

TYPE	MATERIAL	POLARITY	REPLACE- MENT	PAGE NUMBER	USE	MAXIMUM RATINGS					ELECTRICAL CHARACTERISTICS										
						P <sub>D</sub> @ 25°C	T <sub>J</sub> °C	V <sub>CB</sub> (volts)	V <sub>CE</sub> - (volts)	Subscript	f <sub>FE</sub> @ I <sub>C</sub>		V <sub>CE(SAT)</sub> @ I <sub>C</sub>		h <sub>FE</sub>	Subscript	f <sub>T</sub> Units	Subscript			
											(min)	(max)	Units	(volts)					Units		
2N2968	S	P			BMS	150M	A	140	30	10	0	15		100*	0.6	10M				8.0M	T
2N2969	S	P			BMS	150M	A	140	30	10	0	15		100*	0.6	10M				8.0M	T
2N2970	S	P			BMS	150M	A	140	30	20	0	10		100*	0.8	10M				4.0M	T
2N2971	S	P			BMS	150M	A	140	30	20	0	10		100*	0.8	10M				4.0M	T
2N2972	S	P		11-27	DFA	0.25W	A	200	45	45	0	60	240	10*	0.35	1.0M				60M	T
2N2973	S	N		11-27	DFA	0.25W	A	200	45	45	0	150	600	10*	0.35	1.0M				60M	T
2N2974	S	N		11-27	DFA	0.25W	A	200	45	45	0	60	240	10*	0.35	1.0M				60M	T
2N2975	S	N		11-27	DFA	0.25W	A	200	45	45	0	150	600	10*	0.35	1.0M				60M	T
2N2976	S	N		11-27	DFA	250M	A	200	45	45	0	60	240	10*	0.35	1.0M				60M	T
2N2977	S	N		11-27	DFA	250M	A	200	45	45	0	150	600	10*	0.35	1.0M				60M	T
2N2978	S	N		11-27	DFA	250M	A	200	60	60	0	60	240	10*	0.35	1.0M				60M	T
2N2979	S	N		11-27	DFA	0.25W	A	200	60	60	0	150	600	10*	0.35	1.0M				60M	T
2N2980	S	N	2N2060A	11-6	DFA	0.25W	A	200	100	60	0	25	75	10*	1.2	50M	50	E		60M	T
2N2981	S	N	2N2223	11-6	DFA	0.25W	A	200	100	60	0	50	200	10M	1.2	50M	40	E		50M	T
2N2982	S	N	2N2223A	11-6	DFA	0.25W	A	200	100	60	0	50	200	10M	1.2	50M	40	E		50M	T
2N2983	S	N			LPA	1.0W	A	175	155	80	0	20	60	500M	0.6	1.0A	20	E		60M	T
2N2984	S	N			LPA	1.0W	A	175	185	120	0	20	60	500M	0.8	200M	20	E		60M	T
2N2985	S	N			LPA	1.0W	A	175	155	80	0	40	120	500M	0.8	200M	40	E		60M	T
2N2986	S	N			LPA	1.0W	A	175	185	120	0	40	120	500M	0.8	200M	40	E		60M	T
2N2987	S	N			LPA	1.0W	A	200	95	80	0	25	75	200M	0.8	200M	25	E		30M	T
2N2988	S	N			LPA	1.0W	A	200	155	100	0	25	75	200M	0.8	200M	25	E		30M	T
2N2989	S	N			LPA	1.0W	A	200	95	80	0	60	120	200M	0.8	200M	50	E		30M	T
2N2990	S	N			LPA	1.0W	A	200	155	100	0	60	120	200M	0.8	200M	50	E		30M	T
2N2991	S	N			LPA	2.0W	A	200	95	80	0	25	75	200M	0.8	200M	25	E		30M	T
2N2992	S	N			LPA	2.0W	A	200	155	100	0	20		1.0M	0.8	200M	25	E		30M	T
2N2993	S	N			LPA	2.0W	A	200	95	80	0	60	120	200M	0.8	200M	50	E		30M	T
2N2994	S	N			LPA	2.0W	A	200	155	100	0	60	120	200M	0.8	200M	50	E		30M	T
2N2995	S	N			HFA	1.5W	A	175	120	100	0	25	90	0.2A	1.7	0.2A	30	E		10M	T
2N2996	C	P	2N3283	9-51	RFA	75M	A	100	15	10	0	25	500	4.0M			35	E		400M	T
2N2997	C	P	2N3279	9-49	RFA	75M	A	100	30	15	0	40	500	4.0M			50	E		400M	T
2N2998	C	P	2N3284	9-51	RFA	75M	A	100	15	12	0	15	300	3.0M			20	E		600M	T
2N2999	C	P	2N3283	9-51	RFA	75M	A	100	15	10	0	10		3.0M			15	E		1.4G	T
