

3. TRIODES, POWER, REVERSE-BLOCKING, SCRS

IN ORDER OF (1) MAX. REPETIT. OFF-ST. VOLT. (2) MAX. STATIC ON-ST. CUR. (3) @T (4) IGT (5) VGT (6) TYPE No.

LINE No.	TYPE No.	MAX. REP OFF-STATE VOLTAGE (V)	MAX. STATIC ON-CURRENT (A)	MAXIMUM GATE FIRING CHARACTER			MAX. HOLD. CUR. IH (A)	MAX. OFF-ST. CURRENT IR@VDRM@T (A) (C)		MAXIMUM ON-STATE VOLTAGE VT @IT (V) (A)		TYPICAL SWITCHING TIME		WORST. CASE dv/dt (V/us)	SURGE CURRENT ITSM (A)	OPER. TEMP. RANGE CODE	LEAD CODE	DRAWING No.	
				3 @T (C)	4 IGT (A)	5 VGT (V)		tgt (s)	@IT (A)	tq (s)	Off (s)								
1	S1003MS1	100	3.0	80C	50u	800m	3.0	100u	100C	1.6	6.0	2.0u	3.0	60u	30	4B	AD	RD1q	
2	S1003LS2	100	3.0	80C	200u	800m	3.0	100u	100C	1.6	6.0	2.0u	3.0	50u	30	4B	AC	Y220b	
3	S1003MS2	100	3.0	80C	200u	800m	3.0	100u	100C	1.6	6.0	2.0u	3.0	50u	30	4B	AD	RD1q	
4	S1003LS3	100	3.0	80C	500u	800m	6.0m	100u	100C	1.6	6.0	2.0u	3.0	45u	30	4B	AC	Y220b	
5	S1003MS3	100	3.0	80C	500u	800m	6.0m	100u	100C	1.6	6.0	2.0u	3.0	45u	30	4B	AD	RD1q	
6	S1003L	100	3.0	80C	10m	1.5	20m	1.0m	100C	1.6	3.0	2.0u	3.0	35u	30	4B	AC	Y220b	
7	2N1601	100	3.0	80C	10m	3.0		1.0m	125C	2.0	3.0				25	6C	AF	T064	
8	NCR100B	100	3.0	80B	25m	2.5		1.0m	125C	2.0	3.0				25	XA*	AF	SC3	
9	DRB3B	100	3.0	87C	20m	.80	1.0m			1.6	1.0				65	3C	AC	MU132	
10	3P1M	100	3.0	87C	5.0m	1.5	5.0m	2.0m	125J	1.6	1.0	50 #		40	65	4C	AD	RD1e	
11	DRA3B	100	3.0	87C	5.0m	1.5	5.0m			1.6	1.0				65	3C	AC	MU132	
12	3P1MH	100	3.0	87C	2.0k	8.0u	1.0m	2.0m	125J	1.6	1.0	50 #		30	65	4C	AD	RD1e	
13	BSIC0606	100	3.2	85C	50m	3.0	100m	1.5m	100J	2.3	1.0	1.0u		8.0u	100	4A	AF	T066	
14	S2400A	100	3.3	75C	15m	2.0	20m	3.0m	100C	3.0	100	2.5u	30	40u	10	4A	AF	T08	
15	BSIC0206	100	3.5	67	20m	2.0		1.0m	125	1.6	1.0			50u	100	XC	AF	MU23	
16	CR105A	100	3.5	70C	10m	2.0	25m	1.5m	105J	2.1	1.0	2.5u		25u	60	4A	AD	T039	
17	C107A1	100	3.7	20C	500u	800m	3.0m	100u	110	2.5	4.0	1.2u	1.0	40u	8.0	4B	AE	MU114	
18	C107A3	100	3.7	20C	500u	800m	3.0m	100u	110	2.5	4.0	1.2u	1.0	40u	8.0	4B	AF	MU112	
19	C106A1	100	4.0	20C	200u	800m	3.0m	100u	110	2.2	4.0	1.2	1.0	40u	8.0	4B	AF	MU114	
20	C106A3	100	4.0	20C	200u	800m	3.0m	100u	110	2.2	4.0	1.2	1.0	40u	8.0	4B	AF	MU112	
21	BT106A	100	4.0	25	200u	800m	3.0m	10u	25A									T0126	
