

# RF LOW-POWER SILICON NPN

Item Number	Part Number	Manufacturer	V <sub>(BR)CEO</sub> (V)	f <sub>T</sub> (Hz)	h <sub>FE</sub>	I <sub>C</sub> Max (A)	C <sub>obo</sub> Max (F)	I <sub>CBO</sub> Max (A)	t <sub>r</sub> Max (s)	t <sub>f</sub> Max (s)	P <sub>D</sub> Max (W)	T <sub>Oper</sub> Max (°C)	Package Style
<b>V(BR)CEO &lt; 10 V</b>													
-	2N2318	See Index		300M	40		5.0p	1.0u			360m		TO-18
-	2N2320	See Index		300M	40		5.0p	1.0u			600m		TO-5
-	2N3953	See Index		1.3G	40	30m	1.8p	.10u			200m	175 S	TO-72
5	MMT3960	Motorola	3.0	2.0G	100		1.3p	100n	650p	750p	225m	135 J	TO-224AA
-	LBFT24	AmperexElec	5.0	2.3	20	2.5m							TO-122
-	2N5186	See Index	5.0	400M	25	300m	3p	5.0u	25n	25n	300m	175 S	TO-52
-	ST6110	SemiconTech	5.0	500M	20	50m		50n			300m	175 J	TO-18
-	ST6125	SemiconTech	5.0	800M	20		3.0p	50n			300m	175 J	TO-18
-	ST6120	SemiconTech	5.0	1.0G	20	50m		50n			300m	175 J	TO-18
10	MMT807	Motorola	5.0	2.1G	125		340f	10n			225m	135 J	TO-224AA
-	MMT806	Motorola	5.0	2.1G	150		330f	10n			225m	135 J	TO-224AA
-	MMBR931	Motorola	5.0	3.0G	30	5.0m	500f	50n			225m	150 J	SOT-23
-	2N2967	See Index	6.0	400M	20		3.0p	50n	15n	15n	300m	175 J	TO-18
-	2N3010	See Index	6.0	600M	15	50m	3p	10u	12n	15n	300m	175 J	TO-18
15	2N2475	See Index	6.0	600M	20		3.0p	50n	20n	15n	300m	175 S	TO-52var
-	2N709	See Index	6.0	600M	20		3.0p	50n	15n	15n	300m	175 J	TO-18
-	MM1748A	Motorola	6.0	800M	15	150m	3.0p	5.0n	15n	15n	300m	175 J	TO-206AC
-	2N3832	See Index	6.0	800M	20	35m	850f	10n	20n	20n	200m	175 S	TO-72
-	2N709A	See Index	6.0	800M	60		3.0p	5.0n	15n	15n	300m	175 J	TO-18
20	2N2784	See Index	6.0	1.0G	40		3.0p	5.0n	9.0n	9.0n	300m	175 J	TO-18
-	2N3633	See Index	6.0	1.3G	50	50m	2.5p	5.0n	9.0n	9.0n	300m	175 J	TO-18
-	2N2256	See Index	7.0	250M	30	100m	4.0p	10u	7.0n	7.0n	300m	175 J	TO-18
-	2N2257	See Index	7.0	250M	50	100m	4.0p	10u	7.0n	7.0n	300m	175 J	TO-18
-	2N3681	See Index	7.0	1.0G	20	25m	.7p	.01u			200m	175 J	TO-72
-	2SC3011	ToshibaCorp	7.0	6.5G	30	30m	.50p	1.0u			150m	125 J	SOT-89
-	2SC2876	ToshibaCorp	7.5	7.0G	30	80m	.86p	100n			200m	125 J	Macro-X
-	2SC3301	ToshibaCorp	7.5	7.0G	30	80m	1.1p	100n			800m	125 J	SOT-89
-	MRF9331	Motorola	8.0		200	1.0m	0.3p	50n			50m	150 J	TO-253
-	MRF9331L	Motorola	8.0		200	1.0m	0.3p	50n			50m	150 J	TO-253
30	2N2719	See Index	8.0	200M	30	200m	6.0p	1.0u			300m	175 J	TO-18
-	2N3493	See Index	8.0	400M	25	25m	700f	5.0n			150m	175 S	TO-72var
-	MMT3960A	Motorola	8.0	2.0G	30		1.3p	50n	750p	850p	225m	135 J	TO-224AA
-	2SC3029	NEC Corp JA	8	4G	50	5m	0.2p	100n			50m	150 J	Macro-X
<b>V(BR)CEO &gt;= 10 V</b>													
35	2SD1620	Sanyo Elect	10	200M	140	3.0	30p	100n			500m	150 J	SOT-89
-	2SD879	Sanyo Elect	10	200M	210	3.0	30p	1.0u			750m	150	TO-92
-	2SC2821	Hitachi Ltd	10	230M	250	50m					150m		TO-236
-	MPS5134	Motorola	10	250M	20	200m	4.0p	400n	18n	18n	625m	150 J	TO-92
-	PN5134	See Index	10	250M	150	100m	4.0p	400p			625m	150 S	TO-92
40	2N5134	See Index	10	250M	150	100m	4.0p	.40u	12n	13n	200m	125 J	TO-106
-	2N988	See Index	10	300M	20	220m	4.0p	500n			300m	175 J	TO-18
-	2N989	See Index	10	300M	20	220m	3.5p	500n			300m	175 J	TO-18
-	2SC930	Semi Inc	10	300M	80	30m	1.6p	1.0u			120m	125 J	TO-106var
-	2SC930	Advncd Semi	10	300M	80	30m	1.6p	1.0u			120m	125 J	TO-106var
