

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 _r Max (s)	P _D Max (W)	T _{Oper} Max (°C)	Package Style	
V(BR)CEO >= 50 V, (Cont'd)														
-	PN2221A	See Index	40	250M	25	800m	8.0p	10n			600m	150 J	TO-92	
-	2N2218A	See Index	40	250M	25	800m	8.0p	10n	25n	60n	800m	175 J	TO-39	
-	HSE164	Hybrid Semi	40	250M	30			5.0u			800m	150 J	TO-5	
-	SOR3903 (A)	ThmsnCSFEFC	40	250M	35	200m		50n	35n	50n	200m	150 J	TO-236	
5	2N2224	See Index	40	250M	35	500m	8.0p	10n			800m	175 J	TO-5	
-	SOR2222A (A)	ThmsnCSFEFC	40	250M	35	800m		30n	25n	60n	310m	150 J	TO-236	
-	BFX17	Semelab	40	250M	35	1.0	12p	2.0u			800m	175 J	TO-5	
-	BFX17	SGS-Ates	40	250M	35	1.0	12p	2.0u			800m	175 J	TO-5	
-	BFX17	NthAmerSemi	40	250M	35	1.0	12p	2.0u			800m	175 J	TO-5	
10	MM1613	SemiconTech	40	250M	40		6.0p	50n	26n	70n	800m	175 J	TO-5	
-	MM2613	SemiconTech	40	250M	40		6.0p	50n	26n	70n	500m	175 J	TO-18	
-	BSS79B	Siemens Akt	40	250M	40	100m	6.0p	10n	10n	60n	225m	150 J	SOT-23	
-	BSS79B	Motorola	40	250M	40	100m	6.0p	10n	10n	60n	225m	150 J	SOT-23	
-	BSS79B	FerrantiLtd	40	250M	40	100m	6.0p	10n	10n	60n	225m	150 J	SOT-23	
15	TMPT2221A	SprgueElec	40	250M	40	150m	8.0p	10n			350m	150 J	TO-236	
-	BSW84	NthAmerSemi	40	250M	40	500m	8.0p	10n			500m	175 J	TO-18	
-	TP2218A	SprgueElec	40	250M	40	500m	8.0p	10n	25n	60n			TO-226	
-	TP2221A	SprgueElec	40	250M	40	500m	8.0p	10n	25n	60n	500m		TO-226	
-	MMBT4401	Natl Semi	40	250M	40	600m	6.5p	100n	20n	30n	225m	150 J	SOT-23	
20	MMBT4401	Motorola	40	250M	40	600m	6.5p	100n	20n	30n	225m	150 J	SOT-23	
-	MMBT4401	Samsung	40	250M	40	600m	6.5p	100n	20n	30n	225m	150 J	SOT-23	
-	2N4401	See Index	40	250M	40	600m	6.5p	100n	20n	30n	350m	150 J	TO-92	
-	TIS111	SemiconTech	40	250M	40	800m	6.5p	100n	20n	60n	360m	150 S	TO-92var	
-	TIS111	Semi Inc	40	250M	40	800m	6.5p	100n	20n	60n	360m	150 S	TO-92var	
25	2N2221A	See Index	40	250M	40	800m	8.0p	10n	25n	60n	500m	175 J	TO-18	
-	HSE134	Hybrid Semi	40	250M	50			100n			600m	150 J	TO-5	
-	HSE218	Hybrid Semi	40	250M	50			100n			500m	150 J	TO-18	
-	SO3903	ThmsnCSFEFC	40	250M	50		4.0p				200m	150 J	TO-236	
-	BSS66	FerrantiLtd	40	250M	50	100m	4.0p	50n	35n	50n	300m	175	SOT-89	
30	BSS66R	FerrantiLtd	40	250M	50	100m	4.0p	50n	35n	50n	300m	175 J	SOT-89	
-	TP5380	SprgueElec	40	250M	50	100m	4.0p	50n	35n	50n			TO-92var	
-	AST3903	SemiconTech	40	250M	50	200m	4.0p	50n	35n	50n	360m	150 S	TO-92var	
-	EN3903	SemiconTech	40	250M	50	200m	4.0p	50n	35n	50n	310m	135 J	TO-106	
-	EN3903	CentralSemi	40	250M	50	200m	4.0p	50n	35n	50n	310m	135 J	TO-106	
35	MMT3903	Motorola	40	250M	50	200m	4.0p	50n			225m	150 J	TO-224AA	
-	MM3903	CrimsonSemi	40	250M	50	200m	5.0p	50n	35n	50n	200m	175 J	TO-206AC	
-	MM3903	SemiconTech	40	250M	50	200m	5.0p	50n	35n	50n	200m	175 J	TO-206AC	
-	MM3903	Motorola	40	250M	50	200m	5.0p	50n	35n	50n	200m	175 J	TO-206AC	
-	NS3903	Solid Stinc	40	250M	50	200m	4.0p	50n	35n	50n	360m	175 S	TO-18	
40	PET3903	SemiconTech	40	250M	50	200m	4.0p	500m			360m	125 J	TO-106	
-	YTS3903	ToshibaAmer	40	250M	50	200m	4.0p	50n	35n	50n	620m	150 J	SOT-23	
-	2N3903	See Index	40	250M	50	200m	4.0p	50n	35n	50n	350m	150 J	TO-92	
-	2N3946	See Index	40	250M	50	200m	4p	10n	300n	75n	360m	175 J	TO-18	
-	2N5380	See Index	40	250M	50	200m	4.0p	50n	35n	50n	360m	150 J	TO-92var	
