

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} ≥ 30 V, (Cont'd)													
-	BC237-5	Motorola	45	120	100m	150M	4.5p	15n		350m	2.8m	150 J	TO-5
-	BC237A	See Index	45	120	100m	150M	4.5p	15n		350m	3.0m	150 J	TO-226AA
-	BC237A18	Motorola	45	120	100m	150M	4.5p	15n		350m	3.0m	150 J	TO-18
-	BC237A5	Motorola	45	120	100m	150M	4.5p	15n		350m	3.0m	150 J	TO-5
5	BCX70G	See Index	45	120	200m	125M	4.5p	20n	45	225m	1.8m	150 J	SOT-23
-	BCX70R	ThmsnCSFEFC	45	120	0.2	125M	4.5p			150m	1.4m	150 J	TO-236
-	ZTX237	FerrantiLtd	45	120	200m	150M	4.5p	15n	50	350m	2.3m	175 J	TO-92
-	BC167	See Index	45	120	500m	85M	7.0p	15n	50	620m	2.4m	150 J	TO-18
-	BC167A	See Index	45	120	500m	85M	7.0p	15n	45	500m	2.4m	150 J	TO-92
10	BCX70	See Index	45	120	800m	125M	4.5p	20n	45	620m		150 J	TO-18
-	BCX59-7	Motorola	45	125	100m	125M	4.5p	10n	45	625m	5.0m	150 J	TO-226AA
-	BC107AP	FerrantiLtd	45	125	100m	150M	3.5p	15n	50	300m	2.0m	175 J	TO-92var
-	BC560	See Index	45	125	100m	150M		15n	50	500m	4.0m	150 J	TO-82
-	BCY59	See Index	45	125	200m	125M	6.0p	10n	45	600m	2.2m	175 J	TO-206AA
15	BCY59VII	See Index	45	125	200m	125M	6.0p	10n	45	600m	2.2m	175 J	TO-206AA
-	BC582	Advncd Semi	45	125	200m	150M	3.0p	15n	50	300m	2.4m	150 S	TO-92var
-	BC582	Semi Inc	45	125	200m	150M	3.0p	15n	50	300m	2.4m	150 S	TO-92var
-	BC582	Micro Elecs	45	125	200m	150M	3.0p	15n	50	300m	2.4m	150 S	TO-92var
-	2N3043	See Index	45	130	30m	30M	8.0p	10n	45	250m	1.6m	175 S	TO-78
20	2N3044	See Index	45	130	30m	30M	8.0p	10n	45	250m	1.6m	175 S	TO-89
-	2N3045	See Index	45	130	30m	30M	8.0p	10n	45	250m	1.6m	175 S	TO-89
-	2N2642	See Index	45	130	30m	31M	8.0p	10n	45	300m	2.0m	175 S	TO-77
-	2N2643	See Index	45	130	30m	31M	8.0p	10n	45	300m	2.0m	175 S	TO-77
-	2N2644	See Index	45	130	30m	31M	8.0p	10n	45	300m	2.0m	175 S	TO-77
25	JC501P	ITTSemilntr	45	135		150M	6.0p	15n					TO-82
-	BCY76	Hybrid Semi	45	140	100m	40M	6.0p		45	300m	2.0m	175 J	TO-18
-	BCY76	CentralSemi	45	140	100m	40M	6.0p		45	300m	2.0m	175 J	TO-18
-	MD2974	CrimsonSemi	45	150	30m			10n	45	200m	1.6m	150 J	TO-106
-	PN930	See Index	45	150	30m	30M	8.0p	10n	45	600m	4.8m	150 J	TO-92
30	2N2388	See Index	45	150	30m	30M	8.0p	10n	45	300m	2.0m	175 J	Macro-T
-	2N930	See Index	45	150	30m	30M	8.0p	10n	45	600m	4.0m	175 J	TO-18
