

SILICON CONTROLLED RECTIFIERS

Item Number	Part Number	Manufacturer	V _{DRM} (V)	I _T Max (A)	I _{TSM} (A)	I _{GT} Max (A)	V _{GT} Max (V)	I _{DRM} (A)	dv/dt (V/us)	t _g Max (s)	Operating Temperature Min (°C) Max	Package Style	
SCRs, V _{DRM} < 50 V (Cont'd)													
-	C36U	See Index	25	16	125	80m	3.0	5.0m	50	20u	-40	100 J	TO-48
-	2N681	See Index	25	16	150	80m	3.0	6.5m			-60	125 C	TO-48
-	2N2573	See Index	25	16	260	40m	3.5	2.5m			-60	125 C	TO-41
-	MCR569-1	Motorola	25	16	300	30m	1.5	2.0m	10		-45	125 J	Module-q
5	2N681A	See Index	25	18	250	40m	3.0	1.0m	200		-60	125 C	TO-48
-	MCR3818-1	Motorola	25	20	240	40m	1.5	5.0m	50	20u	-40	100 J	TO-203var
-	MCR3918-1	Motorola	25	20	240	40m	1.5	5.0m	50	20u	-40	100 J	SIR-1/4
-	MCR649AP1	Motorola	25	20	260	40m	3.5	5.0m	30	30u	-60	125 J	TO-3var
-	MCR649A1	Motorola	25	20	260	80m	3.5	5.0m			-40	100 J	TO-41
10	MCR649A10	Motorola	25	20	260	80m	3.5	5.0m			-40	100 J	TO-41
-	C37U	See Index	25	25	125	80m	3.5	13m				100 J	TO-48
-	C231U	Powerex Inc	25	25	250	9.0m	1.5	1.0m	200			100 J	N/A
-	C233U	New Jersey	25	25	250	9.0m	1.5	1.0m	200			100 J	N/A
-	C233U	Powerex Inc	25	25	250	9.0m	1.5	1.0m	200			100 J	N/A
-	C31U	See Index	25	25	250	9.0m	1.5	10m				100 J	SIR-1/4
-	C33U	AmerMicroSC	25	25	250	9.0m	1.5	10m				100 J	TO-203var
-	C33U	Hi-Tron	25	25	250	9.0m	1.5	10m				100 J	TO-203var
-	C33U	Syntar Ind	25	25	250	9.0m	1.5	10m				100 J	TO-203var
-	C235U	New Jersey	25	25	250	25m	1.5	1.0m	50	20u	-40	100 J	TO-203
20	C30U	See Index	25	25	250	25m	1.5	10m				100 J	SIR-1/4
-	C32U	See Index	25	25	250	25m	1.5	10m				100 J	TO-203var
-	C230U	Powerex Inc	25	25	300	25m	1.5	1.0m	200			100 J	N/A
-	C232U	New Jersey	25	25	300	25m	1.5	1.0m	200			100 J	N/A
-	C232U	Powerex Inc	25	25	300	25m	1.5	1.0m	200			100 J	N/A
25	MCR69-1	Motorola	25	25	300	30m	1.5	2.0m	10		-45	125 J	TO-220AB
-	TSP225	ThmsnCSFEFC	25	25	700	50m	2.0	10m	50u	50u	-45	125 J	TO-48
-	C38U	See Index	25	35	150	40m	3.0	10m	40	24u	-60	155 A	TO-48
-	C40U	See Index	25	35	150	40m	2.5	10m	25	30u		125 J	TO-48
-	C35U	See Index	25	35	225	40m	3.0	6.5m	10		-60	125 J	TO-48
30	C229U	New Jersey	25	35	300	40m	2.5	3.0m	200		-45	125 J	N/A
-	MCR70-1	Motorola	25	35	350	30m	1.5	2.0m	10		-45	125 J	SIR-1/4
-	MCR3835-1	Motorola	25	35	350	40m	1.5	5.0m	50	20u	-40	100 J	TO-203var
-	MCR3935-1	Motorola	25	35	350	40m	1.5	5.0m	50	20u	-40	100 J	SIR-1/4
-	MCR71-1	Motorola	25	55	550	30m	1.5	2.0m	10		-45	125 J	SIR-1/4
35	MCR63-1	Motorola	25	55	550	40m	3.0	2.0m	50		-45	125 J	Press-13
-	MCR64-1	Motorola	25	55	550	40m	3.0	2.0m	50		-45	125 J	SIR-1/4
-	MCR65-1	Motorola	25	55	550	40m	3.0	2.0m	50		-45	125 J	SIR-1/4
-	C45U	See Index	25	55	700	75m	3.0	4.0m	30	80u	-45	125 J	TO-83
-	C46U	See Index	25	55	700	75m	3.0	4.0m	30	80u	-45	125 J	TO-94
40	40C025	Microsemi CO	25	63	1.0k	100m	3.0	10m		80u	-45	125 A	TO-65
-	40C025B	Microsemi CO	25	63	1.0k	100m	3.0	10m	200	80u	-45	125 A	TO-65
-	2N1909	See Index	25	70	1.0k	130m	3.0	6.5m			-45	125 C	TO-94
-	2N2023	See Index	25	70	1.0k	150m	3.0	6.5m			-60	125 C	TO-94
45	050BBGOF	Microsemi CO	25	80	1.2k	100m	3.0	5.0m	200	100u	-45	125 J	TO-65
-	050BBBOF	Microsemi CO	25	80	1.2k	100m	3.0	5.0m		100u	-45	125 J	TO-65
-	55C025	Microsemi CO	25	86	1.2k	100m	3.0	20m		100u	-45	125 A	TO-94
