



# SILICON CONTROLLED RECTIFIERS

Item Number	Part Number	Manufacturer	V <sub>DRM</sub> (V)	I <sub>T</sub> Max (A)	I <sub>TSM</sub> (A)	I <sub>GT</sub> Max (A)	V <sub>GT</sub> Max (V)	I <sub>DRM</sub> (A)	dv/dt (V/us)	t <sub>g</sub> Max (s)	Operating Temperature		Package Style
											Min	Max	
<b>SCRs, V<sub>DRM</sub> ≥ 600 V (Cont'd)</b>													
-	C107M4	Digitron	600	2.2	15	500u	800m	100u	8.0	40u	-40	110	Axial-F
-	C107M4	GeneralSemi	600	2.2	15	500u	800m	100u	8.0	40u	-40	110	Axial-F
-	C107M	Gnrl Trans	600	2.4	15	500u	800m	10u	8.0	30u	-40	100 C	TO-202AB
-	C107M	Powerex Inc	600	2.4	15	500u	800m	10u	8.0	30u	-40	100 C	TO-202AB
5	C106M2	See Index	600	2.4	20	200u	800m	100u	8.0	40u	-40	110	TO-202var
-	C106M4	Digitron	600	2.4	20	200u	800m	100u	8.0	40u	-40	110	Axial-F
-	C106M4	GeneralSemi	600	2.4	20	200u	800m	100u	8.0	40u	-40	110	Axial-F
-	X0403ME	TAG Semi	600	2.4	25	200u	800m	200u	30	50u	-45	125 J	TO-202AA
-	X0403MF	TAG Semi	600	2.4	25	200u	800m	200u	30	50u	-45	125 J	TO-202AB
10	BT148-600R	PhilipsElec	600	2.5	25	260u	2.3	500u	5.0	110 J			SOT-82
-	2V5P6M	NECElecsInC	600	2.5	45	100u	0.8	1.0m	10	80u	-45	125 J	TO-220AA
-	S0402MH	TAG Semi	600	2.6	70	200u	2.0	500u	5.0	100u	-45	125 J	TO-202AB
-	S0405MH	TAG Semi	600	2.6	70	5.0m	2.0	500u	5.0	50u	-45	125 J	TO-202AB
-	S0407MH	TAG Semi	600	2.6	70	10m	2.0	500u	100	50u	-45	125 J	TO-202AB
15	S0410MH	TAG Semi	600	2.6	70	25m	2.0	500u	200	50u	-45	125 J	TO-202AB
-	S2060M	GE Solid St	600	2.75	35	200u	800m	10u	5.0	100u	-40	110 C	TO-202AB
-	S2061M	GE Solid St	600	2.75	35	500u	800m	10u	5.0	100u	-40	110 C	TO-202AB
-	NCM600C	Diodes Inc	600	3.0	25	30m	1.5	2.0m	25	10u			100 SiR-10
-	NCR600B	Diodes Inc	600	3.0	25	25m	2.5	1.0m					100 A SiR-10
20	C108M2	Digitron	600	3.0	30	200u	800m	100u	8.0	40u	-40	110	TO-202var
-	C108M2	GeneralSemi	600	3.0	30	200u	800m	100u	8.0	40u	-40	110	TO-202var
-	C108M2	GE Solid St	600	3.0	30	200u	800m	100u	8.0	40u	-40	110	TO-202var
-	C108M4	Digitron	600	3.0	30	200u	800m	100u	8.0	40u	-40	110	Axial-F
-	C108M4	GeneralSemi	600	3.0	30	200u	800m	100u	8.0	40u	-40	110	Axial-F
25	2SF534	MitsubiElec	600	3.0	50	20m	2.0	1.5m			-25	125 J	TO-66var
-	TXF6005	ThmsnCSFEFC	600	3.0	52	40m	3.0	500u	200	15u	-40	100 J	TO-220AB
-	TYF6005	ThmsnCSFEFC	600	3.0	52	40m	3.0	500u	200	15u	-40	100 J	TO-220AB
-	DRD3G	Sanyo Elect	600	3.0	60	15m	1.5	500u			-40	110 S	TO-220
-	C15M	See Index	600	3.0	60	25m	2.5	2.0m			-40	100 J	TO-64
