

TYPE	MATERIAL	POLARITY	REPLACE- MENT	PAGE NUMBER	USE	MAXIMUM RATINGS					ELECTRICAL CHARACTERISTICS									
						P _D @ 25°C	Ref Point	T _J °C	V _{CB} (volts)	V _{CE} - (volts)	Subscript	h _{FE} @ I _C		V _{CE(SAT)} @ I _C		h _f -	Subscript	f _T Units	Subscript	
												(min)	(max)	Units	(volts)					Units
2N3962 2N3963 2N3964 2N3965 2N3966 thru 2N3972	S S S S S	P P P P P			AFA	0.36W	A	200	60	60	0	100	300	10*	0.25	1.0M	100	E	4.0M	T
2N3973 2N3974 2N3975 2N3976 2N3977	S S S S S	N N N N P	2N4400 2N4401 2N4400 2N4401	5-34 5-34 5-34 5-34	MSC MSC MSC MSG CHP	0.36W 0.36W 0.36W 0.36W 0.4W	A A A A A	150 150 150 150 200	60 60 60 60 15	30 30 30 30 10	0 0 0 0 0	35 55 35 55 40	100 200 100 200 5.0M	1.0M 1.0M 1.0M 1.0M 5.0M	0.3 0.3 0.3 0.3 0.1	0.15A 0.15A 0.15A 0.15A 5.0M	100 200 200 200 250	E E E E E	4.0M 4.0M 5.0M 2.0M 1.0M	T T T T T
2N3978 2N3979 2N3980 2N3981 2N3982 2N3983 2N3984 2N3985 2N3986 thru 2N3992 2N3993	S S S S S S S S S	P P N N N N N N N			CHP CHP HSS HSS RFC RFC RFC	0.4W 0.4W 0.8W 0.8W 0.2W 0.2W 0.2W	A A A A A A A	200 200 200 200 150 150 150	25 40 60 50 30 30 30	20 35 30 20 12 12 12	0 0 0 0 0 0 0	30 20 30 40 30 20 20	5.0M 5.0M 0.15A 0.15A 4.0M 4.0M 4.0M	0.15 0.15 0.4 0.4 0.3 0.3 0.3	5.0M 5.0M 0.15A 0.15A 1.0M 1.0M 1.0M	100 100 250M 250M 500M 400M 300M	E E E E E E E	1.0M 1.0M 250M 250M 500M 400M 300M	T T T T T T T	
2N3994 2N3995 2N3996 2N3997 2N3998 2N3999 2N4000 2N4001 2N4002 2N4003 2N4004 2N4005	G S S S S S S S S S S S	P P N N N N N N N N N N	2N2929	9-33	RFA PHS PHS PHS PHS PHS LPA LPA LPA LPA	0.3W 2.0W 2.0W 2.0W 2.0W 1.0W 1.0W 4.0W 4.0W 1.2W 1.2W	A A A A A A A A A A A	100 200 200 200 200 200 200 100 120 100 120	20 100 100 100 100 100 80 100 100 100	12 80 80 80 80 80 80 80 80 80 100	0 0 0 0 0 0 0 0 0 0 0	40 40 80 40 80 30 20 20 20 30 30	2.0M 1.0A 1.0A 1.0A 1.0A 1.0A 0.5A 1.5A 1.5A 1.0A	0.25 0.25 0.25 0.25 0.25 0.3 0.3	1.0A 1.0A 1.0A 1.0A 1.0A 0.5A 0.5A	150 30 30	E E E	0.6G 4.0M 4.0M 4.0M 4.0M 4.0M 3.0M 3.0M 3.0M	T T T T T T B B B	
2N4006 2N4007 2N4008 2N4009 2N4010 2N4011 2N4012 2N4013 2N4014 2N4015 2N4016 2N4017	S S S S S S S S S S S S	P P P P P N N N N P P P			AFA MSA MSA Matched Pair 2N4006 Matched Pair 2N4007 Matched Pair 2N4008 LFA HSS HSS DFA DFA AFA	4.00M 4.00M 4.00M 11.6W 360M 360M 0.4W 0.4W 6.00M	A A A C A A A A A A A A	200 200 200 200 200 200 200 200 200 200 200 200	10 20 35 65 60 80 60 60 60 60 80	6.0 15 30 40 40 50 60 60 60 60 80	0 0 0 4.0 150 150 135 135 100			1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0.25A 0.25A 0.25A 0.25A 0.25A 0.25A 0.25A 0.25A 0.25A	40 30 20 135 135 135	E E E E E E E E E	2.0M 1.5M 1.5M 4.0M 3.0M 3.0M 2.0M 2.0M 4.0M	T T T T T T T T T T T T	