-	55C025B	Microsemi CO	25	86	1.2k	100m	3.0	20m	200	100u	-45	125 A	TO-94
-	55C025BF	Microsemi CO	25	86	1.2k	100m	3.0	20m	200	100u	-45	125 A	TO-83
-	55C025F	Microsemi CO	25	86	1.2k	100m	3.0	20m		100u	-45	125 A	TO-83
50	C60U	See Index	25	110	1.0k	70m	2.5	8.0m		50u	-45	155 J	TO-94
-	C62U	Advncd Semi	25	110	1.0k	70m	2.5	8.0m		50u	-45	155 J	TO-83
-	C62U	AmerMicroSC	25	110	1.0k	70m	2.5	8.0m		50u	-45	155 J	TO-83
-	C62U	Hi-Tron	25	110	1.0k	70m	2.5	8.0m		50u	-45	155 J	TO-83
-	C50U	See Index	25	110	1.0k	75m	3.0	10m	200	80u	-45	125 J	TO-94
55	C52U	See Index	25	110	1.0k	75m	3.0	10m	200	80u	-45	125 J	TO-83
-	C55U	Advncd Semi	25	110	1.0k	75m	3.0	10m	20	30u	-45	125 J	SIF-1/2
-	C55U	AmerMicroSC	25	110	1.0k	75m	3.0	10m	20	30u	-45	125 J	SIF-1/2
-	C55U	Hi-Tron	25	110	1.0k	75m	3.0	10m	20	30u	-45	125 J	SIF-1/2
-	C56U	Advncd Semi	25	110	1.0k	75m	3.0	10m	20	30u	-45	125 J	SIF-1/2
60	C56U	AmerMicroSC	25	110	1.0k	75m	3.0	10m	20	30u	-45	125 J	SIF-1/2
-	C56U	Hi-Tron	25	110	1.0k	75m	3.0	10m	20	30u	-45	125 J	SIF-1/2
-	70C025B	Microsemi CO	25	110	1.6k	150m	3.0	10m	100	40u	-45	125 A	TO-94
-	70C025BF	Microsemi CO	25	110	1.6k	150m	3.0	10m	100	40u	-45	125 A	TO-83
65	70C025	Microsemi CO	25	110	1.6k	200m	3.0	10m		40u	-45	125 A	TO-94
-	70C025F	Microsemi CO	25	110	1.6k	200m	3.0	10m		40u	-45	125 A	TO-83
-	150C025	Microsemi CO	25	235	3.0k	200m	3.0	20m		100u	-45	125 J	TO-93
-	150C025B	Microsemi CO	25	235	3.0k	200m	3.0	20m	200	100u	-45	125 J	TO-93
-	E0102YG	TAG Semi	30	1.0m	10	200u	0.8	50u	20	10u	-45	125 J	TO-39
-	2N3255	See Index	30	250m	1.0	20u	750m	100u	30	2.5u	-60	155 J	TO-46
70	2N3258	See Index	30	250m	1.0	200u	750m	100u	30	3.5u	-60	155 J	TO-46
-	2N3001	See Index	30	250m	6.0	20u	700m	100u			-60	155 A	TO-18
-	2N3005	See Index	30	250m	6.0	200u	800m	100u			-60	155 A	TO-18
-	2N4145	See Index	30	250m	8.0	10m	800m	100u			-60	110 A	Can
75	2N948	See Index	30	.26	1.0	.02m	1.0	.02m			-60	155 C	TO-18
-	2N885A	See Index	30	275m	1.0	50u	500m	20u		3.2u	-60	155 A	TO-18
-	2N6605	Hybrid Semi	30	275m	6.0	200u	800m	100u			-60	155 J	TO-18
-	2N6605	Sld St Dvcs	30	275m	6.0	200u	800m	100u			-60	155 J	TO-18
-	2N6605	Space Power	30	275m	6.0	200u	800m	100u			-60	155 J	TO-18
-	2N2683	See Index	30	.28	2.0	20u	.80	20u	200		-60	100 A	TO-18
80	2N2687	See Index	30	.28	2.0	20m	1.0	.10m			-60	155 A	TO-18
-	11C44	Solid Silnc	30	300m	6.0	200u	800m	50u		6.8u	-55	125 C	TO-92var
-	2N2679A	See Index	30	.35	2.0	20u	.70	100n	200	10u		155	TO-18
-	2N2679	See Index	30	.35	2.0	100u	.90	100u	200		-60	155 A	TO-18
-	2N877	See Index	30	.35	2.0	.20m	.80	.10m			-60	100 C	TO-18
85	2N2683A	See Index	30	350m	2.0	20u	700m	100n	200	10u	-60	155 A	TO-18
-	2N885	See Index	30	350m	2.0	20u	600m	20u			-60	100 C	TO-18
-	2N4332	See Index	30	.39	8.0	.01m	.80			10u		125	TO-52
-	GA100	Unitrode	30	400m	5.0	3.5m	700m	100n	40	1.5u	-60	155 A	TO-18
-	SN050	Semi Ltd	30	500m		5.0m							TO-39
90	2N3030	See Index	30	500m	5.0	20u	600m	100n		2.0u	-60	155 C	TO-18
-	2N3027	See Index	30	.50	5.0	1.2m	1.1	.05m		2.0u	-60	155 C	TO-18
-	MCR202	Motorola	30	500m	6.0	200u	800m	100u			-60	125 J	TO-18
-	E0100YD	TAG Semi	30	500m	10	20u	800m	50u	20	10u	-45	125	TO-18
-	E0102YA	TAG Semi	30	500m	10	200u	800m	50u	20	10u	-45	125 J	TO-92
95	E0102YB	TAG Semi											