

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)													
-	BC407A	Cont'l Dev	45	300M	220	100m	4.5p	50n			200m	125 J	TO-106
-	BC547A	See Index	45	300M	220	100m	2.5p	15n			500m	150 J	TO-92
-	BC547AP	FerrantiLtd	45	300M	220	100m	2.5p	15n			500m	150 J	SPAkvar
-	BC847AR	ITTSemIntr	45	300M	220	100m	3.5p	15n			310m	150 J	TO-236
5	TBC547A	Indust Mexi	45	300M	220	100m	3.5p				500m		TO-92
-	BCW47B	NthAmerSemi	45	300M	240	100m	2.5p	10u			200m	150 J	SIP
-	BC147B	Semi Ltd	45	300M	330	100m	2.5p	15n			350m	125 J	N/A
-	BC147B	Bharat	45	300M	330	100m	2.5p	15n			350m	125 J	N/A
-	BC147B	NthAmerSemi	45	300M	330	100m	2.5p	15n			350m	125 J	N/A
10	BC407B	CentralSemi	45	300M	330	100m	4.5p	50n			200m	125 J	TO-106
-	BC407B	Cont'l Dev	45	300M	330	100m	4.5p	50n			200m	125 J	TO-106
-	BC407B	Intl Device	45	300M	330	100m	4.5p	50n			200m	125 J	TO-106
-	BC547BP	FerrantiLtd	45	300M	330	100m	2.5p	15n			500m	150 J	SPAkvar
-	BC550BP	FerrantiLtd	45	300M	330	100m	2.5p	15n			500m	150 J	SPAkvar
15	BC847BR	ITTSemIntr	45	300M	330	100m	3.5p	15n			310m	150 J	TO-236
-	BC847BR	AmperxElec	45	300M	330	100m	3.5p	15n			310m	150 J	TO-236
-	BC847BR	PhilipsElec	45	300M	330	100m	3.5p	15n			310m	150 J	TO-236
-	BC850BR	PhilipsElec	45	300M	330	100m	3.5p	15n			310m	150 J	TO-236
-	BC850BR	ITTSemIntr	45	300M	330	100m	3.5p	15n			310m	150 J	TO-236
20	BC850BR	AmperxElec	45	300M	330	100m	3.5p	15n			310m	150 J	TO-236
-	BCF81	AmperxElec	45	300M	420	0.2	4.0p				200m	150 J	TO-236
-	BCF81	Semelab	45	300M	420	0.2	4.0p				200m	150 J	TO-236
-	BCF81	PhilipsElec	45	300M	420	0.2	4.0p				200m	150 J	TO-236
-	BCF81R	AmperxElec	45	300M	420	0.2	4.0p				200m	150 J	TO-236
25	BCF81R	PhilipsElec	45	300M	420	0.2	4.0p				200m	150 J	TO-236
-	BCW81	PhilipsElec	45	300M	420	0.2	4p				200m	150 J	TO-236
-	BCW81	AmperxElec	45	300M	420	0.2	4p				200m	150 J	TO-236
-	BCW81	ThmsnCSFEFC	45	300M	420	0.2	4p				200m	150 J	TO-236
-	BCW81R	ThmsnCSFEFC	45	300M	420	0.2	4p				200m	150 J	TO-236
30	BCW81R	PhilipsElec	45	300M	420	0.2	4p				200m	150 J	TO-236
-	BC550C	See Index	45	300M	420	200m	2.5p	15n	70n	250n	620m	150 J	TO-92
-	BC451B	Indust Mexi	45	300M	450	100m	3.5p				300m		TO-92
-	BC547B	See Index	45	300M	450	100m	2.5p	5.0u			500m	150 J	TO-92
-	PE107B	Sid Micro	45	300M	450	100m	3.0p	200n			500m	150 J	TO-92
35	TBC547B	Indust Mexi	45	300M	450	100m	3.5p				500m		TO-92
-	TBC550B	Indust Mexi	45	300M	450	100m	3.5p				500m		TO-92
-	BC547C	See Index	45	300M	600	100m	2.5p	15n			500m	150 J	TO-92
-	BC550CP	FerrantiLtd	45	300M	600	100m	2.5p	15n			500m	150 J	SPAkvar
-	BC847CR	ITTSemIntr	45	300M	600	100m	3.5p	15n			310m	150 J	TO-236
40	BC847CR	PhilipsElec	45	300M	600	100m	3.5p	15n			310m	150 J	TO-236
-	BC847CR	AmperxElec	45	300M	600	100m	3.5p	15n			310m	150 J	TO-236
-	BC850CR	AmperxElec	45	300M	600	100m	3.5p	15n			310m	150 J	TO-236
-	BC850CR	PhilipsElec	45	300M	600	100m	3.5p	15n			310m	150 J	TO-236
-	BC850CR	ITTSemIntr	45	300M	600	100m	3.5p	15n			310m	150 J	TO-236
45	BC451	See Index	45	300M	800	100m	3.5p	100n			300m	125 J	TO-98var
-	BC451C	Indust Mexi	45	300M	800	100m	3.5p				300m		TO-92
-	BC454	See Index	45	300M	800	100m	4.0p	100n			300m	125 J	TO-98var
