

3. TRIODES, POWER, REVERSE-BLOCKING: SCRS

IN ORDER OF (1) MAX. REPT. OFF-ST. VOLT. (2) MAX. STATIC ON-ST. CUR. (3) @ T4 IGT (5) VGT (6) TYPE No.

LINE No.	TYPE No.	1 MAX. REP. OFF-STATE VOLTAGE (V)	2 MAX. STATIC ON-STATE CURRENT (A)	3 MAX. STATIC ON-STATE CURRENT (°C)	4 MAX. GATE FIRMING CHARACTER (V)	5 MAX. HOLD. CUR. (A)	MAX. OFF-ST. CURRENT IR@VRRM OR ID@VDRM@T (A) (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	MAXIMUM ON-STATE VOLTAGE @IT (A)	TYPICAL SWITCHING TIME ON (s)	TYPICAL SWITCHING TIME OFF (s)	Worst CASE dv/dt (V/us)	SURGE CURRENT ITSM (A)	OPER. TEMP. RANGE (°C)	LEAD CODE	DRAWING No.					
1#	CR103A	100	800mA	50C	200u	800m	5.0m	50u	125J	1.5	1.0	100n#	200m	10u	50	8.0	6C#	AD	RD83		
2#	CR203A	100	800mA	50C	200u	800m	5.0m	50u	125J	1.5	1.0	100n#	200m	10u	50	8.0	6C#	AD	TO92		
3#	TAG60A	100	800mA	55C	200u	800m	5.0m	50u	125J	1.7	1.0	250n#	800m	10u	50	6.0	4C#	AD	RD26		
4#	TAG64A	100	800mA	55C	200u	800m	5.0m	50u	125J	1.7	1.0	250n#	800m	10u	50	6.0	4C#	AD	TO39		
5	MCR100-3	100	800mA	68C	200u	800m	5.0m	100u	125C	1.7	1.0	250n#	800m	10u	50	6.0	6C#	AD	TO92		
6	EC103A	100	800mA	75C	200u	800m	5.0m	50u	100C	1.7	1.0	2.0u#	60u	4.0	20	20	6A*	AD	TO92		
7#	TAG66A	100	800mA	100C	200u	800m	2.0m	50u	125J	1.9	4.0	250n#	10u	20	20	6.0	4C#	AC	TO126		
8#	BRY55-100	100	800mA	125J	500u	800m	5.0m	50u	125C	1.5	1.0	30u	20	20	8.0	4C#	AD	RD26a			
9#	BRY58-100	100	800mA	125J	500u	800m	5.0m	50u	125C	1.5	1.0	30u	20	20	8.0	4C#	AD	TO46			
10#	TAG59A	100	1.0	Δ	200u	800m	5.0m	300u	125J	1.7	2.0	2.0u#	30u	50	20	15	4C#	AD	RD83		
11#	SN101	100	1.0	Δ	5.0m	10m	10m	10m	10m	10m	10m	10m	10m	10m	10m	10m	10m	10m	10m		
12	2N4097	100	1.0	25C	2.0m	3.0	5.0m	2.0m	0.2m	1.6	50	1.5u	20	15u	75	4.0	6C*	AD	TO39		
13#	BRX51	100	1.0	Δ	30C	2.0m	800m	5.0m	300u	125J	1.7	2.0	1.0	10	15	4C#	AB	RD26			
14	2N1596A	100	1.0	Δ	80C	2.0m	3.0	5.0m	1.0m	125C	2.0	1.0	1.0	10	15	4C#	AD	TO5			
15	2N1596	100	1.0	Δ	80C	2.0m	3.0	5.0m	1.0m	125C	2.0	1.0	1.0	10	15	4C#	AD	TO5			
16	2N4214	100	1.0	Δ	85	300u	1.0	7.0m	200u	125	2.0	3.1	1.0	10	15	4C#	AD	TO5			
17#	T1N100	100	1.0	Δ	85C	10m	2.0	25m	1.0m	125J	1.9	2.0	5.0u	1.0	25u	10	4C	AD	TO5		
18#	BRX61	100	1.0	Δ	100C	200u	1.0	5.0m	500u	125J	2.2	7.8	500n#	5.0	20	4C	AC	TO126			
19	2N1883	100	1.0	Δ	100C	2.0m	2.0	20m	125C	2.0	1.0	2.0u	1.0	25u	100	20	6A#	AD	TO9		
