

LOW-POWER SILICON NPN

Item Number	Part Number	Manufacturer	V _{(BR)CEO} (V)	h _{FE}	I _C Max (A)	f _T (Hz)	C _{obo} Max (F)	I _{CBO} Max (A)	V _{(BR)CBO} (V)	P _D Max (W)	Derate at (W/°C)	T _{Oper} Max (°C)	Package Style
V(BR)CEO >= 50 V, (Cont'd)													
-	BFT30	See Index	60	75	1.0	100M	10p	100n	70	360m	2.0m	175 A	TO-18
-	MPS651	Motorola	60	75	2.0	75M		100n	80	625m	12m	150 J	TO-226AA
-	2N910	See Index	60	76		60M	15p	25n	100	500m	2.8m	175 J	TO-18
-	2N2522	See Index	60	76	100m	50M	6.0p	5.0n	60	400m	2.2m	175 S	TO-46
5	2N760B	See Index	60	76	100m	50M	6.0p	5.0n	60	500m	2.8m	175 A	TO-18
-	2N1566	See Index	60	80	50m		10p	1.0u	80	600m	4.0m	175 S	TO-5
-	2N736	See Index	60	80	50m		10p	1.0u	80	500m	3.3m	175 S	TO-18
-	MM2483	NthAmerSemi	60	80	50m	12M	6p	.01u	60	360m	2.1m	175 J	TO-18
-	2N2483	See Index	60	80	50m	60M	6.0p	.01u	60	360m	2.0m	175 J	TO-18
10	2N3077	See Index	60	80	50m	60M	6p	.01u	80	360m	2.0m	175 J	TO-18
-	2SC853	See Index	60	80	200m			100n	70	400m	4.0m	125 J	TO-92var
-	2SC938	Semi Inc	60	80	200m	150M		100n	60	250m	2.5m	125 J	TO-82
-	2SC938	Advncd Semi	60	80	200m	150M		100n	60	250m	2.5m	125 J	TO-82
-	KT503G	V/O Electro	60	80	300m	5.0M			60	500m	4.0m	150 J	TO-82
15	BFX70	NthAmerSemi	60	80	500m	100M	12p	2.0n	100	500m	2.8m	175 J	TO-77
-	BFX70	SGS-Ates	60	80	500m	100M	12p	2.0n	100	500m	2.8m	175 J	TO-77
-	BCW91B	Mistral SpA	60	80	800m	80M	10p	30n	70	610m	4.8m	150 J	TO-92var
-	BCW91B	Micro Elecs	60	80	800m	80M	10p	30n	70	610m	4.8m	150 J	TO-92var
-	KT630D	V/O Electro	60	80	1.2	50M		1.0u	60	800m	6.4m	150 J	TO-5
20	2SC353	Hybrid Semi	60	90	100m	170M	3.0p	.20u	100	750m		175 J	TO-5
-	2SC353	Solid StInc	60	90	100m	170M	3.0p	.20u	100	750m		175 J	TO-5
-	BC445B	ITT SemiIntr	60	90	300m	100M	3.0p	100n	60	625m		150 J	TO-92
-	BCX32	NthAmerSemi	60	90	1.0	80M		100n	80	880m	5.9m	150 J	N/A
25	2N2489A	See Index	60	100		60M	6.0p	10n	60				TO-18
-	2N3057	See Index	60	100		100M	12p	10n	100	400m	2.3m	175 J	TO-46
-	TMPT2484	SprgueElec	60	100	1.0m	15M	6.0p	10n	60	350m		150 J	TO-236
-	FMMT2484	FerrantiLtd	60	100	50m		6.0p	10n	60	300m		175 J	TO-236
-	2N5233	See Index	60	100	100m			30n	80	330m	3.3m	150 S	TO-98
-	2N3859A	See Index	60	100	100m	90M	4.0p	500n	60	620m	2.6m	150 S	TO-98
30	2N3895A	See Index	60	100	100m	90M	4.0p	50n	60	620m	2.6m	135 S	TO-92
