

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	h <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>	Subscript	
						(min)	(max)	Units	Units			Units					Units				
2N3174	S	P	2N3790	7-147	HPA	75W	C	200	100	100	0	12	36	1.0A	0.75	1.0A	10	E	1.0M	T	
2N3175	S	P	MJ2267	7-202	HPA	85W	C	200	40	40	0	10	30	2.0A	1.0	2.0A	10	E	1.0M	T	
2N3176	S	P	2N3789	7-147	HPA	85W	C	200	60	60	0	10	30	2.0A	1.0	2.0A	10	E	1.0M	T	
2N3177	S	P	2N3790	7-147	HPA	85W	C	200	80	80	0	10	30	2.0A	1.0	2.0A	10	E	1.0M	T	
2N3178	S	P	2N3790	7-147	HPA	85W	C	200	100	100	0	10	30	2.0A	1.0	2.0A	10	E	1.0M	T	
2N3179	S	P	MJ2267	7-202	HPA	85W	C	200	40	40	0	10	30	2.0A	1.0	2.0A	10	E	1.0M	T	
2N3180	S	P	2N3789	7-147	HPA	85W	C	200	60	60	0	10	30	2.0A	1.0	2.0A	10	E	1.0M	T	
2N3181	S	P	2N3790	7-147	HPA	85W	C	200	80	80	0	10	30	2.0A	1.0	2.0A	10	E	1.0M	T	
2N3182	S	P	2N3790	7-147	HPA	85W	C	200	100	100	0	10	30	2.0A	1.0	2.0A	10	E	1.0M	T	
2N3183	S	P	2N3789	7-147	HPA	75W	C	200	40	40	0	10	30	2.0A	1.0	2.0A	10	E	1.0M	T	
2N3184	S	P	2N3789	7-147	HPA	75W	C	200	60	60	0	10	30	2.0A	1.0	2.0A	10	E	1.0M	T	
2N3185	S	P	2N3790	7-147	HPA	75W	C	200	80	80	0	10	30	2.0A	1.0	2.0A	10	E	1.0M	T	
2N3186	S	P	2N3790	7-147	HPA	75W	C	200	100	100	0	10	30	2.0A	1.0	2.0A	10	E	1.0M	T	
2N3187	S	P	MJ2267	7-202	HPA	85W	C	200	40	40	0	10	30	3.0A	0.9	3.0A	10	E	1.0M	T	
2N3188	S	P	2N3789	7-147	HPA	85W	C	200	60	60	0	10	30	3.0A	0.9	3.0A	10	E	1.0M	T	
2N3189	S	P	2N3790	7-147	HPA	85W	C	200	80	80	0	10	30	3.0A	0.9	3.0A	10	E	1.0M	T	
2N3190	S	P	2N3790	7-147	HPA	85W	C	200	100	100	0	10	30	3.0A	0.9	3.0A	10	E	1.0M	T	
2N3191	S	P	2N3790	7-147	HPA	85W	C	200	40	40	0	10	30	3.0A	0.9	3.0A	10	E	1.0M	T	
2N3192	S	P	2N3789	7-147	HPA	85W	C	200	60	60	0	10	30	3.0A	0.9	3.0A	10	E	1.0M	T	
2N3193	S	P	2N3790	7-147	HPA	85W	C	200	80	80	0	10	30	3.0A	0.9	3.0A	10	E	1.0M	T	
2N3194	S	P	2N3790	7-147	HPA	85W	C	200	100	100	0	10	30	3.0A	0.9	3.0A	10	E	1.0M	T	
2N3195	S	P	2N3789	7-147	HPA	75W	C	200	40	40	0	10	30	3.0A	0.9	3.0A	10	E	1.0M	T	
2N3196	S	P	2N3789	7-147	HPA	75W	C	200	60	60	0	10	30	3.0A	0.9	3.0A	10	E	1.0M	T	
2N3197	S	P	2N3790	7-147	HPA	75W	C	200	80	80	0	10	30	3.0A	0.9	3.0A	10	E	1.0M	T	
2N3198	S	P	2N3790	7-147	HPA	75W	C	200	100	100	0	10	30	3.0A	0.9	3.0A	10	E	1.0M	T	
2N3199	S	P	2N3790	7-147	HPA	40W	C	200	40	40	0	20	60	1.0A	0.3	1.0A	10	E	1.0M	T	
2N3200	S	P	2N3740	7-137	HPA	40W	C	200	60	60	0	20	60	1.0A	0.3	1.0A	10	E	1.0M	T	
2N3201	S	P	2N3741	7-137	HPA	40W	C	200	80	80	0	20	60	1.0A	0.3	1.0A	10	E	1.0M	T	
2N3202	S	P	2N3741	7-137	HPA	8.8W	C	200	40	40	0	20	60	1.0A	0.3	1.0A	10	E	1.0M	T	
2N3203	S	P	2N3740	7-137	HPA	8.8W	C	200	60	60	0	20	60	1.0A	0.3	1.0A	10	E	1.0M	T	
2N3204	S	P	2N3741	7-137	HPA	8.8W	C	200	80	80	0	20	60	1.0A	0.3	1.0A	10	E	1.0M	T	
2N3205	S	P	2N3740	7-137	HPA	40W	C	200	40	40	0	20	60	0.5A	0.4	0.5A	10	E	1.0M	T	
2N3206	S	P	2N3740	7-137	HPA	40W	C	200	60	60	0	20	60	0.5A	0.4	0.5A	10	E	1.0M	T	
2N3207	S	P	2N3741	7-137	HPA	40W	C	200	100	100	0	20	60	0.5A	0.4	0.5A	10	E	1.0M	T	
2N3208	S	P	2N3740	7-137	HPA	8.8W	C	200	40	40	0	20	60	0.5A	0.4	0.5A	10	E	1.0M	T	
