

2N2230-2N2330

TYPE	MATERIAL	POLARITY	REPLACE- MENT	PAGE NUMBER	USE	MAXIMUM RATINGS						ELECTRICAL CHARACTERISTICS									
						P _D	T _J	V _{CB}	V _{CE}	Subscript	h _{FE} @ I _C		V _{CE(SAT)} @ I _C		h _{FE}	Subscript	f _T	Subscript			
						@ 25°C	Ref Point	°C	(volts)		(volts)	(min)	(max)	(volts)					(volts)	Units	Units
2N2230	S	N			LPA	150W	C	150	50	50	V	350		9.0A	3.5	9.0A	100	E	4.0K	E	
2N2231	S	N			LPA	150W	C	150	100	100	V	350		9.0A	3.5	9.0A	100	E	4.0K	E	
2N2232	S	N			LPA	150W	C	150	150	150	V	350		9.0A	3.5	9.0A	100	E	4.0K	E	
2N2233	S	N			LPA	150W	C	150	200	200	V	350		9.0A	3.5	9.0A	100	E	4.0K	E	
2N2234	S	N			PHS	12.5W	C	150	40	20	O	15	60	100M	0.25	100M			50M	T	
2N2235	S	N			PHS	12.5W	C	150	40	20	O	40	125	100M	0.25	100M			100M	T	
2N2236	S	N			HSS	575M	A	150	40	20	O	15	60	100M	0.25	100M			50M	T	
2N2237	S	N			HSS	575M	A	150	40	20	O	40	125	100M	0.25	100M			100M	T	
2N2238	G	P			RFA	0.3W	A	100	30	30	S	10		10M			25	E	400M	T	
2N2239	S	N	2N3766	7-142	AFA	1.0W	A	150	60	50	R	30	200	200M	3.0	200M				T	
2N2240	S	N			HSA	0.6W	A	200	25	20	O	40	100	1.0M	1.0	50M			50M	T	
2N2241	S	N			HSA	0.6W	A	200	25	20	O	100	200	1.0M	1.0	50M			50M	T	
2N2242	S	N	2N2219	8-120	HSA	360M	A	200	40	15	O	40	120	10M	0.7	100M			250M	T	
2N2243	S	N		8-108	HSS	0.8W	A	200	120	80	O	40	120	0.15A	0.35	0.15A			50M	T	
2N2243A	S	N			HSS	0.8W	A	200	120	80	O	40	120	0.15A	0.35	0.15A			50M	T	
2N2244	S	N	2N835	8-54	AFA	0.5W	A	200	20	20	O	5.0	15	2.0*	0.2	1.0M	40	E	60M	T	
2N2245	S	N	2N835	8-54	AFA	0.5W	A	200	20	20	O	10	30	2.0*	0.2	1.0M	80	E	60M	T	
2N2246	S	N	2N835	8-54	AFA	0.5W	A	200	20	20	O	5.0	15	2.0*	0.2	1.0M	40	E	60M	T	
2N2247	S	N	2N834	8-54	AFA	0.5W	A	200	45	45	O	5.0	15	2.0*	0.2	1.0M	40	E	60M	T	
2N2248	S	N	2N834	8-54	AFA	0.5W	A	200	45	45	O	10	30	2.0*	0.2	1.0M	80	E	60M	T	
2N2249	S	N	2N834	8-54	AFA	0.5W	A	200	45	45	O	20	60	2.0*	0.2	1.0M	150	E	60M	T	
2N2250	S	N	2N835	8-54	LNA	0.5W	A	200	25	20	O	5.0	15	2.0*	0.2	1.0M	40	E	60M	T	
2N2251	S	N	2N835	8-54	LNA	0.5W	A	200	25	20	O	10	30	2.0*	0.2	1.0M	80	E	60M	T	
2N2252	S	N	2N834	8-54	LNA	0.5W	A	200	25	20	O	20	60	2.0*	0.2	1.0M	150	E	60M	T	
2N2253	S	N	2N834	8-54	LNA	0.5W	A	200	45	50	O	5.0	15	2.0*	0.2	1.0M	40	E	60M	T	
2N2254	S	N	2N834	8-54	LNA	0.5W	A	200	45	50	O	10	30	2.0*	0.2	1.0M	80	E	60M	T	
2N2255	S	N	2N834	8-54	LNA	0.5W	A	200	45	50	O	20	60	2.0*	0.2	1.0M	150	E	60M	T	
2N2256	S	N		8-122	HNS	300M	A	175	7.0	7.0	S	17		10M						T	
2N2257	S	N		8-122	HNS	300M	A	175	7.0	7.0	S	40		10M						T	
2N2258	S	N		8-122	HNS	150M	A	100	7.0	7.0	S	17		10M						T	
2N2259	G	P		8-122	HNS	150M	A	100	7.0	7.0	S	40		10M						T	
2N2260																					T
thru 2N2262					Thyristors, see Table on Page 1-154																T
2N2266	G	P	2N2145	7-78	PMS	50W	J	125	100	55		40	120	500M	0.75	5.0A			200K	T	
2N2267	G	P	2N2145	7-78	PMS	50W	J	125	120	55		40	120	500M	0.75	5.0A			200K	T	
2N2268	G	P	2N2145	7-78	PMS	50W	J	125	100	55		40	120	500M	0.75	5.0A			200K	T	
2N2269	G	P	2N2145	7-78	PMS	50W	J	125	120	55		40	120	500M	0.75	5.0A			200K	T	
