

SCR's (continued)

RCA TYPE	Current			Package (See p. 28)	Voltage V _{DRM} V _{RRM} V	Temp. Range Operating °C	Max. Gate Trigger Characteristic		Critical Rate of Rise of Off-State Voltage dv/dt - V/μs			Circuit Commutated Turn-off Time		Thermal Resistance R _{θJC} °C/W
	I _T (RMS) A	I _{TSM} A	Temp., T _C °C				I _{GT} mA	V _{GT} V	Min.	Typ.	T _C -°C	t _q μs	T _C -°C	

INVERTER SCR's (continued)

S64 type

S6493M	35*	150	65	Q	600	-65 to 125	80	2	20	50	125	40	80	2
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* Peak pulse current = 900 A

S74 types

2N3650	35	180	25	Q	100	-65 to 120	180	3	200	-	120	15	120	1.7
2N3651	35	180	25	Q	200	-65 to 120	180	3	200	-	120	15	120	1.7
2N3652	35	180	25	Q	300	-65 to 120	180	3	200	-	120	15	120	1.7
2N3653	35	180	25	Q	400	-65 to 120	180	3	200	-	120	15	120	1.7
S7410M	35	180	25	Q	600	-65 to 120	180	3	200	-	120	15	120	1.7
2N3654	35	180	40	Q	50	-65 to 120	180	3	200	-	120	10	120	1.7
2N3655	35	180	40	Q	100	-65 to 120	180	3	200	-	120	10	120	1.7
2N3656	35	180	40	Q	200	-65 to 120	180	3	200	-	120	10	120	1.7
2N3657	35	180	40	Q	300	-65 to 120	180	3	200	-	120	10	120	1.7
2N3658	35	180	40	Q	400	-65 to 120	180	3	200	-	120	10	120	1.7
S7412M	35	180	40	Q	600	-65 to 120	180	3	200	-	120	10	120	1.7

INTEGRATED THYRISTOR/RECTIFIERS (ITR's)

S39 types

S3902DF	8	100	60	F	450	-40 to 100	30	4	175	-	80	2.4	80	2.5
S3900MF	8	100	60	F	650	-40 to 100	30	4	175	-	80	2.4	80	2.5
S3900S	8	100	60	F	700	-40 to 100	30	4	175	-	80	2.4	80	2.5
S3900SF	8	100	60	F	750	-40 to 100	30	4	175	-	80	2.4	80	2.5
S3901M	8	100	60	F	600	-40 to 100	45	4	1200	-	80	4.2	80	2.5
S3901MF	8	100	60	F	650	-40 to 100	45	4	1200	-	80	4.2	80	2.5
S3901S	8	100	60	F	700	-40 to 100	45	4	1200	-	80	4.2	80	2.5

* V_{RRM} = 0