

# 3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

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

LINE No.	TYPE No.	1   MAX.REP OFF-STATE VOLTAGE		2   MAX.STATIC ON-STATE CURRENT		MAXIMUM GATE FIRING CHARACTER		MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM@T		TYPICAL SWITCHING TIME			WORST-CASE dv/dt (V/us)	SURGE CURRENT ITSM (A)	OPER. TEMP. RANGE CODE	LEAD CODE	DRAWING No.	
		VDRM (V)	IT (A)	IT (A)	IT (A)	3   @T (C)	4   IGT (A)		5   VGT (V)	VT (V)	@IT (A)	tgt (s)	@IT (A)						tq (s)
1	37TB12-RE00	1.2k	85	85	150m	150m	200mA	15m	1.9	175				500	930	4F*		SC7a	
2	37TB12-CE00	1.2k	85	85	150	200m	200mA	15m	1.9	175				20	930	4F*		SC7a	
3	B5H3580S9	1.2k	85	83C	200m	1.5	250m	10m	125J	1.5	150	100 *	225	150u\$	500	1.5k	4C*	SC103a	
4	B5H3580S10	1.2k	85	83C	200m	1.5	250m	10m	125J	1.5	150	100 *	225	150u\$	1.0k	1.5k	4C*	SC103a	
5	N086PH12	1.2k	85	85C	150m	3.0	600m	20m	2.1	270				200	1.7k	3CZ		SC210	
6	55C120	1.2k	86	125J	100m	3.0	200m	10m	125J	2.2	220	5.0u\$	50	100u\$	200	1.2k	4C*	TO94	
7	55C120B	1.2k	86	125J	100m	3.0	200m	10m	125J	2.2	220	5.0u\$	50	100u\$	200	1.2k	4C*	TO94	
8	55C120BF	1.2k	86	125J	100m	3.0	200m	10m	125J	2.2	220	5.0u\$	50	100u\$	200	1.2k	4C*	TO83	
9	55C120F	1.2k	86	125J	100m	3.0	200m	10m	125J	2.2	220	5.0u\$	50	100u\$	200	1.2k	4C*	TO83	
10	91RC120	1.2k	90	85C	100m	2.0	500m	5.0m	125J	1.5	90	1.0u\$	50	190u	200	1.8k	4C*	TO94	
11	92RC120	1.2k	90	85C	100m	2.0	500m	5.0m	125J	1.5	90	1.0u\$	50	190u	200	1.8k	4C*	TO83	
12	BGX17-1200	1.2k	90	85A	150m	1.5	150m	15m	125J	1.5	250			200	1.7k	XC*		MU153b	
13	BGX17-1200C	1.2k	90	85A	150m	1.5	150m	15m	125J	1.5	250			200	1.7k	XC*		MU153b	
14	BGX17-1200CT	1.2k	90.0	85	150m	1.5	150m	15m	125J	1.5	250			1.0k	1.8k	4C*		MU153a	
15	BGX17-1200TT	1.2k	90.0	85	150m	1.5	150m	15m	125J	1.5	250			200	1.8k	4C*		MU153a	
16	CR71M12JY1	1.2k	92	85C	75m	3	17m	10m	125C	1.7	210	0.7u\$		90u	200	1.0k	5C*		SC173a
17	CR71U12JY1	1.2k	92	85C	75m	3	17m	10m	125C	1.7	210	0.7u\$		90u	200	1.5k	5C*		TO94
18	38TB12-CH00	1.2k	100	150m	150m		200mA	15m	1.8	205				20	1.0k	4F*		SC7a	
19	38TB12-EE00	1.2k	100	150m	150m		200mA	15m	1.8	205				50	1.0k	4F*		SC7a	
20	38TB12-EH00	1.2k	100	150m	150m		200mA	15m	1.8	205				50	1.0k	4F*		SC7a	
21	38TB12-GE00	1.2k	100	150m	150m		200mA	15m	1.8	205				100	1.0k	4F*		SC7a	
22	38TB12-GH00	1.2k	100	150m	150m		200mA	15m	1.8	205				100	1.0k	4F*		SC7a	
23	38TB12-JE00	1.2k	100	150m	150m		200mA	15m	1.8	205				200	1.0k	4F*		SC7a	
24	38TB12-JH00	1.2k	100	150m	150m		200mA	15m	1.8	205				200	1.0k	4F*		SC7a	
25	38TB12-LE00	1.2k	100	150m	150m		200mA	15m	1.8	205				300	1.0k	4F*		SC7a	
26	38TB12-LH00	1.2k	100	150m	150m		200mA	15m	1.8	205				300	1.0k	4F*		SC7a	
27	38TB12-NE00	1.2k	100	150m	150m		200mA	15m	1.8	205				400	1.0k	4F*		SC7a	
28	38TB12-NH00	1.2k	100	150m	150m		200mA	15m	1.8	205				400	1.0k	4F*		SC7a	
29	38TB12-RE00	1.2k	100	150m	150m		200mA	15m	1.8	205				500	1.0k	4F*		SC7a	
30	38TB12-CE00	1.2k	100	150	150m		200mA	15m	1.8	205				20	1.0k	4F*		SC7a	
31	N060RH12	1.2k	100	25K	80m	3.0	100mA	10m	2.1	195				20	1.0k	3CZ		TO65	