-	GES98	CrimsonSemi	60	100	100m	100M	5.0p	10n	80	360m	2.8m	150 J	TO-92
-	SO2484	ThmsnCSFEFC	60	100	0.2	60M	6.0p			200m	1.6m	150 J	TO-236
-	MMST8098	Rohm Corp	60	100	200m	150M	6.0p						SOT-23
-	MMST8098	Rohm Co Ltd	60	100	200m	150M	6.0p						SOT-23
35	2SC826	Solid StInc	60	100	300m	20.M	10p	1.0u	100	700m	4.8m	175 J	TO-5
-	BCW95	See Index	60	100	400m		8.0p	30n	70	540m	4.3m	150 J	TO-92var
-	BCW95K	Semi Inc	60	100	400m		8.0p	30n	70	700m	5.6m	150 J	TO-92var
-	BCW95K	Advncd Semi	60	100	400m		8.0p	30n	70	700m	5.6m	150 J	TO-92var
-	BCW95B	Mistral SpA	60	100	400m	80M	5.0p	30n	70	540m	4.3m	150 J	TO-92var
40	BCW95B	Micro Elecs	60	100	400m	80M	5.0p	30n	70	540m	4.3m	150 J	TO-92var
-	TP2484	SprgueElec	60	100	500m	15M	6.0p	10n	60	400m			TO-226
-	BC431-10	Comset Semi	60	100	500m	100M	12p	100m	70	500m	4.0m	150 J	TO-12
-	BSY88	See Index	60	100	500m	100M	10p	10n	100	800m	4.5m	175 J	TO-39
45	2SC1211	Solid StInc	60	100	500m	130M		1.0u	65	500m	5.0m	125 J	TO-82
-	2SC1211	Elec Trans	60	100	500m	130M		1.0u	65	500m	5.0m	125 J	TO-82
-	MPS8098	See Index	60	100	500m	150M	6.0p	100n	60	350m	2.8m	150 J	TO-226AA
-	2N5822	See Index	60	100	750m		15p	100n	70	500m	4.5m	150 J	TO-82
-	BCW91	See Index	60	100	800m		12p	30n	70	610m	4.9m	150 J	TO-92var
-	BCW91K	Advncd Semi	60	100	800m		12p	30n	70	800m	6.4m	150 J	TO-92var
50	BCW91K	Semi Inc	60	100	800m		12p	30n	70	800m	6.4m	150 J	TO-92var
-	D33D30	GE Solid St	60	100	800m	120M	15p	100n	70	625m	4.0m	150 J	TO-88
-	D33D30	SprgueElec	60	100	800m	120M	15p	100n	70	625m	4.0m	150 J	TO-88
-	TP5822	SprgueElec	60	100	800m	120M	15p	100n	70				TO-226
-	MA8003	See Index	60	100	800m	130M	10p	10n	80	800m	4.7m	175 J	TO-5
55	BC487A	Motorola	60	100	1.0		7.0p	100n	60	625m	5.0m	150 J	TO-226AA
-	BC487A18	Motorola	60	100	1.0		7.0p	100n	60	625m	5.0m	150 J	TO-18
-	BC487A5	Motorola	60	100	1.0		7.0p	100n	60	625m	5.0m	150 J	TO-5
-	BC141-16	See Index	60	100	1.0	50M	25p	100n	100	750m	5.0m	175 J	TO-205AD
-	BC211A6	Mistral SpA	60	100	1.0	50M	25p		100	800m			TO-39
60	2N3107	See Index	60	100	1.0	70M		10u	100	800m			TO-39
-	BFR40	Mistral SpA	60	100	1.0	150M	6.5p	100n	70	800m	6.4m	150 S	TO-92
-	BFR40	NthAmerSemi	60	100	1.0	150M	6.5p	100n	70	800m	6.4m	150 S	TO-92
-	BSX63-10	PhilipsElec	60	100	3.0	70M		100n		875m	5.0m	175 J	TO-39
