

RF LOW-POWER SILICON NPN

Item Number	Part Number	Manufacturer	V _(BR) CEO (V)	f _T (Hz)	h _{FE}	I _C Max (A)	C _{obo} Max (F)	I _{CBO} Max (A)	t _r Max (s)	t _f Max (s)	P _D Max (W)	T _{oper} Max (°C)	Package Style
V_(BR)CEO ≥ 10 V, (Cont'd)													
-	BSY17	NthAmerSemi	12	280M	60	200m	2.7p	1.0u	16n	24n	400m	175 J	TO-18
-	BSY18	NthAmerSemi	12	280M	120	200m	2.7p	1.0u	16n	24n	400m	175 J	TO-18
-	BSY18	Hybrid Semi	12	280M	120	200m	2.7p	1.0u	16n	24n	400m	175 J	TO-18
-	EN744	See Index	12	282M	20	200m	5p	1.0u	16n	24n	200m	125 J	TO-106
5	2N3985	See Index	12	300M		30m	2.2p	100n			200m	150 S	TO-92
-	BF153	See Index	12	300M	20		1.2p	1.0u			200m	125 J	TO-106
-	BSX90	NthAmerSemi	12	300M	20	200m	5p	1.0u	12n	40n	300m	175 J	TO-18
-	BSX90	Motorola	12	300M	20	200m	5p	1.0u	12n	40n	300m	175 J	TO-18
-	BSX90	Hybrid Semi	12	300M	20	200m	5p	1.0u	12n	40n	300m	175 J	TO-18
10	2N4421	Space Power	12	300M	25	200m	5.0p	500n	12n	12n	360m	150 S	TO-92var
-	2N4421	CrimsonSemi	12	300M	25	200m	5.0p	500n	12n	12n	360m	150 S	TO-92var
-	BSX91	Hybrid Semi	12	300M	40	200m	5p	1.0u	12n	45n	300m	175 J	TO-18
-	BSX91	NthAmerSemi	12	300M	40	200m	5p	1.0u	12n	45n	300m	175 J	TO-18
-	BSX91	Motorola	12	300M	40	200m	5p	1.0u	12n	45n	300m	175 J	TO-18
15	2N4265	See Index	12	300M	100	200m	4p	1.0u	15n	15n	310m	135 S	TO-92
-	2S131	Hybrid Semi	12	350M	40	200m	3.5p	1.0u			300m	175 A	TO-18
-	2S131	Genrl Diode	12	350M	40	200m	3.5p	1.0u			300m	175 A	TO-18
-	2S131	SemiconTech	12	350M	40	200m	3.5p	1.0u			300m	175 A	TO-18
-	2SC739	Solid Stlnc	12	350M	60	20m	1.5p	1.0u			150m	125 J	TO-92
20	C111E	NthAmerSemi	12	350M	70		4.5p	.05u	65n	80n	300m	175 S	TO-18
-	2SC429	Solid Stlnc	12	380M	27	10m	2p	1.0u			100m	150 J	Macro-T
-	BSY28	NthAmerSemi	12	380M	34	100m	3.5p	.05u	7.0n	14n	300m	175 J	TO-18
-	BSY28	Hybrid Semi	12	380M	34	100m	3.5p	.05u	7.0n	14n	300m	175 J	TO-18
-	BSY29	NthAmerSemi	12	380M	54	100m	3.5p	.05u	5.0n	13n	300m	175 J	TO-18
25	2N3984	See Index	12	400M		30m	1.6p	100n			200m	150 S	TO-92
-	MPS4274	Motorola	12	400M	4.0	500m	4.0p	10u	12n	12n	200m	125 J	TO-92
-	2N4274	See Index	12	400M	18	100m	4p	100u	7.0n	8.0n	200m	125 J	TO-106
-	BF160	See Index	12	400M	20		1.7p	500m			200m	125 J	TO-106
-	2N3011	See Index	12	400M	30	200m	4p	.40u	15n		360m	175 J	TO-18
30	2N4294	See Index	12	400M	30	200m	5.0p	400n	12n	15n	200m	150 S	TO-92var
-	2N5030	See Index	12	400M	30	200m	4.0p	250n	14n	16n	320m	125 J	TO-98
-	2SC464	Solid Stlnc	12	400M	40	20m	850f	500n			200m	175 J	TO-1(4)
-	2SC464	Intl Device	12	400M	40	20m	850f	500n			200m	175 J	TO-1(4)
-	BSV52	Motorola	12	400M	40	100m	4.0p	100n	12n	18n	225m	150 J	SOT-23
35	BSV52	FerrantiLtd	12	400M	40	100m	4.0p	100n	12n	18n	225m	150 J	SOT-23
-	BSV52	AmperexElec	12	400M	40	100m	4.0p	100n	12n	18n	225m	150 J	SOT-23
-	ZTX312	FerrantiLtd	12	400M	40	500m	4.0p	200n			300m	175 S	TO-92
-	2SC738	Solid Stlnc	12	400M	60	20m	1.5p	1.0u			150m	125 J	TO-92
-	2SC738	MitsubiElec	12	400M	60	20m	1.5p	1.0u			150m	125 J	TO-92
40	PN4274	See Index	12	400M	120	500m	4.0p	500n			600m	150 J	TO-92
-	PN5130	See Index	12	450M	12	50m	1.7p	50n			625m	150 S	TO-92
-	2N5130	See Index	12	450M	15	50m	1.7p	50n			200m	150 J	TO-106
-	2N3303	See Index	12	450M	60	1	15p	.30u	15n	25n	600m	175 J	TO-9var
45	2SC821	Solid Stlnc	12	450M	65	10m	1.5p	100n			150m	150 J	Macro-T
-	2SC763	Solid Stlnc	12	470M	70	20m	1.5p	500n			100m	125 J	TO-92