2N3001	Thyristors, see Table on Page 1-154																				
2N3008	Thyristors, see Table on Page 1-154																				
2N3009	S	N		8-181	HSS	360M	A	200	40	15	0	30	120	30M	0.18	30M				350M	T
2N3010	S	N		8-183	HSS	300M	A	200	15	6.0	0	25	125	10M	0.25	10M				600M	T
2N3011	S	N		8-185	HSS	360M	A	200	30	12	0	30	120	10M	0.2	10M				400M	T
2N3012	S	P	MM2894	8-328	MSS	360M	A	200	12	12	0	30	120	30M	0.15	10M				400M	T
2N3013	S	N		8-187	HSS	360M	A	200	40	15	0	30	120	30M	0.18	30M				350M	T
2N3014	S	N		8-187	HSS	360M	A	200	40	20	0	30	120	30M	0.18	10M				350M	T
2N3015	S	N		8-187	HSS	800M	A	200	60	30	0	30	120	150M	0.4	150M				250M	T
2N3016	S	N			HFA	3.33W	C	150	100	50	0	60	150	1.0A	0.75	1.0A				200M	T
2N3017	S	N			HFA	3.33W	C	150	100	50	0	60	150	1.0A	0.75	5.0A				200M	T
2N3018	S	N			HFA	25W	C	150	100	50	0	60	150	1.0A	0.75	5.0A				200M	T
2N3019	S	N		8-189	RFA	0.8W	A	200	140	80	0	100	300	0.15A	0.2	0.15A	80	E		100M	T
2N3020	S	N		8-189	RFA	0.8W	A	200	140	80	0	40	120	0.15A	0.2	0.15A	30	E		80M	T
2N3021	S	N		7-99	PHS	25W	C	175	30	30	0	20	60	1.0A	1.5	3.0A				60M	T
2N3022	S	P		7-99	PHS	25W	C	175	45	45	0	20	60	1.0A	1.5	3.0A				60M	T
2N3023	S	P		7-99	PHS	25W	C	175	60	60	0	20	60	1.0A	1.5	3.0A				60M	T
2N3024	S	P		7-99	PHS	25W	C	175	30	30	0	50	180	1.0A	1.0	3.0A				60M	T
2N3025	S	P		7-99	PHS	25W	C	175	45	45	0	50	180	1.0A	1.0	3.0A				60M	T
2N3026	S	P		7-99	PHS	25W	C	175	60	60	0	50	180	1.0A	1.0	3.0A				60M	T
2N3027	Thyristors, see Table on Page 1-154																				
2N3032	Thyristors, see Table on Page 1-154																				
2N3033	S	N			SPP	300M	A	175	100	100	R				1.0	100M					
2N3034	S	N			SPP	300M	A	175	70	70	R				1.0	100M					
2N3035	S	N			SPP	300M	A	175	50	50	R				1.0	100M					
2N3036	S	N			AFA	800M	A	200	120	80	0	50	150	150M	0.25	150M	40	E		50M	T
2N3037	S	N			AFA	360M	A	175	120	70	0	40	120	150M	0.2	10M	30	E		50M	T
2N3038	S	N			AFA	360M	A	175	100	60	0	80	240	150M	0.2	10M	60	E		50M	T
2N3039	S	P			AFA	360M	A	175	50	35	0	20	80	150M			20	E		50M	T
2N3040	S	P			AFA	360M	A	175	40	30	0	40	160	150M	0.2	10M	40	E		50M	T
2N3043	S	N		11-29	DFA	250M	A	200	45	45	0	100	300	10*	1.0	10M	130	E		30M	T
2N3044	S	N		11-29	DFA	250M	A	200	45	45	0	100	300	10*	1.0	10M	130	E		30M	T
2N3045	S	N		11-29	DFA	250M	A	200	45	45	0	100	300	10*	1.0	10M	130	E		30M	T
2N3046	S	N		11-29	DFA	250M	A	200	45	45	0	50	200	10*	1.0	10M	65	E		30M	T
2N3047	S	N		11-29	DFA	250M	A	200	45	45	0	50	200	10*	1.0	10M	65	E		30M	T
2N3048	S	N		11-29	DFA	250M	A	200	45	45	0	50	200	10*	1.0	10M	65	E		30M	T
2N3049	S	P		11-31	DFA	250M	A	200	25	20	0	20	120	10*	0.2	10M	30	E		60M	T
2N3050	S	P		11-31	DFA	250M	A	200	25	20	0	20	120	10*	0.2	10M	30	E		60M	T
2N3051	S	P			AFA	250M															