

2N903-2N991

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)	V <sub>Subscript</sub>	h <sub>FE</sub> @ I <sub>C</sub>		V <sub>CE(SAT)</sub> @ I <sub>C</sub>		h <sub>FE</sub>	V <sub>Subscript</sub>	f <sub>T</sub>	V <sub>Subscript</sub>		
						Ref Point				Subscript	(min)	(max)	Units	(volts)	Units	Units	Subscript	Units	Subscript	
2N903	G	N			AFA	150M	A	175	45	30	0			1.0	5.0M	18	E	2.0M	T	
2N904	G	N			AFA	150M	A	175	45	30	0			1.0	5.0M	18	E	8.0M	T	
2N905	G	N			AFA	150M	A	175	45	30	0			1.0	5.0M	36	E	2.0M	T	
2N906	G	N			AFA	150M	A	175	45	30	0			1.0	5.0M	76	E	2.0M	T	
2N907	S	N			RFA	0.15W	A	175	45	30	0	20	55	10M		19	E	12M	T	
2N908	S	N			RFA	0.15W	A	175	45	30	0	45	150	10M		39	E	25M	T	
2N909	S	N	2N2222	8-108	RFA	400M	A	175	60	30	R	110	350	50M	0.5	40	E	50M	T	
2N910	S	N			AFA	500M	A	200	100	80	R	75		10M	0.4	76	E	60M	T	
2N911	S	N			AFA	500M	A	200	100	80	R	35		10M	0.4	36	E	50M	T	
2N912	S	N			AFA	500M	A	200	100	80	R	15		10M	0.4	18	E	40M	T	
2N914	S	N		8-67	HSS	360M	A	200	40	20	R	30	120	10M	0.7		E	300M	T	
2N914A	S	N			HSS	360M	A	200	40	20	R	30	120	10M	0.4		E	300M	T	
2N915	S	N		8-69	RFA	360M	A	200	70	50	0	50	200	10M	1.0	50	E	250M	T	
2N916	S	N		8-71	RFA	360M	A	200	45	25	0	50	200	10M	0.5	50	E	300M	T	
2N916A	S	N			RFA	360M	A	200	45	25	0	50	200	10M	0.5	50	E	300M	T	
2N917	S	N			RFA	200M	A	200	30	15	0	20	200	3.0M	0.5		E	500M	T	
2N917A	S	N			RFA	200M	A	200	30	15	0	20	200	3.0M	0.4		E	600M	T	
2N918	S	N		9-15	RFA	200M	A	200	30	15	0	20		3.0M	0.4		E	600M	T	
2N919	S	N	2N834	8-54	HSS	0.36W	A	200	25	15	0	20	60	10M	0.2		E	200M	T	
2N920	S	N	2N834	8-54	HSS	0.36W	A	200	25	15	0	40	120	10M	0.2		E	200M	T	
2N921	S	N	2N834	8-54	HSS	0.36W	A	200	50	20	0	20	60	10M	0.3		E	200M	T	
2N922	S	N	2N834	8-54	HSS	0.36W	A	200	50	20	0	40	120	10M	0.3		E	200M	T	
2N923	S	P			AFA	0.25W	A	200	40	25	0			0.5	5.0M		E	0.8M	B	
2N924	S	P			AFA	0.25W	A	200	40	25	0			0.5	5.0M		E	0.8M	B	
2N925	S	P			AFA	0.25W	A	200	50	40	0			0.5	5.0M	10	E	0.8M	B	
2N926	S	P			AFA	0.25W	A	200	50	40	0			0.5	5.0M	20	E	0.8M	B	
2N927	S	P			AFA	0.25W	A	200	70	60	0			0.5	5.0M	8.0	E	0.8M	B	
2N928	S	P			AFA	0.25W	A	200	70	60	0			0.5	5.0M	18	E	0.8M	B	
2N929	S	N	8-72		AFA	600M	C	175	45	45	0			1.0	10M	150	E	1.0M	T	
2N929A	S	N	8-72		AFA	0.5W	A	200	60	45	0	40	120	10M*	0.5	10M	60	E	45M	T
2N930	S	N	8-72		AFA	600M	C	175	45	45	0	100	300	10M*	1.0	10M	150	E	1.0M	T
2N930A	S	N	8-72		AFA	0.5W	A	200	60	45	0	100	300	10M*	0.5	10M	150	E	45M	T
2N934	G	P	2N965	8-74	HSS	150M	A	160	50	40	0			40M			E	35M	T	
2N935	S	P			AFA	0.25W	A	160	50	40	0	9.0	22		0.3	5.0M		E		
2N936	S	P			AFA	0.25W	A	160	50	35	0	18	44		0.5	5.0M		E		
2N937	S	P			AFA	0.25W	A	160	50	30	0	36	88		0.6	5.0M		E		
2N938	S	P			AFA	0.25W	A	175	40	35	0				0.3	5.0M	9.0	E	1.0M	B
2N939	S	P			AFA	0.25W	A	175	40	35	0				0.3	5.0M	18	E	2.0M	B
2N940	S	P			AFA	0.25W	A	175	40	35	0				0.3	5.0M	36	E	2.0M	B
