	20 Δ			N	Si	175C	T33	A	A	
68	2N2774	7.0u		13u	200	4.0	20	10	10	20 Δ			N	Si	175C	T33	A	A	
69	JAN2N5926	7.0u		4.0u	6.0u	300 #	300 #	4.0	90	5.0 Δ #			N	Si	200A	T69d	A	A	
70	JAN2N5927	7.0u		4.0u	6.0u	300 #	300 #	4.0	120	5.0 Δ #			N	Si	200A	T69c	B	A	
71	2N5928	7.0u		3.0u	200	4.0	100	100	100	10 Δ #			N	Si	200J	TO114	A	CØ	
72	151-04SPC	7.0u		14u	100	4.0	1.5m	11 Δ		870m			N-A	Si	150J	T1	B	B	
73	151-08SPC	7.0u		14u	100	4.0	1.5m	11 Δ		870m			N-A	Si	150J	T1	B	B	
74	151-08SPC	7.0u		14u	100	4.0	1.5m	11 Δ		870m			N-A	Si	150J	T1	B	B	
75	151-10SPC	7.0u		14u	100	4.0	1.5m	11 Δ		870m			N-A	Si	150J	T1	B	B	
76	151-12SPC	7.0u		14u	100	4.0	1.5m	11 Δ		870m			N-A	Si	150J	T1	B	B	
77	151-14SPC	7.0u		14u	100	4.0	1.5m	11 Δ		870m			N-A	Si	150J	T1	B	B	
78	151-16SPC	7.0u		14u	100	4.0	1.5m	11 Δ		870m			N-A	Si	150J	T1	B	B	
79	151-18SPC	7.0u		14u	100	4.0	1.5m	11 Δ		870m			N-A	Si	150J	T1	B	B	
80	151-20SPC	7.0u		14u	100	4.0	1.5m	11 Δ		870m			N-A	Si	150J	T1	B	B	
81	151-22SPC	7.0u		14u	100	4.0	1.5m	11 Δ		870m			N-A	Si	150J	T1	B	B	
82	151-24	7.0u		14u	100	4.0	1.5m	11 Δ		870m			N-F	Si	150J	T1	B	B	
83	151-26SPC	7.0u		14u	100	4.0	1.5m	1											