

# 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</b>													
-	2SC3424	ToshibaCorp	50m	100M	250	1.5	50		1.0u			150 J	TO-126var
-	TBF869	ToshibaCorp	50m	100M	250	1.6	50		100n			150 J	TO-202
-	TBF871	ToshibaCorp	50m	100M	300	1.6	50		100n			150 J	TO-202
-	2SC1940K	NECElectsInc	50m	120M	120	1.0	200	400	100n			150 J	SPAKvar
5	2SC1940L	NECElectsInc	50m	120M	120	1.0	135	270	100n			150 J	SPAKvar
-	2SC1940M	NECElectsInc	50m	120M	120	1.0	90	180	100n			150 J	SPAKvar
-	2SC2780	NEC Corp JA	50m	120M	140	2.0	90	400	100n			150 J	SOT-89
-	2SC2780	NECElectsInc	50m	120M	140	2.0	90	400	100n			150 J	SOT-89
-	2SC1941K	NECElectsInc	50m	120M	160	1.0	200	400	100n			150 J	SPAKvar
10	2SC1941L	NECElectsInc	50m	120M	160	1.0	135	270	100n			150 J	SPAKvar
-	2SC1941M	NECElectsInc	50m	120M	160	1.0	90	180	100n			150 J	SPAKvar
-	BF179A	NthAmerSemi	50m	120M	160	1.7						175 J	TO-5
-	BF179A	Motorola	50m	120M	160	1.7						175 J	TO-5
-	BF179A	Mistral SpA	50m	120M	160	1.7						175 J	TO-5
15	BF179B	NthAmerSemi	50m	120M	220	1.7						175 J	TO-5
-	BF179B	Motorola	50m	120M	220	1.7						175 J	TO-5
-	BF179B	Mistral SpA	50m	120M	220	1.7						175 J	TO-5
-	BF179C	NthAmerSemi	50m	120M	250	1.7						175 J	TO-5
-	BF179C	Mistral SpA	50m	120M	250	1.7						175 J	TO-5
20	BF179C	Motorola	50m	120M	250	1.7						175 J	TO-5
-	2SD1463	Hitachi Ltd	50m	140M	100	1.0	60	200	10u			150 J	SOT-23
-	MM3002	See Index	50m	150M	200	1.0	20		5.0u			175 J	TO-205AD
-	ST3002	SemiconTech	50m	150M	200	1.0	20		5.0u			175 J	TO-39
25	MM3003	See Index	50m	150M	250	5.0	20		5.0u			175 J	TO-205AD
-	2SC2632	Matsushita	50m	160M	150	1.0	65	450	1.0u			150 J	N/A
-	2SC2633	Matsushita	50m	160M	150	1.5	65	450	1.0u			150 J	TO-220
-	2N706	See Index	50m	200M	15	1.0	20		500n			175 J	TO-206AA
-	2N706A	See Index	50m	200M	15	1.0	20		500n	40n	75n	175 J	TO-206AA
-	2N706B	See Index	50m	200M	15	1.0	20		500n	40n	75n	175 J	TO-206AA
30	2N706C	See Index	50m	200M	15	1.0	20	60	10u			175 J	TO-206AA
-	2SC3423O	ToshibaCorp	50m	200M	150	1.2	80	160	100n			150 J	TO-126var
-	2SC3423Y	ToshibaCorp	50m	200M	150	1.2	120	240	100n			150 J	TO-126var
-	2SC1012	See Index	60m	100M	165	2.5	20		2.0u			175 J	TO-39
35	2SC1012A	See Index	60m	100M	250	2.5	20					175 J	TO-39
-	BF111	NthAmerSemi	80m	120M	200	3.0	20		200n			175 J	TO-39
-	BFR57	See Index	100m	90M	160	5.0	25		50n			175 J	TO-39
-	BF657	SGS-Ates	100m	90M	160	7.0	25		50n			175 J	TO-39
-	BFR58	See Index	100m	90M	250	5.0	25		50n			175 J	TO-39
-	BF658	SGS-Ates	100m	90M	250	7.0	25		50n			175 J	TO-39
40	BFR59	See Index	100m	90M	300	5.0	25		50n			175 J	TO-39
-	BF659	SGS-Ates	100m	90M	300	7.0	25		50n			175 J	TO-39
-	BF297W	Mistral SpA	100m	95M	160	1.2	30	150				150 J	TO-92
-	BF297W2	Mistral SpA	100m	95M	160	1.2	30	150				150 J	TO-92
45	BF298W	Mistral SpA	100m	95M	250	1.2	30	150				150 J	TO-92
-	BF298W2	Mistral SpA	100m	95M	250	1.2	30	150				150 J	TO-92
-	BF299W	Mistral SpA	100m	95M	300	1.2	30	150				150 J	TO-92
-	BF299W2	Mistral SpA	100m	95M	300	1.2	30	150				150 J	TO-92
-	BF456	NthAmerSemi	100m	100M	160	1.2	40					150 J	TO-126var