20#	TAG2-100	100	1.0	Δ	105J	1.0m	2.0	5.0m	1.0m	105J	2.0	2.0	2.0u	1.0	25u	100	15	4A#	AD	TO39	
21#	TAG1-100	100	1.0	Δ	105J	1.0m	2.0	25m	1.0m	105J	2.0	2.0	2.0u	1.0	25u	100	15	4A#	AD	TO39	
22	C205A	100	1.2	Δ	45A	15m	3.0	5.0m	1.0u	25C	1.9	2.4	15u	20	10	6C#	AD	TO92			
23#	BS10106	100	1.2	Δ	100C	200u	80	5.0m	115J	2.5	2.0	100n	500m	500m	5.0	34	XB#	AD	MU22		
24	2N1878	100	1.25	100C	200u	600m	3.0m	2.0u	125C	2.5	2.0	100n	500m	500m	5.0	20	6A#	AD	TO9		
25	2N1878A	100	1.25	100C	200u	600m	3.0m	2.0u	125C	2.5	2.0	100n	500m	500m	5.0	20	6A#	AD	TO9		
26	2N1872	100	1.25	100C	200u	600m	3.0m	2.0u	125C	2.5	2.0	100n	500m	500m	5.0	20	6A#	AD	TO9		
27	2N1872A	100	1.25	100C	200u	600m	3.0m	2.0u	125C	2.5	2.0	100n	500m	500m	5.0	20	6A#	AD	TO9		
28	2N2011	100	1.3	80C	20m	1.0	5.0m	1.0m	125C	1.2	1.0	1.4u	1.0	35u	20	15	4A#	AD	TO5		
29#	CR1-101CB	100	1.5	55C	200u	3.0	2.0m	1.0m	100C	1.8	3.0	1.4u	1.0	35u	20	15	4A#	AD	TO5		
30#	CR1T01HY3	100	1.5	55C	200u	3.0	2.0m	1.0m	100C	1.8	3.0	1.4u	1.0	35u	20	15	4A#	AD	RD1s		
31#	CR1T01HY2	100	1.5	55C	1.0m	3.0	5.0m	1.0m	100C	1.8	3.0	1.4u	1.0	35u	20	15	4A#	AD	RD1s		
32#	CR1T01HY1	100	1.5	55C	1.0m	3.0	5.0m	1.0m	100C	1.8	3.0	1.4u	1.0	35u	20	15	4A#	AD	RD1s		
33#	TAG521A	100	1.6	Δ	200u	1.0	10m	100u	150J	2.0	2.0	1.0u#	1.0	30u	50	15	4F#	AD	TO39		
34#	12T4	100	1.6	Δ	25C	10m	3.0	1.5m	25J	2.0	1.0	20u	20	15	2A#	AD	TO5				
35	HSE702-RT	100	1.6	Δ	25C	10m	3.0	20m	1.0m	25	2.0	1.0	20u	20	15	2A#	AD	TO5			
36#	12T4S	100	1.6	Δ	40C	200u	1.0	4.0m	25J	2.0	1.0	20u	20	15	2A#	AD	TO39				
37#	BRY54-100	100	1.6	Δ	40C	20m	1.5	25m	1.0m	100J	1.8	5.0	1.5u	1.0	40u	100	60	4A#	AD	TO39	
38#	TL106-1	100	1.6	Δ	50L	200u	1.0	20m	200n	110J	1.8	3.2	1.5u	1.0	40u	100	35	4B#	AC	MU166	
39#	TL107-1	100	1.6	Δ	50L	500u	1.0	20m	200n	110J	1.8	3.2	1.5u	1.0	40u	100	35	4B#	AC	MU166	
40#	TL1003	100	1.6	Δ	50L	15m	3.0	20m	200n	110J	1.8	3.2	1.5u	1.0	80u	100	70	4B#	AC	MU166	
41	2N2346	100	1.6	55C	75u	1.0	1.0m	100u	100C	1.5	1.6	1.5u	1.0	80u	100	15	6A#	AD	TO5		
42#	BRY54-100T	100	1.6	60C	20m	1.5	20m	1.0m	125J	1.8	5.0	200	200	200	60	4C#	AD	TO39			
43#	SF1B12	100	1.6	62C	1.0m	800m	10m	100u	100J	3.4	10	800n	1.0	10u	20	15	4A#	AD	TO39		
44	MCR1906-3	100	1.6	Δ	65C	1.0m	1.0	5.0	500u	110J	1.7	1.0	1.0u	1.0	40u	20	15	6B#	AD	TO39	
45	ID201	100	1.6	Δ	70C	200u	800m	3.0m	100u	125A	2.2	4.0	1.0u	1.0	40u	20	15	4B*	AD	TO39	