-	BSX63-10	NthAmerSemi	60	100	3.0	70M		100n		875m	5.0m	175 J	TO-39
65	2N4896	See Index	60	100	5.0	80M	80p	1.0m	120	800m	4.5m	175 J	TO-39
-	BFX13	NthAmerSemi	60	105	350m	180M	4.0p	.02u	80	700m	4.5m	175 J	TO-5
-	2SC353A	Hybrid Semi	60	109	100m	170M	4.5p	200n	100	750m	5.0m	175 J	TO-5
-	BFW57	NthAmerSemi	60	110	500m	130M		500n	80	350m	3.5m	125 J	ZIP
-	2SC3243C	MitsubiElec	60	110	1.0	80M	14p	200n	60	900m		150 J	MicroTO-92
70	2N2461	See Index	60	115	50m	140M	5.0p	2.0n	100	400m	2.2m	200 S	TO-46
-	2N2465	See Index	60	115	50m	140M	5.0p	2.0n	100	500m	2.8m	200 S	TO-18
-	BC301-6	Semelab	60	120				20n	90	850m	40m	175 J	TO-39
-	BC301-6	Mistral SpA	60	120				20n	90	850m	40m	175 J	TO-39
-	BC301-6	Micro Elecs	60	120				20n	90	850m	40m	175 J	TO-39
75	BSR40	AmperexElec	60	120	1.0m	100M			70	1.0			N/A
-	BSR40	PhilipsElec	60	120	1.0m	100M			70	1.0			N/A
-	KT215G1	V/O Electro	60	120	40m	5.0M		0.1u		25m		125 J	N/A
-	BFX71	SGS-Ates	60	125	500m	100M	12p	10n	100	500m	2.8m	175 J	TO-77
-	BFX71	NthAmerSemi	60	125	500m	100M	12p	10n	100	500m	2.8m	175 J	TO-77
80	BFX72	SGS-Ates	60	125	500m	100M	12p	10n	100	500m	2.8m	175 J	TO-77
-	BFX72	NthAmerSemi	60	125	500m	100M	12p	10n	100	500m	2.8m	175 J	TO-77
-	PA6014S	Sid Micro	60	130			12p	200n	60	500m		135 J	TO-92
-	2SD1616AL	NEC Corp JA	60	135	1.0	160M	19p	100n	120	750m		150 J	TO-92
-	HSE147	Hybrid Semi	60	150		40M		100u	70	800m	6.4m	150 J	TO-5
85	MD2978	CrimsonSemi	60	150	30m			2.0n	60	200m	1.6m	150 J	TO-108
-	2N2919A	See Index	60	150	30m	60M	6.0p	2.0n	60	300m	1.7m	175 J	TO-77
-	2N2920	See Index	60	150	30m	60M	6.0p	2.0n	60	300m	2.8m	175 J	TO-77
-	2N2979	See Index	60	150	30m	60M	6.0p	2.0n	60	250m	1.4m	175 J	TO-71
-	2N6092	SemiconTech	60	150	30m	60M		2.0n	60	300m	1.7m	175 S	TO-78
90	2N6092	Space Power	60	150	30m	60M		2.0n	60	300m	1.7m	175 S	TO-78
-	2N6092	CrimsonSemi	60	150	30m	60M		2.0n	60	300m	1.7m	175 S	TO-78
-	PN2484	See Index	60	150	50m	60	6.0p	10n	60	600m	4.8m	150 J	TO-92
-	MM2484	CrimsonSemi	60	150	50m	15M	6p	.01u	60	360m	2.1m	175 J	TO-18
-	MM2484	SemiconTech	60	150	50m	15M	6p	.01u	60	360m	2.1m	175 J	TO-18
95	MM2484	NthAmerSemi	60	150	50m	15M	6p	.01u	60	360m	2.1m	175 J	TO-18
-	2N2484A	See Index	60	150	50m	15M	6p	.01u	60	360m	2.0m	175 J	TO-18
-	2N2484	See Index	60	150	50m	60M	6.0p	10n	60	360m	2.0m	175 J	TO-18