2N2270	S	N	2N2219	8-108	AFA	5.0W	C	200	60	45	O	30	30	1.0M	0.9	150M	50	E	10K	E	
2N2271	S	P			AFC	0.25W	A	100	20	15	R	50	100	35M						T	
2N2272	S	P			HSS	360M	A	200	40	20	R	80	240	10M						T	
2N2273	G	P			RFA	100M	A	100	25	15	O	20	150	1.0M						T	
2N2274	S	P		9-27	CHP	150M	A	140	25	25	O	10		5.0M					6.0M	T	
2N2275	S	P			CHP	150M	A	140	25	25	O	10		5.0M					6.0M	T	
2N2276	S	P			CHP	150M	A	140	15	10	O	10		5.0M					6.0M	T	
2N2277	S	P			CHP	150M	A	140	15	10	O	10		5.0M					6.0M	T	
2N2278	S	P			CHP	150M	A	140	15	15	O			5.0M					7.6M	T	
2N2279	S	P			CHP	150M	A	140	15	15	O			5.0M					7.6M	T	
2N2280	S	P			CHP	150M	A	140	10	6.0	O			0.1	5.0M				16M	T	
2N2281	S	P			CHP	150M	A	140	10	6.0	O			0.1	5.0M				16M	T	
2N2282	G	P			HFA	5.0W	C	110	60	30	O	15		3.0A	0.4	1.0A	40	E	20M	T	
2N2283	G	P			HFA	5.0W	C	110	100	60	O	15		3.0A	0.4	1.0A	40	E	20M	T	
2N2284	G	P			HFA	5.0W	C	110	200	100	O	15		3.0A	0.4	1.0A	40	E	20M	T	
2N2285	G	P			LPA	100W	C	110	60	30	O	35	140	10A	0.65	25A			0.6M	T	
2N2286	G	P			LPA	100W	C	110	100	60	O	35	140	10A	0.65	25A			0.6M	T	
2N2287	G	P			LPA	100W	C	110	120	80	O	35	140	10A	0.65	25A			0.6M	T	
2N2288	G	P	2N2526	7-87	LPA	60W	C	110	40	40	R	20	60	5.0A	1.0	5.0A	25	E	0.45M	T	
2N2289	G	P	2N2526	7-87	LPA	60W	C	110	80	80	R	20	60	5.0A	1.0	5.0A	25	E	0.45M	T	
2N2290	G	P	2N2526	7-87	LPA	60W	C	110	120	120	R	20	60	5.0A	1.0	5.0A	25	E	0.45M	T	
2N2291	G	P			LPA	60W	C	110	40	30	O	50	120	5.0A	1.0	5.0A	50	E	0.45M	T	
2N2292	G	P			LPA	60W	C	110	80	70	O	50	120	5.0A	1.0	5.0A	50	E	0.45M	T	
2N2293	G	P			LPA	60W	C	110	120	70	O	50	120	5.0A	1.0	5.0A	50	E	0.45M	T	
2N2294	G	P			PMS	70W	C	110	40	30	O	50	120	5.0A	1.0	5.0A	50	E	0.45M	T	
2N2295	G	P			PMS	70W	C	110	80	50	O	50	120	5.0A	1.0	5.0A	50	E	0.45M	T	
2N2296	G	P			PMS	70W	C	110	120	70	O	50	120	5.0A	1.0	5.0A	50	E	0.45M	T	
2N2297	S	N	2N3252	8-214	RFA	800M	A	200	80	35	O	40	120	150M	0.2	150M			60M	T	
2N2303	S	P	2N2801	8-161	RFA	600M	A	175	50	50	R	75	200	150M	1.5	150M	75	E	60M	T	
2N2304	S	N	2N3766	7-142	LPA	25W	C	200	60	60	V	20	80	300M	0.9	300M				T	
2N2305	S	N			LPA	75W	C	200	60	60	V	15	60	800M	1.2	600M				T	
2R2306	S	N			PHS	13W	C	175	75	50	O	12	75	0.35A	2.0	1.0A			175M	T	
2N2307					Unijunction Transistor, see Table on Page 1-174																T
2N2308	S	N			LPA	25W	C	200	100	80	O	20	60	1.0A	1.0	1.0A	15	E	30K	E	
2N2309	S	N			LNA	600M	A	200	30	30	O	25	125	0.2M			40	E		T	
2N2310	S	N			AFA	350M	A	200	60	60	O	12	36	200M	5.0	200M				T	
2N2311	S	N			AFA	350M	A	200	100	100	O	12	36	200M	5.0	200M				T	
2N2312	S	N			AFA	350M	A	200	60	60	O	30	90	200M	5.0	200M				T	
2N2313	S	N			AFA	350M	A	200	100	100	O	30	90	200M	5.0	200M				T	
2N2314	S	N			AFA	350M	A	200	60	40	R	20	60	150M	5.0	150M				T	
2N2315	S	N			AFA	350M	A	200	60	40	R	40	120	150M	1.5	150M	15	E	40M	T	
2N2316	S	N			AFA	350M	A	200	120	80	R	40	120	150M	5.0	150M	25	E	50M	T	
2N2317	S	N			AFA	350M	A	200	75	50	R	40	120	150M	1.5	150M	30	E	60M	T	
2N2318	S	N	2N834	8-54	HSA	360M	A	200	30	25	S	15		0.1M	0.35	20M			300M	T	
2N2319	S	N	2N834	8-54	HSA	300M	A	200	30	25	S	15		0.1M	0.35	20M			300M	T	