-	TBC547	Indust Mexi	45	300M	800	100m	3.5p	100n			500m	150 J	TO-92
-	TBC547	ToshibaCorp	45	300M	800	100m	3.5p	100n			500m	150 J	TO-92
50	TBC547C	Indust Mexi	45	300M	800	100m	3.5p				500m		TO-92
-	TBC550	ToshibaCorp	45	300M	800	100m	3.5p	100n			500m	150 J	TO-92
-	TBC550C	Indust Mexi	45	300M	800	100m	3.5p				500m		TO-92
-	SC147	Powerex Inc	45	330M	120	100m	4.5p	15n			250m	150 J	TO-92var
-	SC147	Digitron	45	330M	120	100m	4.5p	15n			250m	150 J	TO-92var
55	2SC97A	RF Gain	45	350M	40	1	10p	.50u	30n	90n	800m	175 J	TO-39
-	2SC97A	NEC Corp JA	45	350M	40	1	10p	.50u	30n	90n	800m	175 J	TO-39
-	SE1001	See Index	45	350M	110		3.5p	.50u			200m	125 J	TO-106
-	SE1002	See Index	45	350M	145		3.5p	500n			200m	125 J	TO-106
-	BFY74	See Index	45	360M	90		3.0p	.01u			360m	175 J	TO-18
60	BFY75	See Index	45	360M	130		3.0p	.01u			360m	175 J	TO-18
-	BSS27	NthAmerSemi	45	400M	30	1.0	8.0p	1.0u	25n	40n	800m	175 J	TO-39
-	TIS87	Intl Device	45	500M	30	50m	.10u				400m	150 J	TO-92var
-	TIS87	Natl Semi	45	500M	30	50m	.10u				400m	150 J	TO-92var
-	TIS87	SemiconTech	45	500M	30	50m	.10u				400m	150 J	TO-92var
65	BF373	Motorola	45	500M	40	100m	320f	50n			350m	150 J	TO-226AA
-	MPSH34	See Index	45	500M	40	100m	320f	50n			350m	150 J	TO-226AA
-	BF523	Micro Elecs	45	500M	50	50m	1.6p	50n			625m	150 S	TO-92var
-	BF523	NthAmerSemi	45	500M	50	50m	1.6p	50n			625m	150 S	TO-92var
-	SK3132	GE Solid St	45	500M	50	50m					650m		TO-92var
70	2SC1360	Matsushita	45	500M	100	50m	900f	100n			650m	135 J	TO-92
-	2SC1360	Elec Trans	45	500M	100	50m	900f	100n			650m	135 J	TO-92
-	TIS105	Intl Device	45	600M	30	50m	700f	50n			400m	150 S	TO-92var
V_{(BR)CEO} ≥ 50 V													
-	MRF430	Motorola	50		80	60	900p	5.0m			875	150 J	RFMOD
75	2SC3331V	Sanyo Elect	50			800	200m	3.0p	1.0u		500m	150 J	TO-92
-	2SC478	Solid StIntr	50	200M	20	120m	4.0p	1.0u			300m	175 J	TO-18
-	2SC478	Elec Trans	50	200M	20	120m	4.0p	1.0u			300m	175 J	TO-18
-	2SC456	Solid StIntr	50	200M	20	600m	10p	1.0u			750m	175 J	TO-5
-	2SC456	Elec Trans	50	200M	20	600m	10p	1.0u			750m	175 J	TO-5
-	BSW28	NthAmerSemi	50	200M	20	1	10p	.50u	50n	85n	800m	175 J	TO-5
80	HSE166	Hybrid Semi	50	200M	25			2.0u			800m	150 J	TO-5
-	BSW27	NthAmerSemi	50	200M	30	1	10p	.50u	40n	85n	800m	175 J	TO-18
-	2SD1423A	Matsushita	50	200M	40	500m	60p	100n			300m	125 J	TO-92var
-	2SD602A	Matsushita	50	200M	60	500m	6.0p	100n			200m	125 J	SOT-89
85	2SC372G	ToshibaCorp	50	200M	70	150m	3.5p	100n			400m	125 J	TO-92
-	2SC1318	See Index	50	200M	90	500m	6.0p	100n			400m	125 J	TO-92
-	2SC1347	See Index	50	200M	90	500m	6.0p	100n			600m	125 J	TO-92var
-	2SC3390	Hitachi Ltd	50	200M	100	100m	3.5p	0.5u			300m	150 J	SPAk
-	2SC372G-TM-O	Indust Mexi	50	200M	140	150m	5.0p				400m		TO-92
-	SK3122	GE Solid St	50	200M	150	500m					400m		TO-92var
90	SK3137	GE Solid St	50	200M	150	1.0					600m		TO-92var
-	2SC1852	Semi Inc	50	200M	160	1.0	6.0p	100n			625m	135 J	TO-92
-	2SC1852	Elec Trans	50	200M	160	1.0	6.0p	100n			625m	135 J	TO-92
-	2SC1852	Advncd Semi	50	200M	160	1.0	6.0p	100n			625m	135 J	TO-92
-	2SC373G	ToshibaCorp	50	200M	200	150m	3.5p	100n			400m	125 J	TO-92