

TYPE	MATERIAL	POLARITY	REPLACE- MENT	PAGE NUMBER	USE	MAXIMUM RATINGS					ELECTRICAL CHARACTERISTICS									
						P <sub>D</sub> @ 25°C	Ref Point	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>f</sub> -	Subscript	f <sub>L</sub>	Subscript	
						(min)	(max)	Units		(volts)		Units	h <sub>f</sub> -	Subscript	f <sub>L</sub>	Subscript				
2N3962	S	P			AFA	0.36W	A	200	60	60	0	100	300	10*	0.25	10M	100	E	40M	T
2N3963	S	P			AFA	0.36W	A	200	80	80	0	100	300	10*	0.25	10M	100	E	40M	T
2N3964	S	P			AFA	0.36W	A	200	45	45	0	250	500	10*	0.25	10M	250	E	50M	T
2N3965	S	P			AFA	0.36W	A	200	60	60	0	250	500	10*	0.25	10M	250	E	50M	T
2N3966 thru 2N3972	Field Effect Transistors, see Table on Page 1-166																			
2N3973	S	N	2N4400	5-34	MSC	0.36W	A	150	60	30	0	35	100	10M	0.3	0.15A		E	200M	T
2N3974	S	N	2N4401	5-34	MSC	0.36W	A	150	60	30	0	55	200	10M	0.3	0.15A		E	200M	T
2N3975	S	N	2N4400	5-34	MSC	0.36W	A	150	60	30	0	35	100	10M	0.3	0.15A		E	200M	T
2N3976	S	N	2N4401	5-34	MSC	0.36W	A	150	60	30	0	55	200	10M	0.3	0.15A		E	200M	T
2N3977	S	P			CHP	0.4W	A	200	15	10	0	40		5.0M	0.1	5.0M		E	1.0M	T
2N3978	S	P			CHP	0.4W	A	200	25	20	0	30		5.0M	0.15	5.0M		E	1.0M	T
2N3979	S	P			CHP	0.4W	A	200	40	35	0	20		5.0M	0.15	5.0M		E	1.0M	T
2N3980	Unijunction Transistor, see Table on Page 1-174																			
2N3981	S	N			HSS	0.8W	A	200	60	30	0	30	120	0.15A	0.4	0.15A		E	250M	T
2N3982	S	N			HSS	0.8W	A	200	50	20	0	40	140	0.15A	0.4	0.15A		E	250M	T
2N3983	S	N			RFC	0.2W	A	150	30	12	0	30		4.0M				E	500M	T
2N3984	S	N			RFC	0.2W	A	150	30	12	0	20		4.0M				E	400M	T
2N3985	S	N			RFC	0.2W	A	150	30	12	0	20		4.0M				E	300M	T
2N3986 thru 2N3992	Thyristors, see Table on Page 1-154																			
2N3993																				
2N3994	Field Effect Transistor, see Table on Page 1-166																			
2N3995	G	P	2N2929	9-33	RFA	0.3W	A	100	20	12	0	40	200	2.0M			150	E	0.6G	T
2N3996	S	P			PHS	2.0W	A	200	100	80	0	40	120	1.0A	0.25	1.0A		E	40M	T
2N3997	S	N			PHS	2.0W	A	200	100	80	0	80	240	1.0A	0.25	1.0A		E	40M	T
2N3998	S	N			PHS	2.0W	A	200	100	80	0	40	120	1.0A	0.25	1.0A		E	40M	T
2N3999	S	N			PHS	2.0W	A	200	100	80	0	80	240	1.0A	0.25	1.0A		E	40M	T
2N4000	S	N			PHS	1.0W	A	200	100	80	0	30	120	0.5A	0.3	0.5A		E	40M	T
2N4001	S	N			PHS	1.0W	A	200	120	100	0	40	120	0.5A	0.3	0.5A		E	40M	T
2N4002	S	N			LPA	4.0W	A	100	80	20	0	80	15A				30	E	30M	B
2N4003	S	N			LPA	4.0W	A	120	100	20	0	80	15A				30	E	30M	B
2N4004	S	N			LPA	1.2W	A	100	80	20	0	30	150	10A				E	30M	B
2N4005	S	N			LPA	1.2W	A	120	100	20	0	30	150	10A				E	30M	B
2N4006	S	P			AFA	400M	A	200	10	6.0	0						40	E	20M	T
2N4007	S	P			MSA	400M	A	200	20	15	0						30	E	15M	T
2N4008	S	P			MSA	400M	A	200	35	30	0						20	E	15M	T
2N4009	Matched Pair 2N4006																			