46#	NAS008Q	100	1.6	Δ	80C	500u	1.0	10m	1.0m	100C	1.6	1.6	2.0u	1.6	60u	7.0	30	5C	AE	RD1c	
47	S1001LS1	100	1.6	Δ	80C	50u	800m	6.0m	100u	100C	1.6	1.6	2.0u	1.6	60u	7.0	30	4A*	AC	MU29a	
48	S1001MS1	100	1.6	Δ	80C	50u	800m	3.0m	100u	100C	1.6	1.6	2.0u	1.6	60u	7.0	30	4B#	AD	RD1q	
49	S1001LS2	100	1.6	Δ	80C	200u	800m	6.0m	100u	100C	1.6	1.6	2.0u	1.6	50u	10	30	4A*	AC	MU29a	
50	S1001MS2	100	1.6	Δ	80C	200u	800m	3.0m	100u	100C	1.6	1.6	2.0u	1.6	50u	10	30	4B#	AD	RD1q	
51	S1001LS3	100	1.6	Δ	80C	500u	800m	6.0m	100u	100C	1.6	1.6	2.0u	1.6	45u	10	30	4A*	AC	MU29a	
52	S1001MS3	100	1.6	Δ	80C	500u	800m	6.0m	100u	100C	1.6	1.6	2.0u	1.6	45u	10	30	4B#	AD	RD1q	
53#	TD1001	100	1.6	Δ	80C	2.5m	5.0	5.0m	1.0m	125J	2.0	1.0	1.5u	1.0	600m	60u	15	5C#	AD	TO39	
54	S1001L	100	1.6	Δ	80C	10m	1.5	20m	1.0m	100C	1.6	1.6	2.0u	1.6	35u	30	30	4B#	AD	Y220b	
55	S1001M	100	1.6	Δ	80C	10m	1.5	20m	1.0m	100C	1.6	1.6	2.0u	1.6	35u	30	30	4B#	AD	Y220b	
56#	TD1003	100	1.6	Δ	80C	10m	1.5	5.0m	1.0m	125J	2.0	1.0	2.0u	1.5	60u	50	15	5C#	AD	TO39	
57	AD101	100	1.6	85C	2.0u	600m	2.0m	100u	125A	1.5	1.0	1.0u	1.0	20u	50	15	4F#	AD	TO5		
58	AD108	100	1.6	85C	2.0u	600m	2.0m	100u	125A	1.5	1.0	1.0u	1.0	20u	50	15	4F#	AD	TO5		
59	2N2324A	100	1.6	85C	75u	90	3.0m	100u	125C	1.5	1.6	1.4u	1.0	40u	100	15	6A#	AD	TO5		
60	AD115	100	1.6	85C	200u	600m	2.0m	100u	125A	1.5	1.0	1.0u	1.0	20u	50	15	4F#	AD	TO5		
61	C5A	100	1.6	85C	200u	800m	2.0m	100u	125C	1.5	1.6	1.4u	1.0	40u	100	15	6A#	AD	TO5		
62	2N2324	100	1.6	85C	35m	1.0	3.0m	10m	125C	1.5	1.6	1.4u	1.0	40u	100	15	6A#	AD	TO5		
63	C6A	100	1.6	Δ	87C	1.0m	80	5.0m	0.1m	25J	1.4	1.0	1.4u	1.0	40u	10	15	4C#	AD	TO5	
64	2N3557	100	1.6	100C	0.2m	70	3.0m	1.0m	150	1.4	1.6	1.0u#	1.0	30u	50	15	6F#	AD	TO5		
65	2N3561	100	1.6	100C	0.2m	80	5.0m	1.0m	150	1.4	1.6	1.0u#	1.0	30u	50	15	6F#	AD	TO5		
66#	TAG520A	100	1.6	Δ	100C	10m	1.0	25m	100u	150J	2.0	2.0	1.0u#	1.0	30u	50	15	4F#	AD	TO39	
67	C511A	100	1.6	104C	20m	80	2.0m	0.1m	25J	2.2	Δ	1.0	1.4u	1.0	40u	100	15	6C	AD	RD19a	
68	C611A	100	1.6	Δ	104C	1.0m	80	5.0m	0.1m	25J	1.4	Δ	1.0	1.4u	1.0	40u	100	15	4C#	AD	RD19a
69#	BTX30-100	100	1.6	Δ	125J	10m	2.0	25m	1.0m	125J	1.9	2.0	2.0u	1.0	25u	100	15	4C#	AD	TO39	
70	S3080A	100	1.8	Δ	60C	2.0m	1.5	16m	200u	25C	3.5	10	2.5u	1.0	12u	20	20	4A#	AD	Y202b	
71#	SN201	100	2.0	25	200u	1.0	5.0m	10u	25	1.5	1.0	1.7u	1.0	10	15	6C	AD	TO92			
72#	TICP106A	100	2.0	25	2																