2N941	S	P			CHP	0.25W	A	175	25	8	U	10		1.0M		25	E	1.0M	T	
2N942	S	P			CHP	0.25W	A	175	25	8	U	10		1.0M		25	E	1.0M	T	
2N943	S	P			CHP	0.25W	A	175	25	8	U	10		1.0M		25	E	1.0M	T	
2N944	S	P			CHP	0.25W	A	175	40	18	0	10		0.003		25	E	1.0M	B	
2N945	S	P			CHP	0.25W	A	175	50	50	0	10		0.004		25	E	1.0M	B	
2N946	S	P			CHP	0.25W	A	175	80	80	0	10		0.005		25	E	1.0M	B	
2N947	S	N	2N834	8-54	MSA	360M	A	150	20	15	R	20		10M	0.4	5.0M		E	200M	T
2N948																				
Thyristors, see Table on Page 1-154																				
2N951	G	N			HSS	150M	A	100	12	8.0	0	30		30M	0.5	30M		E		
2N955	G	N			HSS	150M	A	100	12	8.0	0	30		30M	0.3	30M		E		
2N955A	G	N	2N2222	8-108	RFA	500M	A	200	75	50	R	100	300	150M	1.5	150M	50	E	70M	T
2N956	G	N	2N2501	8-148	RFA	250M	A	150	40	20	0	45		10M	1.5	10M		E	200M	T
2N957	G	N			HSS	0.25W	C	150	25	15	0	20		10M	0.2	10M		E	200M	T
2N958	S	N			HSS	0.25W	C	150	25	15	0	40		10M	0.2	10M		E	200M	T
2N959	S	N			HSS	0.25W	C	150	25	15	0	40		10M	0.2	10M		E	200M	T
2N960	G	P		8-74	HSS	150M	A	100	15	15	S	20		10M	0.2	10M		E	300M	T
2N961	G	P		8-74	HSS	150M	A	100	12	12	S	20		10M	0.2	10M		E	300M	T
2N962	G	P		8-74	HSS	150M	A	100	12	12	S	20		10M	0.2	10M		E	300M	T
2N963	G	P		8-76	HSS	150M	A	100	12	12	S	20		10M	0.2	10M		E	250M	T
2N964	G	P		8-74	HSS	150M	A	100	15	15	S	40		10M	0.18	10M		E	300M	T
2N964A	G	P		8-74	HSS	150M	A	100	15	15	S	40		10M	0.18	10M		E	300M	T
2N965	G	P		8-74	HSS	150M	A	100	12	12	S	40		10M	0.18	10M		E	300M	T
2N966	G	P		8-74	HSS	150M	A	100	12	12	S	40		10M	0.18	10M		E	300M	T
2N967	G	P		8-76	HSS	150M	A	100	12	12	S	40		10M	0.2	10M		E	250M	T
2N968	G	P		8-85	HSS	150M	A	100	15	15	S	17		10M	0.25	10M		E	300M	T
2N969	G	P		8-85	HSS	150M	A	100	12	12	S	17		10M	0.25	10M		E	300M	T
2N970	G	P		8-85	HSS	150M	A	100	12	12	S	17		10M	0.25	10M		E	300M	T
2N971	G	P		8-85	HSS	150M	A	100	7.0	7.0	S	17		10M	0.25	10M		E	300M	T
2N972	G	P		8-85	HSS	150M	A	100	15	15	S	40		10M	0.25	10M		E	300M	T
2N973	G	P		8-85	HSS	150M	A	100	12	12	S	40		10M	0.25	10M		E	300M	T
2N974	G	P		8-85	HSS	150M	A	100	12	12	S	40		10M	0.25	10M		E	300M	T
2N975	G	P		8-85	HSS	150M	A	100	7.0	7.0	S	40		10M	0.25	10M		E	300M	T
2N976	G	P	2N964	8-74	HSS	100M	A	100	15	10	0	30		20M	0.17	20M		E	249M	T
2N977	G	P	2N964	8-74	HSS	150M	A	100	15	10	0	50		40M	0.2	40M		E	400M	T
2N978	G	P	2N2837	8-161	RFA	330M	A	150	30	20	0	15	60	150M	1.5	150M		E	40M	T
2N979	G	P			HSS	60M	A	100	20	15	0	30		10M	0.25	10M		E	100M	T
2N980	G	P			HSS	60M	A	100	20	12	0	30		10M	0.25	10M		E	100M	T
2N981	S	N			AFA	0.5W	A	200	80	80	0			3.0	10M		E	50M	B	
2N982	G	P			HSS	60M	A	100	20	15	0	50		10M	0.125	10M		E		
2N983	G	P			HSS	60M	A	100	15	15	0	40		10M	0.15	10M		E		
2N984	G	P			HSS	60M	A	100	15	10	0	50		10M	0.18	10M		E		
2N985	G	P		8-88	HSS	150M	A	100	15	7.0	0	40		10M	0.15	10M		E	300M	T
2N986	S	N			SPP	500M	A	200	100	80	R	40						E		
2N987	G	P			RFA	0.1W	A	100	40	40	0	40	250	1.0M		40	E	300M	T	

