

# RF POWER SILICON NPN

Item Number	Part Number	Manufacturer	I <sub>c</sub> Max (A)	f <sub>T</sub> (Hz)	V <sub>(BR)CEO</sub> (V)	P <sub>D</sub> Max (W)	h <sub>FE</sub>		I <sub>CBO</sub> Max (A)	t <sub>r</sub> Max (s)	t <sub>f</sub> Max (s)	T <sub>Oper</sub> Max (°C)	Package Style
							Min	Max					
<b>I(C) &lt; 1 A, (Cont'd)</b>													
-	2SC3617	NEC Corp JA	300m	150M	50	2.0	800	3.2k	100n	150n	1.1u	150 J	SOT-89
-	2SC3617	NECElectsinc	300m	150M	50	2.0	800	3.2k	100n	150n	1.1u	150 J	SOT-89
-	2N3500	See Index	300m	150M	150	1.0	40	120	50n			175 S	TO-5
-	2N3501	See Index	300m	150M	150	1.0	100	300	50n			175 S	TO-5
5	MM2259	See Index	300m	150M	175	1.0	50		50n			175 J	TO-5
-	MM2260	See Index	300m	150M	175	1.0	50		50n			175 J	TO-5
-	2SC3954	Sanyo Elect	300m	400M	120	8.0	40	320	0.1u			150	TO-126
-	2SC2053	MitsubiElec	300m	500M	17	600m	10	180	20u			135 J	TO-92
-	2SC3599C	Sanyo Elect	300m	500M	120	1.2	40	80	0.1u			150 J	TO-126
10	2SC3599D	Sanyo Elect	300m	500M	120	1.2	60	120	0.1u			150 J	TO-126
-	2SC3599E	Sanyo Elect	300m	500M	120	1.2	100	200	0.1u			150 J	TO-126
-	2SC3599F	Sanyo Elect	300m	500M	120	1.2	160	320	0.1u			150 J	TO-126
-	2SC3951	Sanyo Elect	300m	600M	70	8.0	40	320	0.1u			150	TO-126
-	2SC3596C	Sanyo Elect	300m	700M	60	1.2	40	80	0.1u			150 J	TO-126
-	2SC3596D	Sanyo Elect	300m	700M	60	1.2	60	120	0.1u			150 J	TO-126
-	2SC3596E	Sanyo Elect	300m	700M	60	1.2	100	200	0.1u			150 J	TO-126
-	2SC3596F	Sanyo Elect	300m	700M	60	1.2	160	320	0.1u			150 J	TO-126
-	LT1739	TRW RF Dvc	300m	900M	100	3.0	15	60	20u			175 J	TO-39
-	2SC1365	NEC Corp JA	300m	1.2G	25	5.0	20	200	100n			175 J	TO-39
20	2SC1252	NEC Corp JA	300m	1.4G	25	5.0	20	200	100n			175 J	TO-39
-	2SC2055	MitsubiElec	300m	1.7G	9.0	500m	10	180	30u			135 J	TO-92
-	2SC1253	NEC Corp JA	300m	1.8G	25	5.0	20	200	100n			175 J	TO-39
-	2SC1251	NEC Corp JA	300m	1.8G	25	7.0	20	200	100n			175 J	SIX-M3
-	BLW89	PhilipsElec	320m	1.2G	30	9.6	10	100	1m			175 J	SIX-8
-	BLW89	NthAmerSemi	320m	1.2G	30	9.6	10	100	1m			175 J	SIX-8
-	40972	Diode Trans	330m	175M	14	3.5			1.0m			175 C	TO-39
-	40972	CrimsonSemi	330m	175M	14	3.5			1.0m			175 C	TO-39
-	40605	SemiconTech	330m	350M	40	1.0			100n			175 J	TO-39
-	40605	Sld St Dvcs	330m	350M	40	1.0			100n			175 J	TO-39
30	40605	NthAmerSemi	330m	350M	40	1.0			100n			175 J	TO-39
-	2N4350	See Index	350m	300M	40	7.0	10	200	100u			175 J	TO-5
-	2N3553	See Index	350m	500M	40	7.0	15	200	1.0m			175 C	TO-39
-	KT919B	V/O Electro	350m	1.3G		5.0			5.0m			150 J	RFMOD
-	SD1132-4	ThmsnCSFEFC	.4	450M	12	2.5	20					175 J	Macro-X
35	SD1132-4	Space Power	.4	450M	12	2.5	20					175 J	Macro-X
-	2SC3019	MitsubiElec	400m	2G	17	0.6		180	500u			135 J	N/A
-	BLV91/SL	PhilipsElec	400m		16	6.0	25		2.5m			175 J	SOT-172D
-	BLX96	PhilipsElec	400m	1.0	27	6.2	20	30				175 J	SIX-8
-	2SC130	Hybrid Semi	400m	160M	50	1.8	20	150	100n			175 J	TO-8
40	MRF227	Motorola	400m	225M	16	5.0	20	200	1.0m			175 S	TO-39
-	MRF227	Diode Trans	400m	225M	16	5.0	20	200	1.0m			175 S	TO-39
-	2SC730	Solid Stinc	400m	500M	40	1.0	10	180	10u			175 J	TO-39
-	2SC730	MitsubiElec	400m	500M	40	1.0	10	180	10u			175 J	TO-39
-	40290	See Index	400m	500M	50	7.0			100u			175 J	TO-39
