

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 >= 50 V, (Cont'd)													
-	UPI2222B	UPI Semi	40	300M	50	800m	3.0p	14m			500m	100 J	TO-18
-	PN3947	Rohm Corp	40	300M	60	200m	4.0p	10n	35n	50n	500m	150 J	TO-92
-	PN3947	CentralSemi	40	300M	60	200m	4.0p	10n	35n	50n	500m	150 J	TO-92
-	PN3947	Rohm Co Ltd	40	300M	60	200m	4.0p	10n	35n	50n	500m	150 J	TO-92
5	BSX32	See Index	40	300M	60	1.0	10p	4.0u	60n	60n	800m	175 J	TO-205AD
-	2N6375	See Index	40	300M	60	1.5	10p	200n	10n	10n	580m	175 S	TO-18
-	BSR17R	PhilipsElec	40	300M	70	200m	4.0p	5.0u			350m	175 J	SOT-89
-	SMBT3904	Siemens Akt	40	300M	70	200m	4.0p		35n	50n	330m	150 J	TO-236
-	SOR3904 (A)	ThmsnCSFEFC	40	300M	70	200m		50n	35n	50n	200m	150 J	TO-236
-	P2N2222A	Motorola	40	300M	75	600m	8.0p	10n	25n	60n	625m	150 J	TO-226AA
-	NT2222A	NEC Corp JA	40	300M	75	800m	8.0p	10n	25n	60n	625m	150 J	TO-92
-	BC185	See Index	40	300M	90	500m	8.0p	20u			700m	175	TO-5
-	SO3904	ThmsnCSFEFC	40	300M	100		4.0p				200m	150 J	TO-236
-	TL2222A	ThmsnCSFEFC	40	300M	100		8.0p	10n					TO-105
15	TMPT3904	SprgueElec	40	300M	100	10m	4.0p				350m	150 J	TO-236
-	BSS67	FerrantiLtd	40	300M	100	100m	4.0p	50n	35n	50n	300m	175	SOT-89
-	BSS67R	FerrantiLtd	40	300M	100	100m	4.0p	50n	35n	50n	300m	175 J	SOT-89
-	TP5381	SprgueElec	40	300M	100	100m	4.0p	50n	35n	50n		150 J	TO-92var
-	A5T3904	SemiconTech	40	300M	100	200m	4.0p	50n	35n	50n	360m	150 S	TO-92var
20	EN3904	SemiconTech	40	300M	100	200m	4.0p	50n	35n	50n	310m	135 J	TO-106
-	EN3904	CentralSemi	40	300M	100	200m	4.0p	50n	35n	50n	310m	135 J	TO-106
-	MMBT3904	See Index	40	300M	100	200m	4.0p	50n	35n	50n	225m	150 J	SOT-23
-	MMT3904	Motorola	40	300M	100	200m	4.0p	50n	13n	11n	225m	150 J	TO-224AA
25	MM3904	CrimsonSemi	40	300M	100	200m	5.0p	50n	35n	50n	200m	175 J	TO-206AC
-	MM3904	SemiconTech	40	300M	100	200m	5.0p	50n	35n	50n	200m	175 J	TO-206AC
-	MM3904	Motorola	40	300M	100	200m	5.0p	50n	35n	50n	200m	175 J	TO-206AC
-	NS3904	Solid Stinc	40	300M	100	200m	4.0p	50n	35n	50n	360m	175 S	TO-18
-	NTM3904	NECElecsinc	40	300M	100	200m	4.0p	50n	35n	50n	200m	150 J	SOT-23
-	NTM3904	NEC Corp JA	40	300M	100	200m	4.0p	50n	35n	50n	200m	150 J	SOT-23
30	PET3904	SemiconTech	40	300M	100	200m	4.0p	50m			360m	125 J	TO-106
-	PXT3904	AmperexElec	40	300M	100	200m	4.0p	50n	35n	50n	1.0	150 J	SOT-23
-	PXT3904	PhilipsElec	40	300M	100	200m	4.0p	50n	35n	50n	1.0	150 J	SOT-23
-	YTS3904	ToshibaAmer	40	300M	100	200m	4.0p	50n	35n	50n	620m	150 J	SOT-23
35	2N3904	See Index	40	300M	100	200m	4.0p	50n	35n	50n	350m	150 J	TO-92
-	2N3947	See Index	40	300M	100	200m	4p	10n	300n	75n	360m	175 J	TO-18
-	2N5381	See Index	40	300M	100	200m	4.0p	50n	35n	50n	500m	150 J	TO-92
-	TP2219A	SprgueElec	40	300M	100	500m	8.0p	10n	25n	60n			TO-226
-	SO2222A	ThmsnCSFEFC	40	300M	100	0.8	8.0p				250m	150 J	TO-236
-	BSR14R	AmperexElec	40	300M	100	800m		10n	25n	60n	220m	150 J	TO-236
40	BSR14R	PhilipsElec	40	300M	100	800m		10n	25n	60n	220m	150 J	TO-236
-	NTM2222A	NEC Corp JA	40	300M	100	800m	8.0p	10n	25n	60n	200m	150 J	SOT-23
-	NTM2222A	NECElecsinc	40	300M	100	800m	8.0p	10n	25n	60n	200m	150 J	SOT-23
-	2SC2109	NECElecsinc	40	300M	160	200m	3.5p	100n	45n	250n	300m	150 J	TO-92