30	SF3J42	ToshibaCorp	600	3.0	65	200u	800m	2.0m	50		-45	125 J	TO-202var
-	3P6MH	NEC Corp JA	600	3.0	70	0.2m	0.8	2.0m	3.0	80u	-45	125 J	TO-220AA
-	3P6MH	NECElecsInC	600	3.0	70	0.2m	0.8	2.0m	3.0	80u	-45	125 J	TO-220AA
-	TL6006	ThmsnCSFEFC	600	3.0	70	15m	3.0	2.0m	100	80u	-40	110 J	TO-221var
-	CR3CM12	MitsubiElec	600	3.0	90	250u	800m	1.0m			-40	110 J	TO-202var
35	CR3CM12	Powerex Inc	600	3.0	90	250u	800m	1.0m			-40	110 J	TO-202var
-	TIC106M	TextInstLtd	600	3.2	30	200u	1.2	400u	10	7.7u	-45	125 C	TO-220AB
-	SN206	Semi Ltd	600	3.2	32	20m		1.5m	100		-40	100 J	TO-39
-	2N4101	See Index	600	3.2	60	30m		4.0m			-40	100 C	TO-66
-	X0305MG	TAG Semi	600	3.3	33	50u	0.8	0.2m	25	50u	-55	125 J	TO-39
40	X0302MG	TAG Semi	600	3.3	33	200u	0.8	0.2m	15	50u	-55	125 J	TO-39
-	C107M1	Digitron	600	3.7	15	500u	800m	100u	8.0	40u	-40	110	TO-202
-	C107M1	GeneralSemi	600	3.7	15	500u	800m	100u	8.0	40u	-40	110	TO-202
-	C107M1	GE Solid St	600	3.7	15	500u	800m	100u	8.0	40u	-40	110	TO-202
45	C107M3	Digitron	600	3.7	15	500u	800m	100u	8.0	40u	-40	110	TO-202
-	C107M3	GeneralSemi	600	3.7	15	500u	800m	100u	8.0	40u	-40	110	TO-202
-	S0602MH	TAG Semi	600	3.8	70	200u	2.0	500u	5.0	100u	-45	125 J	TO-220AB
-	S0605MH	TAG Semi	600	3.8	70	5.0m	2.0	500u	5.0	50u	-45	125 J	TO-220AB
-	S0607MH	TAG Semi	600	3.8	70	10m	2.0	500u	100	50u	-45	125 J	TO-220AB
-	S0610MH	TAG Semi	600	3.8	70	25m	2.0	500u	200	50u	-45	125 J	TO-220AB
50	MCR506-8	Motorola	600	3.82	40	200u	1.0	200u	10		-40	100 J	TO-126
-	S107M1	Hutson Ind	600	4.0	15	500u	800m	100u	8.0		-40	100 A	TO-202
-	S107M2	Hutson Ind	600	4.0	15	500u	800m	100u	8.0		-40	100 A	TO-202var
-	C106M	See Index	600	4.0	20	200u	800m	10u	8.0	40u	-40	110 J	TO-225AA
-	C106M1	See Index	600	4.0	20	200u	800m	100u	8.0	40u	-40	110	TO-202
55	C106M3	Digitron	600	4.0	20	200u	800m	100u	8.0	40u	-40	110	TO-202var
-	C106M3	GeneralSemi	600	4.0	20	200u	800m	100u	8.0	40u	-40	110	TO-202var
-	S106M1	Hutson Ind	600	4.0	20	200u	800m	100u	8.0		-40	100 A	TO-202
-	S106M2	Hutson Ind	600	4.0	20	200u	800m	100u	8.0		-40	100 A	TO-202var
-	T106M1	Teccor Elec	600	4.0	20	200	800m	10u	8.0	40u	-40	110 J	TO-202AB
60	T107M1	Teccor Elec	600	4.0	20	500	800m	10u	8.0	40u	-40	110 J	TO-202AB
-	MCR106-8	Motorola	600	4.0	25	200u	1.0	200u	10		-40	110 J	TO-126
-	X0405MF	TAG Semi	600	4.0	27	50u	0.8	0.2m	30	50u	-45	125 J	TO-202
-	X0402MF	TAG Semi	600	4.0	27	200u	0.8	0.2m	30	50u	-45	125 J	TO-202
