

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 ≥ 70 V, (Cont'd)													
-	2N4961	See Index	80	250M	60	1.0	15p	10n	125n	250n	500m	175 J	TO-39
-	2N4963	See Index	80	250M	60	1.0	15p	10n	125n	250n	500m	175 J	TO-18
-	2N3723	See Index	80	300M	25	500m	9p	50u	70n	50n	800m	175 J	TO-5
-	2SC1218	Solid Stlnc	80	300M	80	500m	6.0p	100n	50n	300n	750m	175 J	TO-39
5	2SC1218	NEC Corp JA	80	300M	80	500m	6.0p	100n	50n	300n	750m	175 J	TO-39
-	JC546	PhilipsElec	80	300M	90	100m		15n			500m	150 J	TO-92
-	SE6021	CentralSemi	80	400M	120	1	11p	.10u	150n	1.0u	300m	125 J	TO-5
-	BSS84R	See Index	80	600M	60	100m	3.4p	200n			200m	150 J	SOT-89
-	TMPT3798A	SprgueElec	90	100M	150	1.0m	4.0p	10n			350m	150 J	TO-236
10	BFY45	NthAmerSemi	90	200M	60	30m	3.5p	.10u			600m	175 J	TO-5
-	BF110	NthAmerSemi	90	200M	60	30m	3.5p	1.5u			600m	175 J	TO-5
-	2SC1890	Hitachi Ltd	90	200M	250	50m					300m		TO-92
-	2SC1775	Hitachi Ltd	90	200M	400	50m					300m		TO-92
-	2SC2853	Hitachi Ltd	90	310M	250	100m					400m		TO-92
15	2SC2855	Hitachi Ltd	90	310M	250	100m					400m		TO-92
V(BR)CEO ≥ 100 V													
-	BFT37A	Semelab	100	100M	50	5.0					1.0		TO-39
-	SG251	Semi Ltd	100	200M	50	200m	4.0p	100n			200m		TO-106
-	SG252	Semi Ltd	100	200M	100	200m	4.0p	100n			200m		TO-106
-	2SD755	Hitachi Ltd	100	350M	250	50m					750m		TO-92
20	2SC507	Semi Inc	120	200M	70	80m	5.0p	1.0u			750m	175 J	TO-39
-	2SC507	Advncd Semi	120	200M	70	80m	5.0p	1.0u			750m	175 J	TO-39
-	2SC507	ToshibaCorp	120	200M	70	80m	5.0p	1.0u			750m	175 J	TO-39
-	2SC1890A	Hitachi Ltd	120	200M	250	50m					300m		TO-92
-	2SC3245E	MitsubiElec	120	200M	300	100m	2.3p	100n			900m	150 J	MicroTO-92
25	2SC1775A	Hitachi Ltd	120	200M	400	50m					300m		TO-92
-	2SC3245F	MitsubiElec	120	200M	500	100m	2.3p	100n			900m	150 J	MicroTO-92
-	2SC3245G	MitsubiElec	120	200M	800	100m	2.3p	100n			900m	150 J	MicroTO-92
-	2SD958	Matsushita	120	200M	1.0k	20m		0.1u			400m	135 J	SIP
-	SML2182	Semelab	120	200M	1.0k	50m	1.6p	0.5u			360m	125 J	TO-92
30	2SC2854	Hitachi Ltd	120	310M	250	100m					400m		TO-92
-	2SC2856	Hitachi Ltd	120	310M	250	100m					400m		TO-92
-	2SD756	Hitachi Ltd	120	350M	250	50m					750m		TO-92
-	2N5184	See Index	120	3.0G	10	50m	3.5p				500m	175 S	TO-104
-	SG271	Semi Ltd	140	200M	50	200m	4.0p	100n			200m		TO-106
35	SG272	Semi Ltd	140	200M	100	200m	4.0p	100n			200m		TO-106
-	2SD756A	Hitachi Ltd	140	350M	250	50m					750m		TO-92
-	2SC2705	ToshibaCorp	150	200M	80	50m	1.8p	100n			800m	150 J	TO-92
-	2SC1885	Elec Trans	150	200M	150	100m	3.0p	1.0u			750m	135 J	TO-92var
40	2SC2705O	Indust Mexi	150	200M	160	50m	2.5p				800m		TO-92
-	2SC2705Y	Indust Mexi	150	200M	240	50m	2.5p				800m		TO-92
-	2SC3245AE	MitsubiElec	150	200M	300	100m	2.3p	100n			900m	150 J	MicroTO-92
-	2SC3245AF	MitsubiElec	150	200M	500	100m	2.3p	100n			900m	150 J	MicroTO-92
-	2SC526	Elec Trans	150	250M	20	55m	3.5p	2.0u			750m	175 J	TO-5