45	2NL3904	AmperexElec	40	300M	300	100m							TO-122
-	MPS2222AS	FerrantiLtd	40	300M	300	800m	8.0p	10n	25n	60n	0.5	175 J	TO-92var
-	MD7003F	Motorola	40	300M	350	50m	3.0p	100n			350m	175 J	SO
-	MD7003F	CrimsonSemi	40	300M	350	50m	3.0p	100n			350m	175 J	SO
-	GES2222A	GE Solid St	40	325M	100	400m	3.5p	10n	35n	285n	360m	150 J	TO-92
-	2N6010	See Index	40	330M	65	800m	10p	10n	25n	100n	500m	150 J	TO-92var
50	2N3014	See Index	40	350M	25	200m	5.0p	300m	16n		360m	175 J	TO-18
-	2N6004	See Index	40	350M	70	500m	6.0p	10n	15n	70n	400m	125 J	TO-92var
-	2SC781	Solid Stinc	40	350M	80	1	11p	1.0u			800m	175 J	TO-5
-	2SC781	Elec Trans	40	350M	80	1	11p	1.0u			800m	175 J	TO-5
55	2N3828	See Index	40	360M	30	100m	5.0p	100n			300m	150 S	TO-92
-	BF841	Siemens Akt	40	380M	35	25m	0.3p	100n			280m	150 J	SOT-23
-	BF841	PhilipsElec	40	380M	35	25m	0.3p	100n			280m	150 J	SOT-23
-	BF841	AmperexElec	40	380M	35	25m	0.3p	100n			280m	150 J	SOT-23
-	BF840	AmperexElec	40	380M	65	25m	0.3p	100n			280m	150 J	SOT-23
-	BF840	Siemens Akt	40	380M	65	25m	0.3p	100n			280m	150 J	SOT-23
60	BF840	PhilipsElec	40	380M	65	25m	0.3p	100n			280m	150 J	SOT-23
-	TL6531	ThmsnCSFEFC	40	390M	60		5.0p	50n					TO-105
-	BF252	NthAmerSemi	40	400M	30			100n			150m	175 J	TO-72
65	2N3688	See Index	40	400M	30	30m	1.6p	50u			200m	125 J	TO-106
-	2N3689	See Index	40	400M	30	30m	1.6p	50u			200m	125 J	TO-106
-	2N3690	See Index	40	400M	30	30m	1.6p	50u			200m	125 J	TO-106
-	2N3337	See Index	40	400M	30	50m	1.6p	25n			300m	175 J	TO-72
-	2N3338	See Index	40	400M	30	50m	1.6p	25n			300m	175 J	TO-72
-	2N3339	See Index	40	400M	30	50m	1.6p	25n			300m	175 J	TO-72
-	2SC2215	ToshibaCorp	40	400M	30	50m		100n			250m	125 J	TO-92
70	2SC382TM-BL	Indust Mexi	40	400M	30	50m					250m		TO-92
-	2SC382TM-V	Indust Mexi	40	400M	30	50m					250m		TO-92
-	2SC382TM-W	Indust Mexi	40	400M	30	50m					250m		TO-92
-	BF241	See Index	40	400M	35	25m	340f	100n			250m	135 J	TO-226AA
75	2N2217A	Solid Stinc	40	400M	40		4.0p	.01u			800m	175 J	TO-5
-	2N2217A	Space Power	40	400M	40		4.0p	.01u			800m	175 J	TO-5
-	2N2217A	Hybrid Semi	40	400M	40		4.0p	.01u			800m	175 J	TO-5
-	2N2220A	See Index	40	400M	40		4.0p	.01u			500m	175 J	TO-18
-	BSY34	Hybrid Semi	40	400M	42	600m	4.5p	70n	30n	50n	800m	175 J	TO-39
-	BSY34	NthAmerSemi	40	400M	42	600m	4.5p	70n	30n	50n	800m	175 J	TO-39
80	BFW68	See Index	40	400M	50		3.0p	.01u	30n	240n	360m	175 J	TO-18
-	BF225	NthAmerSemi	40	400M	75			.10u			360m	150 S	TO-92var
-	BF225	Semelab	40	400M	75			.10u			360m	150 S	TO-92var
85	HSE424	Hybrid Semi	40	400M	80			500n			310m	125 J	TO-92
-	2SC67	Hybrid Semi	40	400M	80	200m		.10u	20n	40n	360m	175 J	TO-18
-	2SC2720	NEC Corp JA	40	400M	150	500m	3.5p	100n	35n	275n	600m		TO-92
-	2N6012	See Index	40	420M	155	800m	10p	10n	25n	150n	500m	150 J	TO-92var
-	BF240	See Index	40	430M	65	25m	340f	100n			250m	135 J	TO-226AA
-	2SC998	ToshibaCorp	40	450M	50	400m	10p	2.0u			600m	175 J	TO-39
-	2SC998	RF Gain	40	450M	50	400m	10p	2.0u			600m	175 J	TO-39
90	2N6006	See Index	40	450M	175	500m	6.0p	10n	15n	110n	400m	125 J	TO-92var
-	2N5769	See Index	40	500M	20	200m	4.0p	10u	12n	18n	625m	150 S	TO-92
-	EN2369A	See Index	40	500M	40	200m	4p	.40u	12n	18n	200m	125 J	TO