-	BFX93	See Index	45	150	30m	45M	5.0p	10n	50	300m	2.0m	175 J	TO-18
-	2N2586	See Index	45	150	30m	45M	7.0p	2.0n	60	300m	2.0m	175 S	TO-18
35	2N3463	Space Power	45	150	30m	45M	6.0p	2.0n	60	300m	2.0m	175 S	TO-18
-	2N3463	Hybrid Semi	45	150	30m	45M	6.0p	2.0n	60	300m	2.0m	175 S	TO-18
-	2N3463	CrimsonSemi	45	150	30m	45M	6.0p	2.0n	60	300m	2.0m	175 S	TO-18
-	2N930A	See Index	45	150	30m	45M	6.0p	2.0n	60	500m	2.8m	175 S	TO-18
-	2N930B	See Index	45	150	30m	45M	6.0p	2.0n	60	500m	2.8m	175 S	TO-18
-	2N2914	See Index	45	150	30m	60M	6.0p	10n	45	300m	2.8m	175 J	TO-77
40	2N2915A	See Index	45	150	30m	60M	6.0p	10n	45	300m	1.7m	175 J	TO-77
-	2N2916	See Index	45	150	30m	60M	6.0p	10n	45	300m	2.8m	175 J	TO-77
-	2N2918	See Index	45	150	30m	60M	6.0p	10n	45	300m	2.8m	175 J	TO-77
-	2N2973	See Index	45	150	30m	60M	6.0p	10n	45	250m	1.4m	175 J	TO-71
-	2N2975	See Index	45	150	30m	60M	6.0p	10n	45	250m	1.4m	175 J	TO-71
45	2N2977	See Index	45	150	30m	60M	6.0p	10n	45	250m	1.4m	175 J	TO-71
-	2N6086	Space Power	45	150	30m	60M		10n	45	300m	1.7m	175 S	TO-78
-	2N6086	CrimsonSemi	45	150	30m	60M		10n	45	300m	1.7m	175 S	TO-78
-	2N6086	SemiconTech	45	150	30m	60M		10n	45	300m	1.7m	175 S	TO-78
-	2N6088	SemiconTech	45	150	30m	60M		10n	45	300m	1.7m	175 S	TO-78
50	2N6088	Space Power	45	150	30m	60M		10n	45	300m	1.7m	175 S	TO-78
-	2N6088	CrimsonSemi	45	150	30m	60M		10n	45	300m	1.7m	175 S	TO-78
-	2N6090	SemiconTech	45	150	30m	60M		10n	45	300m	1.7m	175 S	TO-78
-	2N6090	Space Power	45	150	30m	60M		10n	45	300m	1.7m	175 S	TO-78
55	2N6090	CrimsonSemi	45	150	30m	60M		10n	45	300m	1.7m	175 S	TO-78
-	2N2524	See Index	45	150	30m	70M	6.0p	2.0n	60	400m	2.2m	200 S	TO-46
-	MMT930	Motorola	45	150	50m	60M	6p	10n	60	225m	2.0m	135 J	TO-224AA
-	2N4287	See Index	45	150	100m	40M	6.0p	10n	45	250m	2.0m	150 S	TO-92var
-	MPS929A	Motorola	45	150	100m	45M	6.0p	2.0n	60	625m	5.0m	150 J	TO-82
-	MPS930A	Motorola	45	150	100m	45M	6.0p	2.0n	60	625m	5.0m	150 J	TO-226AA
60	BCW66G	See Index	45	160	500m	100M	8.0p	20n	75	350m		150 J	SOT-89
-	BCW66HF	ThmsnCSFEFC	45	160	800m	100M		20n		360m		150 J	TO-236
-	BCX74-25	Siemens Akt	45	160	800m	100M		20n		625m	5.0m	150 J	TO-82
-	BC337-25	See Index	45	160	800m	100M	15p	100n	50	600m	5.0m	150 J	TO-226AA
65	BC337-25-18	Motorola	45	160	800m	100M	15p	100n	50	600m	5.0m	150 J	TO-18