-	2SC2258	Matsushita	100m	100M	250	1.0	30					150 J	TO-126
50	2SC1566	Elec Trans	100m	100M	250	1.2	40		1.0m			150 J	TO-126
-	2SC1550	Solid Silnc	100m	100M	250	1.0	50	250	100u			150 J	TO-126
-	2SC1550	Elec Trans	100m	100M	250	1.0	50	250	100u			150 J	TO-126
-	2SC996	ToshibaCorp	100m	100M	300	1.2	80		100n			150 J	TO-37
55	2SC996	Solid Silnc	100m	100M	300	1.2	80		100n			150 J	TO-37
-	2SC2637	Matsushita	100m	100M	300	1.4	50	250				150 J	TO-220
-	2SC3271	Rohm Co Ltd	100m	100M	300	5.0	39	180				150 J	TO-126
-	2SC3271	Rohm Corp	100m	100M	300	5.0	39	180				150 J	TO-126
-	2SC3272	Rohm Co Ltd	100m	100M	300	10	39	180				150 J	TO-126
60	2SC3272	Rohm Corp	100m	100M	300	10	39	180				150 J	TO-126
-	2SC1819	Elec Trans	100m	100M	300	15	50	250	100u			150 J	TO-220
-	BF390	NthAmerSemi	100m	120M	310	2.0	20	110				150 J	TO-39
-	BF338	See Index	100m	130M	225	3.0	20	60	100u			175 J	TO-39
65	2SD1609	Hitachi Ltd	100m	140M	160	1.3	60	320	10u			150 J	TO-126var
-	2SD1610	Hitachi Ltd	100m	140M	200	1.3	60	320	10u			150 J	TO-126var
-	2SC3063	Matsushita	100m	140M	300	1.2	50	250	100u			150 J	TO-126var
-	2SC2924	Matsushita	100m	140M	300	1.0	50	250				150 J	DPAK
-	2SC2923	Matsushita	100m	140M	300	1.5	50	250				150 J	TO-202
-	SK3040	GE Solid St	100m	150M	200	1.0	55					175 J	TO-39
70	2SC3502C	Sanyo Elect	100m	150M	200	1.2	40	80	0.1u			150 J	TO-126
-	2SC3502D	Sanyo Elect	100m	150M	200	1.2	60	120	0.1u			150 J	TO-126
-	2SC3502E	Sanyo Elect	100m	150M	200	1.2	100	200	0.1u			150 J	TO-126
-	2SC3502F	Sanyo Elect	100m	150M	200	1.2	160	320	0.1u			150 J	TO-126
-	2SC3788	Sanyo Elect	100m	150M	200	5.0	40	320	0.1u			150	TO-126
75	2SC3503C	Sanyo Elect	100m	150M	300	1.2	40	80	0.1u			150 J	TO-126
-	2SC3503D	Sanyo Elect	100m	150M	300	1.2	60	120	0.1u			150 J	TO-126
-	2SC3503E	Sanyo Elect	100m	150M	300	1.2	100	200	0.1u			150 J	TO-126
-	2SC3503F	Sanyo Elect	100m	150M	300	1.2	160	320	0.1u			150 J	TO-126
-	2SC3790	Sanyo Elect	100m	150M	300	7.0	40	320	0.1u			150	TO-126
-	2SC2682E	NEC Corp JA	100m	180M	180	8	200	400	1u			150 J	TO-126
80	2SC2682P	NEC Corp JA	100m	180M	180	8	160	320	1u			150 J	TO-126
-	2SC2682Q	NEC Corp JA	100m	180M	180	8	100	200	1u			150 J	TO-126
-	2N3298	See Index	100m	200M	15	1.0	80		50u			175 J	TO-18
-	2C746	Semelab	100m	200M	50	1.0	35					175 J	TO-77
85	2N3152	See Index	100m	200M	120	2.5	40		50u			175 S	STR-6
-	2SC1953	Matsushita	100m	200M	150	1.0	65	450	1.0u			150 J	TO-126
-	2N6463	See Index	100m	200M	250	1.0	30	120	50n			175 S	TO-39
-	2N6464	See Index	100m	200M	250	1.0	100	300	50n			175 S	TO-39
-	2N6461	See Index	100m	200M	300	1.0	30	120	50n			175 S	TO-39
-	2N6462	See Index	100m	200M	300	1.0	100	300	50n			175 S	TO-39
90	BF254	See Index	100m	260M	20	1.0	65	220	100n			150 J	TO-226AA
-	BF254-3	Motorola	100m	260M	20	1.0	65	125	100n			150 J	TO-226AA
-	BF254-4	Motorola	100m	260M	20	1.0	100	220	100n			150 J	TO-226AA
-	2SC3955	Sanyo Elect	100m	300M	200	7.0	40	320	0.1u			150	TO-126
95	2SC3600C	Sanyo Elect	100m	400M	200	1.2	40	80	0.1u			150 J	TO-126
-	2SC3600D	Sanyo Elect	100m	400M	200	1.2	60	120	0.1u			150 J	TO-126
-	2SC3600E	Sanyo Elect	100m	400M	200	1.2	100						