-	2SC763	MitsubiElec	12	470M	70	20m	1.5p	500n			100m	125 J	TO-92
-	2N3983	See Index	12	500M		30m	1.6p	100n			200m	150 S	TO-92
-	D16G6	GE Solid St	12	500M	20	25m	1.2p	500n			200m	100 J	TO-98
-	TIS62A	Intl Device	12	500M	20	30m	1.3p	100n			500m	150	TO-92var
50	TIS62A	SemiconTech	12	500M	20	30m	1.3p	100n			500m	150	TO-92var
-	TIS63A	Intl Device	12	500M	30	30m	1.3p	100n			500m	150	TO-92var
-	TIS63A	SemiconTech	12	500M	30	30m	1.3p	100n			500m	150	TO-92var
-	TIS64A	SemiconTech	12	500M	50	30m	1.3p	100n			500m	150	TO-92var
-	TIS64A	Intl Device	12	500M	50	30m	1.3p	100n			500m	150	TO-92var
55	ST2130	SemiconTech	12	550M	20		2.0p	500n			200m	175 J	TO-72
-	MPS3563	See Index	12	600M	20	50m	1.7p	50n			625m	150 J	TO-226AA
-	PN3563	See Index	12	600M	20	50m	1.7p	50n			600m	150 J	TO-92
-	2N3563	See Index	12	600M	20	50m	1.7p	50n			200m	125 J	TO-106
-	CS9018	Sun Wai	12	600M	28	100m		50n			310m	135 J	TO-92
60	CS9018	Semi Inc	12	600M	28	100m		50n			310m	135 J	TO-92
-	CS9018	Natl Semi	12	600M	28	100m		50n			310m	135 J	TO-92
-	MT3001	Micro Elecs	12	600M	50		1.4p	200n			100m	150 J	Radial
-	2SC786	RF Gain	12	600M	50	20m	.60p	50u			200m	150 J	TO-72
65	2SC395	Solid Stlnc	12	600M	50	200m	2.4p	1.0u			300m	175 J	TO-18
-	2N3662	See Index	12	700M	20	25m	1.7p	500n			200m	125 S	TO-98
-	2N3663	See Index	12	700M	20	25m	1.7p	500n			200m	125 S	TO-98
-	2N5292	See Index	12	800M	30	100m	4.5p	1n			360m	175 J	TO-18
-	BF152	Advncd Semi	12	800M	50		.80p	.10u			200m	125 J	TO-106
-	BF152	Micro Elecs	12	800M	50		.80p	.10u			200m	125 J	TO-106
70	BF152	Semi Inc	12	800M	50		.80p	.10u			200m	125 J	TO-106
-	BF158	See Index	12	800M	50		.80p	.10u			200m	125 J	TO-106
-	2SC397	RF Gain	12	800M	80	50m	1.9p	.50u			200m	175 J	TO-72
-	MMBR5179	Motorola	12	900M	25	50m	1.0p	20n			225m	150 J	SOT-23
75	MPS5179	Motorola	12	900M	25	50m	1.0p	20n			200m	150 J	TO-226AA
-	2N5179	See Index	12	900M	25	50m	1.0p	20n			200m	175 S	TO-72
-	MT3011	Micro Elecs	12	900M	50		1.4p	500n			100m	150 J	Radial
-	SE3001	See Index	12	900M	50		1.7p	.50u			200m	125 J	TO-106
-	SE3002	See Index	12	900M	50		1.7p	.50u			200m	125 J	TO-106
-	ME3011	Semi Inc	12	900M	50	100m	1.4p	500n			200m	150 J	TO-106
80	2SC387	Solid Stlnc	12	900M	100	50m	1.9p	500n			200m	125 J	TO-98var
-	PN5179	Natl Semi	12	900M	250	25m	1.0	2.0n			600m	150 J	TO-92
-	PN5179	CentralSemi	12	900M	250	25m	1.0	2.0n			600m	150 J	TO-92
-	PN5179	Solid Stlnc	12	900M	250	25m	1.0	2.0n			600m	150 J	TO-92
-	MMBT5179	Natl Semi	12	900M	300		1.0p	20n					TO-236var
85	ST2110	SemiconTech	12	950M	20		2.0p	500n			200m	175 J	TO-18
-	MMT74	Motorola	12	1.0G	25	40m	1.0p	100n			225m	135 J	TO-224AA
-	2N6389	See Index	12	1.0G	25	40m	550f	20n			200m	175 S	TO-72
-	2N3683	See Index	12	1.0G	30	30m	2.0p	50n			200m	175 S	TO-72
-	MPS6595	Motorola	12	2.0G	110		900f	100n	3.3n	3.6n	625m	150 J	TO-92
90	BFW99	NthAmerSemi	12	3.0G	25	20m	1.1p	50n			200m	175 J	TO-72
-	2SC2844	ToshibaCorp	12	4.0G	20	120m	1.1p	1.0u			500m	125 J	TO-92
-	2SC1988	NEC Corp JA	12	4.5G	20	70m	0.6p	1u			350m	175 J	TO-206AD
-	BFR93	See Index	12	4.5G	25	25m	700f	50n			200m	125 J	SOT-23
95	2SC3126	Hitachi Ltd	12	4.5G	30	50m	0.9p	0.5u			200m	150 J	Macro-X
-	2SC3127	Hitachi Ltd	12	4.5G	30	50m	0.9p	0.5u			150m	150 J	TO-236
-	2SC3128	Hitachi Ltd	12	4.5G	30	50m	0.9p	0.5u			350m		TO-92
-	2SC3510	Hitachi Ltd	12	4.5G	30	50m	0.9p	0.5u			600m		TO-92