45	2N5845A	See Index	40	250M	50	600m	9.0p	500n	25n	27n	625m	150 J	TO-92	
-	PN2219A	See Index	40	250M	75	800m	8.0p	10n			625m	150 J	TO-92	
-	2SC307	MitsubiElec	40	250M	85	500m	10p	10n	150n	150n	570m	150 J	TO-39	
-	MPS6531	See Index	40	250M	90	500m	5.0p	50n			350m	150 J	TO-226AA	
-	2SC1957	NEC Corp JA	40	250M	90	1.0	14p	1.0u			750m	150 J	TO-126var	
50	2SC1957	Solid Stinc	40	250M	90	1.0	14p	1.0u			750m	150 J	TO-126var	
-	TMPT4401	SprgueElec	40	250M	100		6.5p	100n					N/A	
-	BSS79C	FerrantiLtd	40	250M	100	100m	8.0p	10n	10n	60n	225m	150 J	SOT-23	
-	BSS79C	Siemens Akt	40	250M	100	100m	8.0p	10n	10n	60n	225m	150 J	SOT-23	
-	BSS79C	Motorola	40	250M	100	100m	8.0p	10n	10n	60n	225m	150 J	SOT-23	
55	TMPT2222A	SprgueElec	40	250M	100	150m	8.0p	10n			350m	150 J	TO-236	
-	MMST3904	Rohm Co Ltd	40	250M	100	200m	4.0p						SOT-23	
-	MMST3904	Rohm Corp	40	250M	100	200m	4.0p						SOT-23	
-	BSW85	NthAmerSemi	40	250M	100	500m	8.0p	10n			500m	175 J	TO-18	
-	MMST2222A	Rohm Co Ltd	40	250M	100	600m	8.0p						SOT-23	
60	MMST2222A	Rohm Corp	40	250M	100	600m	8.0p						SOT-23	
-	MMST4401	Rohm Corp	40	250M	100	600m	6.5p						SOT-23	
-	MMST4401	Rohm Co Ltd	40	250M	100	600m	6.5p						SOT-23	
-	YTS4401	ToshibaAmer	40	250M	100	600m	6.5p	100n	25n	60n	625m	150 J	SOT-23	
-	HSE220	Hybrid Semi	40	250M	150			100n			500m	150 J	TO-18	
65	2SC1007	NEC Corp JA	40	250M	150	200m	3.4p	100n	95n	240n	300m	150 J	TO-18	
-	UPI4047	UPI Semi	40	250M	150	500m	10p	1.7u			800m	100 J	TO-5	
-	UPI4047-46	UPI Semi	40	250M	150	500m	10p	1.7u			400m	100 J	TO-46	
-	2SC944S	NEC Corp JA	40	250M	180	100m	2.2p	100n	50n	800n	250m	125 J	TO-92	
-	BF291	NthAmerSemi	40	260M	100	100m	3.5p	10n			360m	175	TO-18	
70	GES2221A	GE Solid St	40	275M	40	400m	3.5p	10n	35n	285n	360m	150 J	TO-92	
-	YTS2222A	ToshibaAmer	40	275M	100	600m	3.5p	10n	25n	60n	625m	150 J	SOT-23	
-	2SC1833	Micro Elecs	40	280M	160	200m	3.5p	100n	45n	250n	300m	150 J	TO-92	
-	2SC383	ToshibaCorp	40	300M	20	50m	2.0p	25u			300m	125 J	TO-98var	
-	2SC383	Indust Mexi	40	300M	20	50m	2.0p	25u			300m	125 J	TO-98var	
75	MPSH37	Motorola	40	300M	25	700f	500n	500n			310m	135 J	TO-92	
-	MPSH37	Natl Semi	40	300M	25	700f	500n	500n			310m	135 J	TO-92	
-	MPSH37	SemiconTech	40	300M	25	700f	500n	500n			310m	135 J	TO-92	
-	2SC3734	NEC Corp JA	40	300M	25	200m	4.0p	100n	70n	250n	200m	150 J	SOT-23	
-	2SC3734	NECElecsinc	40	300M	25	200m	4.0p	100n	70n	250n	200m	150 J	SOT-23	
80	2N2219A	See Index	40	300M	25	800m	8.0p	10n	25n	60n	800m	175 J	TO-39	
-	IMST3904	ITT Semintr	40	300M	30	100m	4.0p	50n	35n	50n	310m	150 J	TO-236	
-	MD7007BF	Motorola	40	300M	30	200m	8.0p	100n			400m	175 J	SO	
-	MD7007F	Motorola	40	300M	30	200m	8.0p	100n			400m	175 J	SO	
85	MPS2222A	See Index	40	300M	35	400m	8.0p	10n	25n	60n	625m	150 J	TO-226AA	
-	AST2222A	SemiconTech	40	300M	35	800m	8.0p	10n	25n	60n	625m	150 S	TO-92var	
-	BSR17A	PhilipsElec	40	300M	40	200m		5.0u			35n	350m	150 J	SOT-89
-	BSR17A	AmperexElec	40	300M	40	200m		5.0u			35n	350m	150 J	SOT-89
-	FMMT3904	FerrantiLtd	40	300M	40	200m	8.0p	50n	35n	50n	300m	175	SOT-89	
-	MMBT2222A	See Index	40	300M	40	600m	8.0p	10n	25n	60n	225m	150 J	SOT-23	
90	BSR14	PhilipsElec	40	300M	40	800m		10n			310m	150 J	SOT-89	
-	BSR14	AmperexElec	40	300M	40	800m		10n			310m	150 J	SOT-89	
-	PH2222A	PhilipsElec	40	300M										