45	2SC526	Advncd Semi	150	250M	20	55m	3.5p	2.0u			750m	175 J	TO-5
-	2SC526	Semi Inc	150	250M	20	55m	3.5p	2.0u			750m	175 J	TO-5
-	2SC1217	NEC Corp JA	150	250M	70	300m	6.0p	100n	110n	420n	750m	175 J	TO-39
-	2N6221	See Index	150	1.0G	20	50m	5.0p	10u	500n	5.0u	500m	150 J	TO-92var
V(BR)CEO ≥ 200 V													
-	2N6220	See Index	200	1.0G	20	50m	5.0p	1.0u	500n	5.0u	500m	150 S	TO-92var
50	A5T5059	SemiconTech	250	300M	30	150m	10p	50n			800m	150 S	TO-92var
-	2N6219	See Index	250	1.0G	20	50m	5.0p	1.0u	500n	5.0u	500m	150 J	TO-92var
-	A5T5058	Solid Stlnc	300	300M	35	150m	10p	50n			800m	150 S	TO-92var
-	A5T5058	SemiconTech	300	300M	35	150m	10p	50n			800m	150 S	TO-92var
-	2N6218	See Index	300	1.0G	20	50m	5.0p	500u	500n	5.0u	500m	150 J	TO-92var
Additional Transistors													
55	2SC206	Solid Stlnc		200M	35	25m	1.5p	2.0u			200m	175 J	TO-72
-	BSX53	NthAmerSemi		200M	50		5.0p		50n	50n	150m	175 A	TO-18
-	BSX54	NthAmerSemi		200M	50		5.0p		50n	50n	150m	175 A	TO-18
-	BSX79	NthAmerSemi		200M	50		5.0p		50n	50n	360m	175 A	TO-18
-	2SC715	Solid Stlnc		200M	80	100m	3.0p	1.0u	70n	60n	125m	125 J	TO-106var
60	2SC614	RF Gain		200M	80	1.5	12p	1.0u			7.5	150 J	TO-39
-	2SC614	Solid Stlnc		200M	80	1.5	12p	1.0u			7.5	150 J	TO-39
-	2SC615	Solid Stlnc		200M	80	1.5	12p	1.0u			7.5	150 J	TO-39
-	2SC615	RF Gain		200M	80	1.5	12p	1.0u			7.5	150 J	TO-39
-	2SC645	Solid Stlnc		200M	100	30m	1.5p	1.0u			140m	175 J	Can
65	2SC645	Elec Trans		200M	100	30m	1.5p	1.0u			140m	175 J	Can
-	2SC536	See Index		230M	120	100m	3.0p	1.0u			200m	125 J	TO-106var
-	2SC537	See Index		230M	120	100m	3.0p	1.0u			200m	125 J	TO-106var
-	2SC111	Solid Stlnc		240M	50	300m	6.0p	10u			750m		TO-5
-	MPS6569	See Index		300M			.5p				310m	135 J	TO-92
70	MPS6570	See Index		300M			.5p				310m	135 J	TO-92
-	2SC238	RF Gain		300M	80	100m	5.0p	.10u			500m	150 J	TO-5
-	2SC1216	Solid Stlnc		300M	140		6.0p		12n	19n	300m	150 J	TO-18
-	2SC1216	NEC Corp JA		300M	140		6.0p		12n	19n	300m	150 J	TO-18
-	2SC285	RF Gain		320M	60	200m	3.5p	.10u			500m	150 J	TO-5
75	BFR11	Semi Inc		350M	40		5.0p		60n		400m	175 J	TO-18
-	BFR11	Micro Elecs		350M	40		5.0p		60n		400m	175 J	TO-18
-	BFR11	Advncd Semi		350M	40		5.0p		60n		400m	175 J	TO-18
-	2SC772	Solid Stlnc		350M	45	30m	1.5p	1.0u	150n	150n	120m	125 J	TO-106var
-	BSV59	SGS-Ates		350M	50		10p		40n	40n	360m	175	TO-18
80	2SC52	RF Gain		350M	50	100m	4.0p	30n	50n	50n	500m	150 J	TO-5
-	BFR10	Semi Inc		350M	60		5.0p		60n		800m	175 J	TO-39
-	BFR10	Micro Elecs		350M	60		5.0p		60n		800m	175 J	TO-39
-	BFR10	Advncd Semi		350M	60		5.0p		60n		800m	175 J	TO-39
-	2SC203	RF Gain		350M	60	200m	4.0p	.02u			350m	175 J	TO-18
85	2N913	See Index		350M	75		6.0p	.05u			360m	175 J	TO-18
-	BSV95	NthAmerSemi		400M	20		4.8p		35n		800m	175 J	TO-39
-	2N5182	See Index		400M	27	4.0m	.34p	.03u			180m	175 S	TO-104
-	2N5181	See Index		400M	27	50m	.32p	.02u			180m	175 S	TO-104