-	2SC3781	Sanyo Elect	400m	500M	120	15	40	320	0.1u			150	TO-220AB
-	ST8000	SemiconTech	400m	550M	30	1.0	30		20u			175 J	TO-39
-	2N3948	See Index	400m	700M	20	5.0	15		100n			175 S	TO-39
-	MM8000	SemiconTech	400m	700M	30	1.0	30		20u			175 J	TO-39
-	MM8000	NthAmerSemi	400m	700M	30	1.0	30		20u			175 J	TO-39
50	MM8000	Motorola	400m	700M	30	1.0	30		20u			175 J	TO-39
-	MM8001	SemiconTech	400m	700M	30	1.0	30		20u			175 J	TO-39
-	MM8001	NthAmerSemi	400m	700M	30	1.0	30		20u			175 J	TO-39
-	MM8001	Motorola	400m	700M	30	1.0	30		20u			175 J	TO-39
-	ST8001	SemiconTech	400m	700M	30	1.0	30		20u			175 J	TO-39
55	2SC1326	Elec Trans	400m	700M	30	5.0	30		20u			175 J	TO-39
-	40608	See Index	400m	700M	40	3.5	35	120	100u			175 J	TO-39
-	2SC845	Solid Stinc	400m	800M	30	3.5	10	200	1.0u			175 J	TO-5
-	2SC555	Solid Stinc	400m	800M	30	4.0	10		20u			175 J	TO-39
-	2N3866A	See Index	400m	800M	30	5.0	25	200	100u			175 S	TO-39
60	MM8002	SemiconTech	400m	1.0G	30	1.0	30		20u			175 J	TO-39
-	MM8002	NthAmerSemi	400m	1.0G	30	1.0	30		20u			175 J	TO-39
-	ST8002	SemiconTech	400m	1.0G	30	1.0	30		20u			175 J	TO-39
-	BLX91CB	PhilipsElec	400m	1.0G	33	4	10	160				175 J	SIX-8
-	MM8009	NthAmerSemi	400m	1.0G	35	1.0	20		100u			175 J	TO-39
65	MM8009	SemiconTech	400m	1.0G	35	1.0	20		100u			175 J	TO-39
-	2N5947	See Index	400m	1.1G	30	16	25	250	10u			175 S	SIX-8
-	BLX91A	PhilipsElec	400m	1.2G	33	4.0	10	35				175 J	SIX-8
-	2N5108A	See Index	400m	1.2G	55	3.5			10n			175 S	TO-39
-	MRF544	Motorola	400m	1.4G	70	3.5	15		100u			175 J	TO-205AD
70	LT1814	TRW RF Dvc	400m	2.0G	70	5.0	15	45	20u			175 J	SIX-1/4
-	BLV91	PhilipsElec	400m	4.0G	16	4.5	25		2.5m			175 J	SOT-172A1
-	BLT91/SL	PhilipsElec	500m		10	3.0	25		2.5			175 J	SOT-172D
-	BD150	Semelab	500m		220	6.0	20					175 J	TO-39
-	BD150	NthAmerSemi	500m		220	6.0	20					175 J	TO-39
75	MRF229	Motorola	500m	90M	18	5.0	5.0		500u			175 S	TO-9var
-	MRF230	Motorola	500m	90M	18	5.0	5.0		500u			175 S	TO-39
-	BF380	Motorola	500m	90M	180	1.0	25		50n			150 J	SIP-tab
-	BF380-1	Motorola	500m	90M	180	1.0	25		50n			150 J	N/A
-	BF380-5	Motorola	500m	90M	180	1.0	25		50n			150 J	N/A
80	BF381	Motorola	500m	90M	250	1.0	25		50n			150 J	SIP-tab
-	BF381-1	Motorola	500m	90M	250	1.0	25		50n			150 J	N/A
-	BF381-5	Motorola	500m	90M	250	1.0	25		50n			150 J	N/A
-	BF382	Motorola	500m	90M	300	1.0	25		50n			150 J	SIP-tab
-	BF382-1	Motorola	500m	90M	300	1.0	25		50n			150 J	N/A
85	BF382-5	Motorola	500m	90M	300	1.0	25		50n			150 J	N/A
-	2SC236	Hybrid Semi	500m	100M		1.8		17	100p			175 J	TO-8
-	2N2235	Space Power	500m	100M	20	10	40	125	10u			150 C	TO-3
-	2N2235	CrimsonSemi	500m	100M	20	10	40	125	10u		25n	600n	150 C
-	2N2235	SemiconTech	500m	100M	20	10	40	125	10u		25n	600n	150 C
90	SK3264	GE Solid St	500m	100M	40	2.0	75					150 C	TO-39
-	2N697	See Index	500m	100M	40	2.0	40	120	1.0u			135 J	TO-205AD
-	BC302	SGS-Ates	500m	100M	45	6.0	40	240	20n			175 J	TO-39
-	2SC984	Solid Stinc	500m	100M	50	350m	40	320	500n			175 J	TO-1
-	BC301	SGS-Ates	500m	100M	60	6.0	40	240	20n			175 J	TO-39
95	SK3479	GE Solid St	500m	100M	80	1.5	50					175 J	TO-92
-	BC300	SGS-Ates	500m	100M	80	6.0	40	240	20n			175 J	TO-39
-	2SC23	Hybrid Semi	500m	110M	50	13	20	100	5.0u				