-	BC337-25-5	Motorola	45	160	800m	100M	15p	100n	50	600m	5.0m	150 J	TO-5
-	BC337AP	FerrantiLtd	45	160	800m	100M	12p	100n		625m	5.0m	150 J	TO-92var
-	BC485B	Motorola	45	160	1.0		7.0p	100n	45	625m	5.0m	150 J	TO-226AA
-	BC485B18	Motorola	45	160	1.0		7.0p	100n	45	625m	5.0m	150 J	TO-18
-	BC485B5	Motorola	45	160	1.0		7.0p	100n	45	625m	5.0m	150 J	TO-5
70	BCX59-8	Motorola	45	175	100m	125M	4.5p	10n	45	625m	5.0m	150 J	TO-226AA
-	BCY59VIII	See Index	45	175	200m	125M	6.0p	10n	45	600m	2.2m	175 J	TO-206AA
-	BFY85B	NthAmerSemi	45	180	100m	50M	8.0p	100u	45	210m	2.6m	125 J	TO-46
-	BFY86B	NthAmerSemi	45	180	100m	50M	8.0p	100u	45	210m	2.6m	125 J	TO-46
-	BCX70H	See Index	45	180	200m	125M	4.5p	20n	45	225m	1.8m	150 J	SOT-23
75	MT4102	Micro Elecs	45	200		60M	3.5p	10n	60	100m	800u	150 J	Radial
-	JC501Q	ITTSemilntr	45	200		150M	6.0p	15n					TO-92
-	2N3247	See Index	45	200	50m		5.0p	1.0n	60	150m	1.2m	150 A	MicroTO-92
-	2N3246	See Index	45	200	50m	60M	5.0p	1.0n	60	350m	2.0m	175 A	TO-18
-	BC847B	See Index	45	200	100m	100M	4.5p	15n	50	225m	1.8m	150 J	SOT-23
80	BC850B	See Index	45	200	100m	100M	4.5p	15n	50	225m	1.8m	150 J	SOT-23
-	BC171B	See Index	45	200	100m	150M		15n	45	200m	3.0m	125 J	TO-82
-	BC237B	See Index	45	200	100m	150M	4.5p	15n		350m	3.0m	150 J	TO-226AA
-	BC237B18	Motorola	45	200	100m	150M	4.5p	15n		350m	3.0m	150 J	TO-18
85	BC237B5	Motorola	45	200	100m	150M	4.5p	15n		350m	3.0m	150 J	TO-5
-	4102	Advncd Semi	45	200	100m	150M	3.5p		60	200m			TO-106
-	4102	Semi Inc	45	200	100m	150M	3.5p		60	200m			TO-106
-	BCY59A	NthAmerSemi	45	200	200m	150M		.01u	45	390m	2.2m	175 J	TO-18
-	BCY59A	Hybrid Semi	45	200	200m	150M		.01u	45	390m	2.2m	175 J	TO-18
-	BCY59A	FerrantiLtd	45	200	200m	150M		.01u	45	390m	2.2m	175 J	TO-18
90	BC107B	See Index	45	200	200m	150M		15n	50	600m	2.2m	175 J	TO-206AA
-	BC180	NthAmerSemi	45	210	500m	180M		500n	45	360m	2.8m	150 J	TO-88
-	BCY59-7	NthAmerSemi	45	220		125M	6.0p	10n	45	360m		175 J	TO-18
-	BCY59-7	Hybrid Semi	45	220		125M	6.0p	10n	45	360m		175 J	TO-18
-	BC330	Advncd Semi	45	220	30m	100M	3.0p			250m			TO-82
95	BC330	Semi Inc	45	220	30m	100M	3.0p			250m			TO-82
-	BC330	Micro Elecs	45	220	30m	100M	3.0p			250m			TO-82
-	BC107BP	FerrantiLtd	45	240	100m	150M	3.5p	15n	50	300m	2.0m	175 J	TO-92var