65	C108M	Gnrl Trans	600	4.0	30	200u	800m	10u	8.0	30u	-40	100 C	TO-202AB
-	C108M	Powerex Inc	600	4.0	30	200u	800m	10u	8.0	30u	-40	100 C	TO-202AB
-	S6004F1	Teccor Elec	600	4.0	30	10m	1.5	1.0m	30	35u	-40	110 J	TO-220AB
-	X0405ME	TAG Semi	600	4.0	33	50u	0.8	0.2m	30	50u	-45	125 J	TO-202AB
-	X0402ME	TAG Semi	600	4.0	33	200u	0.8	0.2m	30	50u	-45	125 J	TO-202AB
-	SK3571	GE Solid St	600	4.0	35	200u	800m	10u	8.0	100u	-40	110 J	TO-220AB
70	TLS106-6	ThmsnCSFEFC	600	4.0	35	200u	1.0	300u	10	40u	-40	110 J	TO-221var
-	TLS107-6	ThmsnCSFEFC	600	4.0	35	500u	1.0	300u	10	40u	-40	110 J	TO-221var
-	HS64S	Hutson Ind	600	4.0	40	200u	800m	750u	10		-40	100 A	TO-5
-	HS64	Hutson Ind	600	4.0	40	1.0m	1.0	750u	10		-40	100 A	TO-5
75	TXS406-6	ThmsnCSFEFC	600	4.0	50	.2m	2	2m	5	50u	-40	100 J	TO-220AB
-	TXS406-6 (A)	ThmsnCSFEFC	600	4.0	50	.2m	2	2m	5	50u	-40	100 J	TO-220AB
-	TXS407-6 (A)	ThmsnCSFEFC	600	4.0	50	5m	2	2m	5	50u	-40	100 J	TO-220AB
-	TXS407-6 (A)	ThmsnCSFEFC	600	4.0	50	5m	2	2m	5	50u	-40	100 J	TO-220AB
-	TXN604 (A)	ThmsnCSFEFC	600	4.0	60	15m	1.5	2m	50	50u	-40	110 J	TO-220AB
-	TYN604 (A)	ThmsnCSFEFC	600	4.0	60	15m	1.5	2m	50	50u	-40	110 J	TO-220AB
80	STY6004	Semi Ltd	600	4.0	60	50m		2.0m	200	40u			125 J TO-220AB
-	S2600M	GE Solid St	600	4.5	100	15m	1.5	500u	20	50u	-60	100 C	Can
-	2N2619	See Index	600	4.7	60	30m	2.0	1.0m			-60	125 C	TO-64
-	SF3J41	Indust Mexi	600	4.7	70	40m	1.5	500u	100		-40	110 J	TO-220AB
-	SF3J41	ToshibaCorp	600	4.7	70	40m	1.5	500u	100		-40	110 J	TO-220AB
85	SN506	Semi Ltd	600	5.0	50	50m		250u	100		-45	125 J	TO-3
-	SN806	Semi Ltd	600	5.0	50	50m		250u	100		-45	125 J	TO-3
-	TIC108M	TextInstLtd	600	5.0	20	1.0m	600	400u	80	13u	-40	150 C	TO-220AA
-	C108M1	Digitron	600	5.0	30	200u	800m	100u	8.0	40u	-40	110	TO-202
-	C108M1	GeneralSemi	600	5.0	30	200u	800m	100u	8.0	40u	-40	110	TO-202
-	C108M1	GE Solid St	600	5.0	30	200u	800m	100u	8.0	40u	-40	110	TO-202
90	C108M3	Digitron	600	5.0	30	200u	800m	100u	8.0	40u	-40	110	TO-202
-	C108M3	GeneralSemi	600	5.0	30	200u	800m	100u	8.0	40u	-40	110	TO-202
-	SH5J12U	ToshibaCorp	600	5.0	50	40m	3.0	4.0m	50	15u	-40	110 J	SiR-M5
95	5P6J	NEC Corp JA	600	5.0	65	200u	0.8	2.0m	3.0	80u	-55	125 J	TO-251var
-	5P6J-Z	NEC Corp JA	600	5.0	65	200u	0.8	2.0m	3.0	80u	-55	125 J	TO-252var
-	SF5J13	ToshibaCorp	600	5.0	66	40m	2.0	2.0m			-60	125 J	SiR-M5
-	SH5J13	ToshibaCorp	600	5.0	66	40m	3.0	4.0m	50	10u	-45	125 J	SiR-M5