

# LOW-POWER SILICON NPN

Item Number	Part Number	Manufacturer	V <sub>(BR)CEO</sub> (V)	h <sub>FE</sub>	I <sub>C</sub> Max (A)	f <sub>T</sub> (Hz)	C <sub>obo</sub> Max (F)	I <sub>CBO</sub> Max (A)	V <sub>(BR)CBO</sub> (V)	P <sub>D</sub> Max (W)	Derate at (W/°C)	T <sub>Oper</sub> Max (°C)	Package Style
<b>V(BR)CEO ≥ 30 V, (Cont'd)</b>													
-	2N2523	See Index	45	60	30m	70M	6.0p	2.0n	60	400m	2.2m	200 S	TO-46
-	MPS929	Motorola	45	60	100m	30M	8.0p	10n	45	625m	5.0m	150 J	TO-226AA
-	MPS930	Solid StInc	45	60	100m	30M	8.0p	10n	45	625m	5.0m	150 J	TO-92
-	MPS930	Motorola	45	60	100m	30M	8.0p	10n	45	625m	5.0m	150 J	TO-92
5	BC485	See Index	45	60	1.0		7.0p	100n	45	625m	5.0m	150 J	TO-226AA
-	BC485-18	Motorola	45	60	1.0		7.0p	100n	45	625m	5.0m	150 J	TO-18
-	BC485-5	Motorola	45	60	1.0		7.0p	100n	45	625m	5.0m	150 J	TO-5
-	BC485L	Natl Semi	45	60	1.0			100n	45	625m	5.0m	150 J	TO-226AA
-	BC485L18	Motorola	45	60	1.0			100n	45	625m	5.0m	150 J	TO-18
-	BC485L5	Motorola	45	60	1.0			100n	45	625m	5.0m	150 J	TO-5
10	BC337-10	Natl Semi	45	63	800m			100n	45	625m	5.4m	150 J	TO-92
-	BC337-10	Micro Elecs	45	63	800m			100n	45	625m	5.4m	150 J	TO-92
-	BC337-10	Comset Semi	45	63	800m			100n	45	625m	5.4m	150 J	TO-92
-	2N3046	See Index	45	65	30m	30M	8.0p	10n	45	250m	1.6m	175 S	TO-89
-	2N3047	See Index	45	65	30m	30M	8.0p	10n	45	250m	1.6m	175 S	TO-89
-	2N3048	See Index	45	65	30m	30M	8.0p	10n	45	250m	1.6m	175 S	TO-89
-	2N2639	See Index	45	65	30m	31M	8.0p	10n	45	300m	2.0m	175 S	TO-77
-	2N2640	See Index	45	65	30m	31M	8.0p	10n	45	300m	2.0m	175 S	TO-77
-	2N2641	See Index	45	65	30m	31M	8.0p	10n	45	300m	2.0m	175 S	TO-77
-	2SC828A	See Index	45	65	50m			100n	45	250m	2.5m	125 J	TO-92
-	2S103	See Index	45	65	50m	135M	5.0p	.25u	60	400m	2.6m	175 A	TO-18
-	BC302-5	Mistral SpA	45	70				20n	60	850m	40m	175 J	TO-39
-	BC302-5	Micro Elecs	45	70				20n	60	850m	40m	175 J	TO-39
-	BC302-5	Semlab	45	70				20n	60	850m	40m	175 J	TO-39
25	MT4101	Micro Elecs	45	70		60M	3.5p	10n	60	100m	800u	150 J	Radial
-	PE210D	Pid Micro	45	70	50m			100n	50	500m		135 J	TO-92
-	4101	Advncd Semi	45	70	100m	150M	3.5p		60	200m			TO-106
-	4101	Semi Inc	45	70	100m	150M	3.5p		60	200m			TO-106
-	2N2434	See Index	45	70	1.0	90M	20p	1.0n	75	500m	2.8m	175 J	TO-46
-	2N336A	See Index	45	75	25m	15M	7.0p	500n	45	500m		175 J	TO-5
-	2N760	See Index	45	75	100m	50M	8.0p	200n	45	500m	2.8m	175 A	TO-18
-	2N841	See Index	45	80	50m	40M	15p	1.0u	45	300m	3.0m	175 S	TO-18
-	2SC881	Semi Inc	45	80	200m			100n	60	400m		150 J	TO-92var
-	2SC881	Advncd Semi	45	80	200m			100n	60	400m		150 J	TO-92var
-	2SC881	Solid StInc	45	80	200m			100n	60	400m		150 J	TO-92var
-	2N3587	See Index	45	80	500m	80M	8.0p	10n	60	300m	1.7m	175 S	TO-77
-	JC501O	ITT SemiIntr	45	90		150M	6.0p	15n					TO-92
-	2S104	See Index	45	90	50m	150M	5.0p	250n	60	400m	2.6m	175 A	TO-18
-	BC523	NthAmerSemi	45	100		100M	4.0p	2.0n	45	625m		150 J	TO-92
-	2N4880	See Index	45	100	10m	15M		.1n	45	300m	1.7m	175 S	TO-71
-	MMBT930	Motorola	45	100	30m	30M	8.0p	10n	45	225m	1.8m	150 J	SOT-23
-	BC332	Advncd Semi	45	100	30m	100M	3.0p			250m			TO-92
-	BC332	Semi Inc	45	100	30m	100M	3.0p			250m			TO-92
-	BC332	Micro Elecs	45	100	30m	100M	3.0p			250m			TO-92