**THYRISTOR INDEX**

**2N681-2N1601**

TYPE	REPLACEMENT	PAGE NUMBER	I <sub>f</sub> A	V <sub>FOM</sub> /V <sub>ROM</sub> V	T <sub>J</sub> °C	I <sub>GT</sub> mA	V <sub>GT</sub> V
2N681		4-10	25	25	125	40	2.0
2N681A			28	25	125	40	2.0
2N682		4-10	25	50	125	40	2.0
2N682A			28	50	125	40	2.0
2N683		4-10	25	100	125	40	2.0
2N683A			28	100	125	40	2.0
2N684		4-10	25	150	125	40	2.0
2N684A			28	150	125	40	2.0
2N685		4-10	25	200	125	40	2.0
2N685A			28	200	125	40	2.0
2N686		4-10	25	250	125	40	2.0
2N686A			28	250	125	40	2.0
2N687		4-10	25	300	125	40	2.0
2N687A			28	300	125	40	2.0
2N688		4-10	25	400	125	40	2.0
2N688A			28	400	125	40	2.0
2N689		4-10	25	500	125	40	2.0
2N689A			28	500	125	40	2.0
2N690			25	600	125	40	2.0
2N690A			25	600	125	40	2.0
2N691			25	700	125	40	2.0
2N692			25	800	125	40	2.0
2N764*			0.39	30	125	1.0	1.0
2N765*			0.20	60	125	1.0	1.0
2N766*			0.20	100	125	1.0	1.0
2N767*			0.20	200	125	1.0	1.0
2N876			0.35	15	150	0.2	0.8
2N877			0.35	30	150	0.2	0.8
2N878			0.35	60	150	0.2	0.8
2N879			0.35	100	150	0.2	0.8
2N880			0.35	150	150	0.2	0.8
2N881			0.35	200	150	0.2	0.8
2N882			0.35	300	150	0.2	0.8
2N883			0.35	400	150	0.2	0.8
2N884			0.35	15	150	0.02	0.6
2N885			0.35	30	150	0.02	0.6
2N886			0.35	60	150	0.02	0.6
2N887			0.35	100	150	0.02	0.6
2N888			0.35	150	150	0.02	0.6
2N889			0.35	200	150	0.02	0.6
2N890			0.35	300	150	0.02	0.6
2N891			0.35	400	150	0.02	0.6
2N892*			0.250	15	125	0.05	0.70
2N893*			0.250	15	125	0.05	0.70
2N894*			0.250	30/15	125	0.05	0.70
2N895*			0.250	30/15	125	0.05	0.70
2N896*			0.250	60/15	125	0.05	0.70
2N897*			0.250	60/15	125	0.05	0.70
2N898*			0.250	100/15	125	0.05	0.70
2N899*			0.250	100/15	125	0.05	0.70
2N900*			0.250	200/15	125	0.05	0.70
2N901*			0.250	200/15	125	0.05	0.70
2N948			0.26	30	150	0.02	1.0
2N949			0.26	60	150	0.02	1.0
2N950			0.26	100	150	0.02	1.0
2N951			0.26	200	150	0.02	1.0
2N1595		4-13	1.6	50	125	10	3.0
2N1595A			1.6	50	150	2.0	2.0
2N1596		4-13	1.6	100	125	10	3.0
2N1596A			1.6	100	150	2.0	2.0
2N1597		4-13	1.6	200	125	10	3.0
2N1597A			1.6	200	150	2.0	2.0
2N1598		4-13	1.6	300	125	10	3.0
2N1598A			1.6	300	150	2.0	2.0
2N1599		4-13	1.6	400	125	10	3.0
2N1599A			1.6	400	150	2.0	2.0
2N1600	2N4168	4-26	4.0	50	125	10	3.0
2N1600A			4.0	50	125	4.5	3.0
2N1601	2N4169	4-26	4.0	100	125	10	3.0