32	CR100DX24	1.2k	100	66C	100m	2.0		15m	2.9	310			30uZ	100	2.0k	4C*		SC147b	
33	FT100DM24	1.2k	100	78C	100m	1.5		15m	125J	2.0	310			100	2.0k	4C*		MU178	
34	PD100C120	1.2k	100	83C	100m	3.0	50m	15m	125J	1.4	314	10u	100	100	2.0k	3C*		MU258	
35	PK100C120	1.2k	100	83C	100m	3.0	50m	15m	125J	1.4	314	10u	100	100	2.0k	3C*		MU258	
36	DK1012FA	1.2k	100	83C	150m	3.0	70m	15m	125J	2.5	150	2.0u	50	20u\$	200	1.2k	4C*		TO49
37	DK1012FX	1.2k	100	83C	150m	3.0	70m	15m	125J	2.5	150	2.0u	50	15u\$	200	1.2k	4C*		TO49
38	DK1012FZ	1.2k	100	83C	150m	3.0	70m	15m	125J	2.5	150	2.0u	50	30u\$	200	1.2k	4C*		TO49
39	SF100Q21	1.2k	100	83K	150m	3.0	200m	15m	125J	1.9	320	100 *	200	200	2.0k	4C*		BQ MU180	
40	SH100Q21D	1.2k	100	83K	150m	3.0	200m	15m	125J	1.9	320	200 *	200	80uZ	200	2.0k	4C*		BQ MU180
41	FT150EM24	1.2k	100	88C	250m	2.5		20m	125J	2.8	480			200uZ	200	2.0k	4C*		BC MU178
42	FT150EX24	1.2k	100	88C	250m	2.5		20m	125J	2.8	480			30uZ	200	2.0k	4C*		BC MU178
43	SC100C120	1.2k	100	93C	100m	3.0	50m	15m	125J	1.6	320	10u	100	200	2.2k	4C*		BC MU178	
44	SF100Q27	1.2k	100	96K	150m	3.0	200m	15m	125J	1.7	320	200 *	200	40uZ	200	2.0k	4C*		BQ MU257
45	CS70-12i01	1.2k	102	65C	100m	3.0	120m	15m	125J	1.7	300			130u	200	2.4k	4C*		AF SC176b
46	CS78-12gv2	1.2k	102	65C	100m	3.0	120m	15m	125J	1.7	300			130u	200	2.4k	4C*		AF SC176b
47	CS78-12gv3	1.2k	102	65C	100m	3.0	120m	15m	125J	1.7	300			130u	200	2.4k	4C*		AF SC176b
48	TN90-12g01	1.2k	104	75C	150mA	3.0	150m	20m	125J	3.1	410	2.0u\$		200u	200	1.4k	4C*		SC176d
49	TN90-12g04	1.2k	104	75C	150mA	3.0	150m	20m	125J	3.1	410	2.0u\$		200u	200	1.4k	4C*		SC176e
50	TN90-12g06	1.2k	104	75C	150mA	3.0	150m	20m	125J	3.1	410	2.0u\$		200u	200	1.4k	4C*		SC176i
51	TN90-12i01	1.2k	104	75C	150mA	3.0	150m	20m	125J	3.1	410	2.0u\$		200u	1.0k	1.4k	4C*		SC176d
52	TN90-12i04	1.2k	104	75C	150mA	3.0	150m	20m	125C	3.1	410	2.0u\$		200u	1.0k	1.4k	4C*		SC176e
53	TN90-12i06	1.2k	104	75C	150mA	3.0	150m	20m	125C	3.1	410	2.0u\$		200u	1.0k	1.4k	4C*		SC176j
54	P200CH12FGO	1.2k	106	85	200m	3.0	600m	30m	125J	2.3	600	20		30u	200	3.0k	3C*		Y200b
55	P200CH12FHO	1.2k	106	85	200m	3.0	600m	30m	125J	2.3	600	20		25u	200	3.0k	3C*		Y200b
56	P200CH12FJO	1.2k	106	85	200m	3.0	600m	30m	125J	2.3	600	20		20u	200	3.0k	3C*		Y200b
57	P200CH12FKO	1.2k	106	85	200m	3.0	600m	30m	125J	2.3	600	20		35u	200	3.0k	3C*		Y200b
58	B5H0580	1.2k	110	52C	200m	2.0	200m	10m	120J	1.6	100			250u\$	50	900	XC*		SC34c
59	C151PB	1.2k	110	58C	150m	3.0								50u	200		XC*		TO83
60	C152PB	1.2k	110	58C	150m	3.0								50u	200		XC*		TO83
61	C50PB	1.2k	110	60C	75m	3.0	100m	10m	125J	2.5	500	5.0u	50	80u	200	1.0k	4C*		TO94
62	C52PB	1.2k	110	60C	75m	3.0	100m	10m	125J	2.5	500	5.0u	50	80u	200	1.0k	4C*		TO83
63	71RC120A	1.2k	110	82	70m	2.5	20m	6.0	125J	1.8	70	1.0u\$	50	40u	500	1.2k	4C*		TO83
64	72RC120A	1.2k	110	82	70m	2.5	20m	6.0	125J	1.8	70	1.0u\$	50	40u	500	1.2k	4C*		TO83
65	71RB120	1.2k	110	65C	150m	2.5	500m	11m	125J	2.5	70	1.0u\$	50	70u\$	200	1.2k	4C*		TO94
66	72RB120	1.2k	110	65C	150m	2.5	500m	11m	125J	2.5	70	1.0u\$	50	70u	500	1.2k	4C*		TO83