2N4018 2N4019 2N4020 2N4021 2N4022 2N4023 2N4024 2N4025 2N4026 2N4027 2N4028 2N4029	S S S S S S S S S S S S	P P P P P P P P P P P P			AFA AFA DFA DFA DFA DFA DFA DFA AFA AFA AFA AFA	4.00M 4.00M 0.4W 0.4W 0.4W 0.4W 0.4W 0.4W 0.5W 0.5W 0.5W 0.5W	A A A A A A A A A A A A	200 200 200 200 200 200 200 200 200 200 200 200	60 45 45 60 60 60 60 60 60 60 60 80	60 45 60 60 60 60 60 60 60 80 80 80	0 0 0 0 0 0 0 0 0 0 0 0	250 100 250 250 250 100 250 100 40 40 100 100	500 350 500 500 500 300 500 300 120 120 300 300	10* 10* 10* 10* 10* 10* 10* 10* 0.1A 0.1A 0.1A 0.1A	0.25 0.25 0.25 0.25 0.25 0.13 0.13 1.0 0.5 1.0 0.5	1.0M 1.0M 1.0M 1.0M 1.0M 1.0M 1.0M 1.0M 1.0 1.0 1.0 0.5A	100 250 250 100 250 250 200 100 100 100 150 150	E E E E E E E E E E E E	7.0M 5.0M 5.0M 4.0M 5.0M 5.0M 4.0M 5.0M 1.0M 1.0M 1.5M 1.5M	T T T T T T T T T T T T
2N4030 2N4031 2N4032 2N4033 2N4034 2N4035 2N4036 2N4037 2N4040 2N4041 2N4042 2N4043	S S S S S S S S S S S S	P P P P P P P P N N N N			AFA AFA AFA AFA HSS HSS MSS MSS HPA HPA DFA DFA	0.8W 0.8W 0.8W 0.8W 0.36W 0.36W 5.0W 1.0W 17.5W 10W 0.3W 0.3W	A A A A A A A A C C C C	200 200 200 200 200 200 200 200 200 200 200 200	60 80 80 80 40 40 90 60 60 60 60 45	60 80 60 80 40 40 65 40 40 40 60 45	0 0 0 0 0 0 0 0 0 0 0 0	40 40 100 100 70 150 40 50 10 10 200 80	120 120 300 300 200 300 140 250 80 80 600 800	0.1A 0.1A 0.1A 0.1A 1.0M 1.0M 0.15A 0.15A 0.1A 0.1A 10* 10*	1.0 0.5 1.0 0.5 0.13 0.13 2.0 2.0 0.35 0.35	1.0A 0.5A 1.0A 0.5A 1.0M 1.0M 1.0A 0.5A 1.0M 1.0M	150 150	E E E E E E E E E E E E	1.0M 1.0M 1.5M 1.5M 4.0M 4.5M 6.0M 6.0M 4.0M 4.0M 2.0M 1.5M	T T T T T T T T T T T T
2N4044 2N4045 2N4046 2N4047 2N4048 2N4049 2N4050 2N4051 2N4052 2N4053 2N4054 2N4055 2N4056 2N4057 2N4058 2N4059	S S S S S S S S S S S S S S S S	N N N N P P P P P P P P N N N P		8-296 8-296 7-152 7-152 7-152 7-152 7-152 7-152	DFA DFA HSS HSS LPA LPA LPA LPA LPA LPA LPA LPA LDA LDA LPA AFC AFC	0.4W 0.4W 800M 800M 1.70W 1.70W 1.70W 1.70W 1.70W 1.70W 6.25W 6.25W 6.25W 6.25W 0.25W 0.25W	C C A A C C C C C C C C C C C C A	200 200 200 200 110 110 110 110 110 110 150 150 150 150 150 150	60 45 50 80 45 60 75 45 60 60 300 250 200 300 30 30	60 45 30 50 30 45 60 45 60 60 300 250 200 300 30 30	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	200 80 150 150 60 60 60 60 60 30 30 30 30 100 45	600 800 100M 100M 15A 15A 15A 15A 15A 15A 50M 50M 50M 50M 400 660	10* 10* 10M 10M 0.30 0.30 0.30 0.30 0.30 0.30 5.0 5.0 5.0 5.0 0.1M 1.0M	0.35 0.35 1.0M 1.0M 60A 60A 60A 60A 60A 60A 75M 75M 75M 75M 0.7 1.0M	200M 150M 250M 250M 2.0K 2.0K 2.0K 2.0K 2.0K 2.0K 15M 15M 15M 15M	T T T T E E E E E E T T T T E E			