22	TL5106-1	100	4.0	25L	200u	1.0	5.0m	300u	110J	1.9	4.0	1.5u	2.5	40u	10	4B	AC	MU166	
23	TL5107-1	100	4.0	25L	500u	1.0	5.0m	300u	110J	1.9	4.0	1.5u	2.5	40u	10	4B	AC	MU166	
24	C106A	100	4.0	30A	200u	800m	3.0m	10u	25J	2.2	4.0	1.2u		40u	8.0	4B	AC	T0126	
25	S106A1	100	4.0	30C	200u	800m	3.0m	100u	100C	2.2	4.0	1.2u		8.0	20	4A*	AE	MU114b	
26	S106A2	100	4.0	30C	200u	800m	3.0m	100u	100C	2.2	4.0	1.2u		8.0	20	4A*	AE	MU113b	
27	TAG106-100	100	4.0	30C	200u	800m	3.0m	100u	100J	2.2	4.0	1.2u	1.0		20	4A*	AE	MU114b	
28	S107A1	100	4.0	30C	500u	800m	3.0m	100u	100C	2.5	4.0	1.2u		8.0	15	4A*	AE	MU114b	
29	S107A2	100	4.0	30C	500u	800m	3.0m	100u	100C	2.5	4.0	1.2u		8.0	15	4A*	AE	MU113b	
30	TAG107-100	100	4.0	30C	500u	800m	3.0m	100u	100J	2.5	4.0	1.2u	1.0		15	4A*	AE	MU113b	
31	IR106A1	100	4.0	30C	200u	800m	3.0m			2.8	2.5	1.2u	1.0	100u	8.0	4B	AC	MU146	
32	IR106A2	100	4.0	30C	200u	800m	3.0m			2.8	2.5	1.2u	1.0	100u	8.0	4B	AC	MU146	
33	IR106A3	100	4.0	30C	200u	800m	3.0m			2.8	2.5	1.2u	1.0	100u	8.0	4B	AC	MU146	
34	IR106A4	100	4.0	30C	200u	800m	3.0m			2.8	2.5	1.2u	1.0	100u	8.0	4B	AC	MU146	
35	IR106A21	100	4.0	30C	200u	800m	3.0m			2.8	2.5	1.2u	1.0	100u	8.0	4B	AC	MU146	
36	IR106A41	100	4.0	30C	200u	800m	3.0m			2.8	2.5	1.2u	1.0	100u	8.0	4B	AC	MU146	
37	2P1M	100	4.0	54C	200u	800m	1.0	100m	110J	2.2	1.0		200m	60u	10	4B	AC	MU132	
38	CR3EM2	100	4.0	55C	30m	1.5		2m	125J	1.6	1.0				70	4C	AC	MU92	
39	T107A1	100	4.0	60C	500u	800m	6.0m	10u	25L	2.5	4.0	1.2u	1.0	40u	8.0	4B	AE	Y220b	
40	C108A	100	4.0	70C	200u	800m	3.0m	10u	25C	1.3	5.0	1.7u	1.0	30u	8.0	4A	AC	Y202AB	
41	HS14S	100	4.0	75C	200u	800m	5.0m	750u	100C	2.2	1.0	1.2u	1.0	40u	8.0	4A*	AF	T05	
42	S106-1	100	4.0	75C	200u	800m	3.0m	100u	110J	2.5	4.0	1.2u	1.0	40u	8.0	5B	AC	Y202AA	
43	T106A1	100	4.0	75C	200u	800m	3.0m	10u	25L	2.2	4.0	1.2u	1.0	40u	8.0	4B	AC	Y220b	
44	S107-1	100	4.0	75C	500u	800m	3.0m	100u	110J	2.5	4.0	1.2u	1.0	40u	8.0	5B	AC	Y202AA	
45	HS14	100	4.0	75C	1.0m	1.0	10m	750u	100C	2.2	1.0	1.2u	1.0	200	20	4A*	AF	T05	
46	TYN104(A)	100	4.0	75C	15m	1.5	30m	2m	110	1.6	8	2u		50u	50	60	4B	AC	Y220b
47	TY1004	100	4.0	75C	40m	1.5	60m	2.0m	110J	2.0	8.0	2.0u	6.0	25u	20	60	5B	AC	TO220AB
48	STY1004	100	4.0	75	50m		50m	2.0m	120	2.0	8.0			40u	200	60	XC	AC	TO220AB