45	2SC930	Solid Silnc	10	300M	80	30m	1.6p	1.0u			120m	125 J	TO-106var
-	2SC929	See Index	10	300M	100	30m	1.6p	1.0u			120m	125 J	TO-106var
-	KT379V	V/O Electro	10	300M	1.0k	30m	8.0p	.05u			250m	100 A	N/A
-	2N3647	See Index	10	350M	20	500m	4.0p	25n	12n	12n	400m	175 S	TO-46
-	ST6130	SemiconTech	10	400M	30		4.0p	50n			360m	175 J	TO-18
50	MMT72	Motorola	10	400M	30	200m	6.0p	100n	20n	20n	225m	135 J	TO-224AA
-	2N5187	See Index	10	400M	30	500m	3.5p	.45u	10n	8.0n	300m	175 S	TO-52
-	MMBR5031	Motorola	10	1.0G	25	20m	1.5p	10n			225m	150 J	SOT-23
-	MM8006	See Index	10	1.0G	25	20m	1.1p	10n			200m	175 J	TO-72
-	MM8007	See Index	10	1.0G	25	20m	1.1p	10n			200m	175 J	TO-72
55	2N5024	Semicoa	10	1.3G	25	15m	1.5p	.10u			200m	175 J	TO-72
-	2N5024	Space Power	10	1.3G	25	15m	1.5p	.10u			200m	175 J	TO-72
-	2N4251	See Index	10	1.3G	32	100m	2p	1.0u	4.0n	8.0n	250m	175 J	TO-46
-	2SC3016	Hitachi Ltd	10	1.4G	90	50m	.93p	500n			150m		TO-236
-	LBFW30	AmperexElec	10	1.6G	25	50m							TO-122
60	LHBFW30	AmperexElec	10	1.6G	25	50m							TO-122var
-	2N5835	See Index	10	2.5G	25	15m	800f	10n			200m	175 S	TO-72
-	2SC2548	ToshibaCorp	10	4.0G	30	30m	.65p	1.0u			250m	125 J	TO-92
-	2SC3583	NEC Corp JA	10	9.0G	50	65m	0.9p	1.0u			200m	150 J	SOT-23
-	2SC3583	NECElectsInc	10	9.0G	50	65m	0.9p	1.0u			200m	150 J	SOT-23
65	2SC3585	NEC Corp JA	10	10G	50	35m	0.8p	1.0u			200m	150 J	SOT-23
-	2SC3585	NECElectsInc	10	10G	50	35m	0.8p	1.0u			200m	150 J	SOT-23
-	2SC4045	Rohm Corp	11	3.2G	27	50m	1.0p				150m		SIP
-	2SC4083	Rohm Co Ltd	11	3.2G	27	50m	0.8p				150m		TO-236var
-	2SC3838K	Rohm Co Ltd	11	3.2G	270	50m	0.8p				150m		SOT-23
-	2SC3838K	Rohm Corp	11	3.2G	270	50m	0.8p				150m		SOT-23
70	2SC4043S	Rohm Co Ltd	11	3.2G	270	50m	0.9p				150m		SPAK
-	2SC4043S	Rohm Corp	11	3.2G	270	50m	0.9p				150m		SPAK
-	2N1682	See Index	12	200M	20		6p	.50u			500m	150 J	TO-5
-	2N1708	See Index	12	200M	20	200m	6.0p	25n			300m	175 A	TO-46
75	2N2205	See Index	12	200M	20	200m	6.0p	25n	40n	75n	300m	175 A	TO-46
-	ZTX310	FerrantiLtd	12	200M	20	500m	6.0p	200n			300m	175 S	TO-92
-	2N3426	See Index	12	200M	20	1	25p	100u	15n	15n	600m	175 J	TO-9var
-	2N2206	See Index	12	200M	40	200m	6.0p	25n	40n	75n	300m	175 A	TO-46
-	2SC395A	ToshibaCorp	12	200M	60	400m	4.0p	1.0u	40n	30n	250m	175 J	TO-18
-	2SC395A	RF Gain	12	200M	60	400m	4.0p	1.0u	40n	30n	250m	175 J	TO-18
80	2SC395A	Elec Trans	12	200M	60	400m	4.0p	1.0u	40n	30n	250m	175 J	TO-18
-	PN5129	CentralSemi	12	200M	350	800m	10p	50n			600m	150 J	TO-92
-	PN5129	Natl Semi	12	200M	350	800m	10p	50n			600m	150 J	TO-92
-	PN5129	FairchildSC	12	200M	350	800m	10p	50n			600m	150 J	TO-92
85	MPS9625	Semi Inc	12	250M	25	50m	1.8p				310m		TO-92
-	K918	Advncd Semi	12	250M	29	50m	1.7p				250m		TO-92
-	K918	Semi Inc	12	250M	29	50m	1.7p				250m		TO-92
-	2N5224	See Index	12	250M	40	200m	4.0p	500n	70n	250n	620m	150 S	TO-92
-	2S512	See Index	12	250M	50		6p	.50u			300m	175 J	TO-18
-	2N851	See Index	12	280M	10	200m	5.0p	1.0u	16n	24n	300m	175 S	Macro-T
90	2N743	See Index	12	280M	20	200m	5.0p	1.0u	16n	24n	300m	175 S	TO-18
-	2N852	See Index	12	280M	20	200m	5.0p	1.0u	16n	24n	300m	175 S	Macro-T
-	2N744	See Index	12	280M	40	200m	5.0p	1.0u	16n	24n	300m	175 S	TO-18
-	BSY17	Hybrid Semi	12	280M	60	200m	2.7p	1.0u	16n	24n	400m	175 J	TO-18
-	BSY17	Advncd Semi	12	280M	60	200m							