

high current silicon controlled rectifiers

TO-83 1/2" Stud. Flag Terminals
110 Amperes @ Tc Noted

TYPE	PRV and VBO	Tc for RATED CURRENT	1 CYCLE CURRENT SURGE (PEAK AMPS)	MAX. REQ'D. GATE SIGNAL @ Tj(°C)
2N1792	50	65	1000	3V, 103mA, -40
2N1793	100	65	1000	3V, 130mA, -40
2N1794	150	65	1000	3V, 130mA, -40
2N1795	200	65	1000	3V, 130mA, -40
2N1796	250	65	1000	3V, 130mA, -40
2N1797	300	65	1000	3V, 130mA, -40
2N1798	400	65	1000	3V, 130mA, -40
2N1799	500	65	1000	3V, 130mA, -40
2N1800	600	65	1000	3V, 130mA, -40
2N1801	700	65	1000	3V, 130mA, -40
2N1802	800	65	1000	3V, 130mA, -40
2N1803	900	65	1000	3V, 130mA, -40
2N1804	1000	65	1000	3V, 200mA, -40
2N1805	500	62	1000	3V, 130mA, -40
2N1806	600	62	1000	3V, 130mA, -40
2N1807	700	62	1000	3V, 130mA, -40

TO-94 Outline 1/2" Stud. Flexible leads
110 Amperes

TYPE	PRV and VBO	Tc for RATED CURRENT	1 CYCLE CURRENT SURGE (PEAK AMPS)	MAX. REQ'D. GATE SIGNAL @ Tj(°C)
2N1908	25	62	1000	3V, 130mA, -40
2N1910	50	62	1000	3V, 130mA, -40
2N1911	100	62	1000	3V, 130mA, -40
2N1912	150	62	1000	3V, 130mA, -40
2N1913	200	62	1000	3V, 130mA, -40
2N1914	250	62	1000	3V, 130mA, -40
2N1915	300	62	1000	3V, 130mA, -40
2N1916	400	62	1000	3V, 130mA, -40
2N2023	25	85	1000	3V, 150mA, -65
2N2024	50	85	1000	3V, 150mA, -65
2N2025	100	85	1000	3V, 150mA, -65
2N2026	150	85	1000	3V, 150mA, -65
2N2027	200	85	1000	3V, 150mA, -65
2N2028	250	85	1000	3V, 150mA, -65
2N2029	300	85	1000	3V, 150mA, -65
2N2030	400	85	1000	3V, 150mA, -65
2N2031	50	60	1000	3V, 130mA, -40
2N3091	600	62	1000	3V, 200mA, -40
2N3092	700	62	1000	3V, 200mA, -40
2N3093	800	62	1000	3V, 200mA, -40
2N3094	900	62	1000	3V, 200mA, -40
2N3095	1000	62	1000	3V, 200mA, -40
2N3096	1100	62	1000	3V, 200mA, -40
2N3097	1200	62	1000	3V, 200mA, -40
2N3098	1300	62	1000	3V, 200mA, -40
3N3099	600	62	1000	3V, 200mA, -40
2N3100	700	62	1000	3V, 200mA, -40
2N3101	800	62	1000	3V, 200mA, -40
2N3102	900	62	1000	3V, 200mA, -40
2N3103	1000	62	1000	3V, 200mA, -40
2N3104	1100	62	1000	3V, 200mA, -40
2N3105	1200	62	1000	3V, 200mA, -40
2N3106	1300	62	1000	3V, 200mA, -40
2N4361	100	82	1600	5V, 250mA, -40
2N4362	200	82	1600	5V, 250mA, -40

TO-94 Outline 1/2" Stud. Flexible leads
110 Amperes

TYPE	PRV and VBO	Tc for RATED CURRENT	1 CYCLE CURRENT SURGE (PEAK AMPS)	MAX. REQ'D. GATE SIGNAL @ Tj(°C)
2N4363	400	82	1600	5V, 250mA, -40
2N4364	600	82	1600	5V, 250mA, -40
2N4365	800	82	1600	5V, 250mA, -40
2N4366	1000	82	1600	5V, 250mA, -40
2N4367	1200	82	1600	5V, 250mA, -40
2N4368	1400	82	1600	5V, 250mA, -40
2N4371	100	82	1600	5V, 250mA, -40
2N4372	200	82	1600	5V, 250mA, -40
2N4373	400	82	1600	5V, 250mA, -40
2N4374	600	82	1600	5V, 250mA, -40
2N4375	800	82	1600	5V, 250mA, -40
2N4376	1000	82	1600	5V, 250mA, -40
2N4377	1200	82	1600	5V, 250mA, -40
2N4378	1400	82	1600	5V, 250mA, -40

TO-93 3/4" stud. flexible leads
235 AMPS @ Tc Noted

TYPE	PRV and VBO	Tc for RATED CURRENT	1 CYCLE CURRENT SURGE (PEAK AMPS)	MAX. REQ'D. GATE SIGNAL @ Tj(°C)
2N2503	50	80	3500	3V, 150mA, -40
2N2504	100	80	3500	3V, 150mA, -40
2N2505	200	80	3500	3V, 150mA, -40
2N2506	300	80	3500	3V, 150mA, -40
2N2507	400	80	3500	3V, 150mA, -40
2N2508	500	80	3500	3V, 150mA, -40

275 AMPS @ Tc Noted

TYPE	PRV and VBO	Tc for RATED CURRENT	1 CYCLE CURRENT SURGE (PEAK AMPS)	MAX. REQ'D. GATE SIGNAL @ Tj(°C)
2N3884	50	80	4500	4V, 400mA, -40
2N3885	100	80	4500	4V, 400mA, -40
2N3886	200	80	4500	4V, 400mA, -40
2N3887	300	80	4500	4V, 400mA, -40
2N3888	400	80	4500	4V, 400mA, -40
2N3889	500	80	4500	4V, 400mA, -40
2N3890	600	80	4500	4V, 400mA, -40
2N3891	700	80	4500	4V, 400mA, -40
2N3892	800	80	4500	4V, 400mA, -40
2N3893	900	80	4500	4V, 400mA, -40
2N3894	1000	80	4500	4V, 400mA, -40
2N3895	1200	80	4500	4V, 400mA, -40