49	NAS106G	100	4.0	80C	10m	1.5	10m	1.0m	100C	1.6	4.0	40	4.0	25u	30	45	5C	AC	MU29
50	S1004F1	100	4.0	80C	10m	1.5	20m	1.0m	100	1.6	8.0	2.0u	4.0	35u	30	4B	AC	Y220b	
51	MCR106-3	100	4.0	93C	200u	1.0	5.0m	200u	110J	2.0	4.0	1.2u	3.0	30u	10	25	4B	AC	T0126
52	TAG606-100	100	4.0	105J	15m	3.0	25m	1.5m	105J	1.7	5.0	1.5u	1.0	25u	50	60	4A	AD	T039
53	TAG605-100	100	4.0	105J	50m	3.0	50m	1.5m	105J	1.7	5.0	1.5u	1.0	25u	50	60	4A	AD	T039
54	3TCRC	100	4.2	60B	50m	3.0	50m	4.0m	125J	1.4	3.0	2.0u	3.0	30u	40	40	XF	AC	SC5
55	BTW27-100R	100	4.7	25C	50m	2.0	5.0m	5.0m	100J	3.0	15			300	100	4C	AF	T066	
56	2N1772	100	4.7	60C	30m	2.0	9.0m	125C	1.8	14				100	80	6C	AF	T064	
57	BS180206	100	4.7	63	15m	3.0		115J						100	34	XB	AC	MU23	
58	SF3B41	100	4.7	87C	40m	1.5	60m	500u	110C	1.6	12	14		100	70	4B	AF	TO220AB	
59	2N1772A	100	4.7	105C	30m	2.0	80m	9.0m	150C	1.8	14			100	60	4A	AF	T064	
60	SN501	100	5.0		50m		50m	250u	100C	2.5				100	40	4C	AC	T03	
61	SN801	100	5.0		50m		50m	250u	110	2.5	5.0	1.2u	1.0	40u	30	4B	ADD	MU114	
62	C108A1	100	5.0	47C	200u	800m	3.0m	100u	110	1.3	5.0	1.2u	1.0	40u	8.0	4B	AF	MU112	
63	C108A3	100	5.0	47C	200u	800m	3.0m	100u	110	1.3	5.0	1.2u	1.0	40u	8.0	4B	AF	MU112	
64	2N4169	100	5.0	70C	60m	2.5	80m	2.0m	100C	2.0	15			100	100	4A	AF	SC48	
65	2N4177	100	5.0	70C	60m	2.5	80m	2.0m	100C	2.0	15			100	100	4A	AF	SC47	
66	TY1005F	100	5.0	75C	40m	3.0	30m	2.0m	100C	2.5	5	1.5u	10	15u	50	50	4A	AC	TO220AB
67	2N4153	100	5.0	75C	60m	2.5	60m	2.0m	100C	2.0	15			100	100	4A	AF	RD4	
68	2N4161	100	5.0	75C	60m	2.5	60m	2.0m	100C	2.0	15			100	100	4A	AF	RD5a	
69	2N4185	100	5.0	75C	60m	2.5	60m	2.0m	100C	2.0	15			100	100	4A	AF	RD5a	
70	2N4193	100	5.0	75C	60m	2.5	60m	2.0m	100C	2.0	15			100	100	4A	AF	RD24	
71	BSIC0506K	100	5.0	76C	5.0m	2.0	30m	1.0m	125J	1.8	15	2.5u		50u	20	70	4C	AF	T066
72	BSIC0506L	100	5.0	76C	20m	2.0	60m	1.0m	125J	1.8	15	2.5u		50u	100	70	4C	AF	T066
73	SF5B13	100	5.0	77C	40m	2.0	60m	9.0m	125J	2.0	20			10u	50	66	6C	AF	SC140
74	SH5B13	100	5.0	77C	40m	3.0	50m	4.0m	125J	2.0	20			6.0u	50	66	4C	AF	SC140
75	TIC106A	100	5.0	80C	200u	1.0	5.0m	1.0m	110C	1.7	5.0	1.2u		10u	10	4F	AF	MU55	
76	TIC101A	100	5.0	80C	400u	1.0	5.0m	400u	110C	1.7	5.0	2.0u		20u	7.0	30	4B	AA	TO220AB
77	TIC108A	100	5.0	80	1.0m	100	10m	400u	110	1.7	5.0	2.9u	8.0						