45	2N2722	See Index	45	100	40m	100M	6.0p	1.0n	45	300m	1.7m	175 S	TO-77
-	MMCM930	Motorola	45	100	50m	60M	6.0p	10n	60	200m	1.1m	175 J	Micro-T
-	IT121	GE/Intersil	45	100	50m	180M	2.0p	1.0n	45	300m	2.3m	150 J	TO-78
-	IT122	GE/Intersil	45	100	50m	180M	2.0p	1.0n	45	300m	2.3m	150 J	TO-78
-	IT129	GE/Intersil	45	100	100m		3.0p	100p	45	400m	2.3m	150 J	TO-78
50	BFY85A	NthAmerSemi	45	100	100m	50M	8.0p	100u	45	210m	2.6m	125 J	TO-46
-	BFY86A	NthAmerSemi	45	100	100m	50M	8.0p	100u	45	210m	2.6m	125 J	TO-46
-	BC382L	Advncd Semi	45	100	100m	150M	5.0p			300m			TO-92
-	BC382L	Semi Inc	45	100	100m	150M	5.0p			300m			TO-92
-	BC382L	Micro Elecs	45	100	100m	150M	5.0p			300m			TO-92
55	BC385	Semi Inc	45	100	100m	150M	5.0p			300m			TO-92
-	BC385	Micro Elecs	45	100	100m	150M	5.0p			300m			TO-92
-	BC385	Advncd Semi	45	100	100m	150M	5.0p			300m			TO-92
-	SO930	ThmsnCSFEFC	45	100	0.2	30M	8p			200m	1.6m	150 J	TO-236
-	2SC904	Solid StInc	45	100	300m	150M	8.0p	1.0u	50	200m	2.0m	125 J	TO-92
-	ZTX331	FerrantiLtd	45	100	500m	30M	8.0p	200n	45	300m	2.3m	175 S	TO-92
-	BCW66F	See Index	45	100	500m	100M	8.0p	20n	75	350m		150 J	TO-236
-	BCW34	See Index	45	100	600m	150M	6.0p	10n	60	360m	2.7m	175	TO-18
-	BCW36	See Index	45	100	600m	150M	6.0p	10n	60	300m	2.4m	175	TO-18
65	BCW66	Semlab	45	100	0.8	100M	12p			650m	2.8m	150 J	TO-236
-	BCW66	FerrantiLtd	45	100	0.8	100M	12p			650m	2.8m	150 J	TO-236
-	BCW66	ThmsnCSFEFC	45	100	0.8	100M	12p			650m	2.8m	150 J	TO-236
-	BCW66R	ThmsnCSFEFC	45	100	0.8	100M	12p			650m	2.8m	150 J	TO-236
-	BCW66H	See Index	45	100	800m	100M	12p	20n	75	225m	1.8m	150 J	SOT-23
-	BCW74	See Index	45	100	800m	100M	12p			450m			TO-18
-	BCW78	See Index	45	100	800m	100M	12p			870m			TO-39
-	BCX74	See Index	45	100	800m	100M	12p			625m			TO-92
-	BCX74-16	Siemens Akt	45	100	800m	100M		20n		625m	5.0m	150 J	TO-92
-	BC337	See Index	45	100	800m	100M	15p	100n	50	625m	5.4m	150 J	TO-226AA
-	BC337-16	See Index	45	100	800m	100M	15p	100n	50	600m	5.0m	150 J	TO-226AA
75	BC337-16-18	Motorola	45	100	800m	100M	15p	100n	50	600m	5.0m	150 J	TO-18
-	BC337-16-5	Motorola	45	100	800m	100M	15p	100n	50	600m	5.0m	150 J	TO-5
-	BC337-18	Motorola	45	100	800m	100M	15p	100n	50	625m	5.4m	150 J	TO-18
-	BC337-5	Motorola	45	100	800m	100M	15p	100n	50	625m	5.4m	150 J	TO-5
-	BC485A	Natl Semi	45	100	1.0		7.0p	100n	45	625m	5.0m	150 J	TO-226AA
-	BC485A	Motorola	45	100	1.0		7.0p	100n	45	625m	5.0m	150 J	TO-226AA
-	BC485A18	Motorola	45	100	1.0		7.0p	100n	45	625m	5.0m	150 J	TO-18
-	BC485A5	Motorola	45	100	1.0		7.0p	100n	45	625m	5.0m	150 J	TO-5
85	BC847A	See Index	45	110	100m	100M	4.5p	15n	50	225m	1.8m	150 J	SOT-23
-	BC171A	See Index	45	110	100m	150M		15n	45	200m	3.0m	125 J	TO-92
-	BC107	See Index	45	110	200m	150M	4.5p	15n	50	600m	2.2	175 J	TO-206AA
-	BC107A	See Index	45	110	200m	150M		15n	50	600m	2.2m	175 J	TO-206AA
-	BC302-6	Mistral SpA	45	120				20n	60	850m	40m	175 J	TO-39
-	BC302-6	Micro Elecs	45	120				20n	60	850m	40m	175 J	TO-39
-	2N6442	See Index	45	120	10m	160M		5.0n	60	550m	3.1m	175 S	TO-78
90	2N6444	See Index	45	120	10m	160M		5.0n	60	550m	3.1m	175 S	TO-78
-	2N6446	See Index	45	120	10m	160M		5.0n	60	550m	3.1m	175 S	TO-78
-	2N6448	See Index	45	120	10m	160M		5.0n	60	550m	3.1m	175 S	TO-78
-	2N3907	See Index	45	120	30m	60M	6.0p						