2N3209	S	P	MM2894	8-328	MSS	0.36W	A	200	20	20	0	30	120	30M	0.2	30M	10	E	400M	T	
2N3210	S	N		8-196	HSS	0.36W	A	200	40	15	0	30	120	10M	0.75	0.2A			300M	T	
2N3211	S	N		8-198	HSS	0.36W	A	200	40	15	0	50	150	10M	0.2	10M			350M	T	
2N3212	S	N			LPA	14W	C	110	100	80	0	30	90	3.0A	0.5	5.0A	3.0	E			
2N3213	G	P			LPA	14W	C	110	80	60	0	30	90	3.0A	0.5	5.0A	3.0	E			
2N3214	G	P			LPA	14W	C	110	60	40	0	30	90	3.0A	0.5	5.0A	3.0	E			
2N3215	G	P			LPA	14W	C	110	40	30	0	30	90	3.0A	0.5	5.0A	3.0	E			
2N3216	G	P			MSS	150M	A	100	20	10	0	60	100	200M	0.22	200M			10M	T	
2N3217	S	P			CHP	400M	A	200	15	10	0								1.0M	T	
2N3218	S	P			CHP	400M	A	200	25	20	0								1.0M	T	
2N3219	S	P			CHP	400M	A	200	40	35	0								1.0M	T	
2N3220	S	N			HFA	6.0W	C	175	100	80	0	20	60	1.0A	1.25	1.0A	20	E	10M	T	
2N3221	S	N			HPA	6.0W	C	175	100	80	0	40	120	1.0A	1.25	1.0A	40	E	10M	T	
2N3222	S	N			HPA	6.0W	C	175	80	60	0	20	60	1.0A	1.25	1.0A	20	E	10M	T	
2N3223	S	N			HPA	6.0W	C	175	80	60	0	40	120	1.0A	1.25	1.0A	40	E	10M	T	
2N3224	S	N	2N3498	8-232	VID	0.7W	A	200	100	100	0	20	60	50M			20	E	60M	T	
2N3225	S	P	2N3498	8-232	VID	0.7W	A	200	100	100	0	40	120	50M			40	E	80M	T	
2N3226	S	N			LPA	75W	C	200	35	35	0	20	50	2.0A	1.2	2.7A	20	E	30K	T	
2N3227	S	N			HSS	0.36W	A	200	40	20	0	100	300	10M	0.25	10M			500M	T	
2N3228	Thyristor, see Table on Page 1-154																				
2N3229	S	N			HPA	17.5W	C	200	105	60	0	5.0		2.5A	1.0	2.5A			150M	T	
2N3230	S	N			PHS	25W	C	200	80	60	0	2K	20K	2.0A	1.4	2.0A			40M	T	
2N3231	S	N			PHS	25W	C	200	100	80	0	2K	20K	2.0A	1.4	2.0A			40M	T	
2N3232	S	N			HPA	117W	C	200	80	60	0	18	55	3.0A	2.5	3.0A	10	E	1.0M	T	
2N3233	S	N		7-106	HPA	117W	C	200	110	100	0	18	55	3.0A	2.5	3.0A	10	E	1.0M	T	
2N3234	S	N			HPA	117W	C	200	160	160	0	18	55	3.0A	2.5	3.0A	10	E	1.0M	T	
2N3235	S	N		7-106	HPA	117W	C	200	65	55	0	20	70	4.0A	1.1	4.0A	10	E	1.0M	T	
2N3236	S	N			HPA	150W	C	200	90	90	0	17	60	5.0A	1.1	5.0A	10	E	1.0M	T	
2N3237	S	N			HPA	200W	C	200	90	75	0	12	36	10A	2.0	10A	10	E	1.0M	T	
2N3238	S	N			HPA	150W	C	200	80	80	0	8.5	25	10A	3.0	10A	10	E	1.0M	T	
2N3239	S	N			HPA	150W	C	200	80	80	0	8.5	25	10A	1.0	10A	10	E	1.0M	T	
2N3240	S	N			HPA	150W	C	200	160	160	0	8.5	25	10A	1.0	10A	10	E	1.0M	T	
2N3241	S	N			LNA	0.5W	A	175	30	25	0	50	300	10M			70	E	50M	T	
2N3241A	S	N			AFA	500M	A	175	30	25	0						175	E	100M	T	
2N3242	S	N			LNA	0.5W	A	175	30	25	0	75		10M			100	E	50M	T	
2N3242A	S	N			AFA	500M	A	175	40	40	0						200	E	100M	T	
2N3244	S	P		8-200	HSS	1.0W	A	200	40	40	0	50	150	0.5A	0.3	0.15A			175M	T	
2N3245	S	P		8-200	HSS	1.0W	A	200	50	50	0	30	90	0.5A	0.35	0.15A			150M	T	
2N3246	S	N			LNA	0.35W	A	200	60	45	0	200	600	10*	0.5	5.0M	200	E	60M	T	
2N3247	S	N			LNA	0.15W	A	150	60	45	0	200	600	10*	0.5	5.0M	200	E	60M	T	
2N3248	S	P		8-204	HSS	0.36W	A	200	15	12	0	50	150	0.1M	0.125	10M			250M	T	
2N3249	S	P		8-204	HSS	0.36W	A	200	15	12	0	100	300	0.1M	0.125	10M			300M	T	
2N3250	S	P		8-208	HSS	0.36W	A	200	50	40	0	50	150	10M	0.25	10M	50	E	250M		