2N4010	Matched Pair 2N4007																			
2N4011	Matched Pair 2N4008																			
2N4012	S	N		9-110	LFA	11.6W	C	200	65	40	0	4.0	40	1.0A	1.0	0.25A		E	400M	T
2N4013	S	N		8-257	HSS	360M	A	200	60	40	0		150	100M				E	300M	T
2N4014	S	N		8-257	HSS	360M	A	200	80	50	0		150	100M				E	300M	T
2N4015	S	P			DFA	0.4W	A	200	60	60	0	135	350	1.0M	0.25	50M	135	E	200M	T
2N4016	S	P			DFA	0.4W	A	200	60	60	0	135	350	1.0M	0.25	50M	135	E	200M	T
2N4017	S	P			AFA	600M	A	200	80	80	0	100	500	1.0M				E	40M	T
2N4018	S	P			AFA	400M	A	200	60	60	0						100	E	7.0M	E
2N4019	S	P			AFA	400M	A	200	45	45	0						250	E	50M	T
2N4020	S	P			DFA	0.4W	A	200	45	45	0	250	500	10*	0.25	10M	250	E	50M	T
2N4021	S	P			DFA	0.4W	A	200	60	60	0	100	350	10*	0.25	10M	100	E	40M	T
2N4022	S	P			DFA	0.4W	A	200	60	60	0	250	500	10*	0.25	10M	250	E	50M	T
2N4023	S	P			DFA	0.4W	A	200	45	45	0	250	500	10*	0.25	10M	250	E	50M	T
2N4024	S	P			DFA	0.4W	A	200	60	60	0	100	350	10*	0.25	10M	100	E	40M	T
2N4025	S	P			DFA	0.4W	A	200	60	60	0	250	500	10*	0.25	10M	250	E	50M	T
2N4026	S	P			AFA	0.5W	A	200	60	60	0	40	120	0.1A	1.0	1.0A		E	100M	T
2N4027	S	P			AFA	0.5W	A	200	80	80	0	40	120	0.1A	0.5	0.5A		E	100M	T
2N4028	S	P			AFA	0.5W	A	200	60	60	0	100	300	0.1A	1.0	1.0A		E	150M	T
2N4029	S	P			AFA	0.5W	A	200	80	80	0	100	300	0.1A	0.5	0.5A		E	150M	T
2N4030	S	P			AFA	0.8W	A	200	60	60	0	40	120	0.1A	1.0	1.0A		E	100M	T
2N4031	S	P			AFA	0.8W	A	200	80	80	0	40	120	0.1A	0.5	0.5A		E	100M	T
2N4032	S	P			AFA	0.8W	A	200	60	60	0	100	300	0.1A	1.0	1.0A		E	150M	T
2N4033	S	P			AFA	0.8W	A	200	80	80	0	100	300	0.1A	0.5	0.5A		E	150M	T
2N4034	S	P			HSS	0.36W	A	200	40	40	0	70	200	10M	0.13	1.0M	50	E	400M	T
2N4035	S	P			HSS	0.36W	A	200	40	40	0	150	300	10M	0.13	1.0M		E	450M	T
2N4036	S	P			MSS	5.0W	A	200	90	65	0	40	140	0.15A				E	60M	T
2N4037	S	P			MSS	1.0W	A	200	60	40	0	50	250	0.15A				E	60M	T
2N4040	S	N			HPA	17.5W	C	200	60	40	0	10	80	0.1A	2.0	1.0A		E	400M	T
2N4041	S	N			HPA	10W	C	200	60	40	0	10	80	75M	2.0	0.5A		E	400M	T
2N4042	S	N			DFA	0.3W	C	200	60	60	0	200	600	10*	0.35	1.0M		E	200M	T
2N4043	S	N			DFA	0.3W	C	200	45	45	0	80	800	10*	0.35	1.0M		E	150M	T
2N4044	S	N			DFA	0.4W	C	200	60	60	0	200	600	10*	0.35	1.0M		E	200M	T
2N4045	S	N			DFA	0.4W	C	200	45	45	0	80	800	10*	0.35	1.0M		E	150M	T
2N4046	S	N		8-296	HSS	800M	A	200	50	30	0	150	100M					E	250M	T
2N4047	S	N		8-296	HSS	800M	A	200	80	50	0	150	100M					E	250M	T
2N4048	S	N		7-152	LFA	170W	C	110	45	30	0	60	120	15A	0.30	60A		E	2.0K	E
2N4049	G	P		7-152	LFA	170W	C	110	60	45	0	60	120	15A	0.30	60A		E	2.0K	E
2N4050	G	P		7-152	LFA	170W	C	110	75	60	0	60	120	15A	0.30	60A		E	2.0K	E
2N4051	G	P		7-152	LFA	170W	C	110	45	30	0	60	180	15A	0.30	60A		E	2.0K	E
2N4052	G	P		7-152	LFA	170W	C	110	60	45	0	60								