

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)													
-	BFX69A	Semi Inc	40	70		84.M	13p	.01u	80	800m	4.5m	175 J	TO-5
-	BFX69A	Advncd Semi	40	70		84.M	13p	.01u	80	800m	4.5m	175 J	TO-5
-	2N1594	See Index	40	70	25m	5.0M	30p	1.0u	60	125m	2.0m	100 S	TO-22var
-	BCW94A	Mistral SpA	40	70	400m	80M	5.0p	30n	50	540m	4.3m	150 J	TO-92var
5	2SC366G	ToshibaCorp	40	70	400m	100M	10p	100n	60	400m	4.0m	125 J	TO-92
-	2N1644A	See Index	40	75		150M	20p	1.0u	60	600m	4.0m	175 J	N/A
-	2N2192	See Index	40	75	1	50M	20p	.01u	60	800m	4.5m	175 J	TO-5
-	2N2192A	See Index	40	75	1.0	50M	20p	10n	60	800m	4.5m	175 J	TO-5
-	2N2192B	See Index	40	75	1	50M	20p	.01u	60	800m	4.5m	175 J	TO-5
10	MPS650	Motorola	40	75	2.0	75M		100n	60	625m	12m	150 J	TO-226AA
-	2N2532	See Index	40	76	25m	16M	3.0p	50n	45	150m	1.0m	175 S	TO-18
-	CX904	Semi Inc	40	80	100m	80M	5.0p			300m			TO-92
-	CX904	Advncd Semi	40	80	100m	80M	5.0p			300m			TO-92
-	2SC943	Solid StInc	40	80	200m	150M	3.0p	500n	60	300m	2.4m	150 J	TO-18
-	2SC943	Elec Trans	40	80	200m	150M	3.0p	500n	60	300m	2.4m	150 J	TO-18
-	2SC943	NECElecsinc	40	80	200m	150M	3.0p	500n	60	300m	2.4m	150 J	TO-18
-	KT503B	V/O Electro	40	80	300m	5.0M			40	500m	4.0m	150 J	TO-92
-	BCW90B	ThmsnCSFEFC	40	80	800m	80M	10p	30n	50	610m	4.8m	150 J	TO-92var
-	BCW90B	Mistral SpA	40	80	800m	80M	10p	30n	50	610m	4.8m	150 J	TO-92var
-	2N731	See Index	40	80	1	50M	35p	1.0u	60	500m	3.3m	175 J	TO-18
-	CX908	Semi Inc	40	80	1.0	60M	18p			800m			TO-92
-	CX908	Advncd Semi	40	80	1.0	60M	18p			800m			TO-92
-	MMBC1623L4	Motorola	40	90	100m	150M		100n	50	225m	1.8m	150 J	SOT-23
-	MMBC1623L4	Samsung	40	90	100m	150M		100n	50	225m	1.8m	150 J	SOT-23
-	MMBC1623L4	SprgueElec	40	90	100m	150M		100n	50	225m	1.8m	150 J	SOT-23
25	C450	NthAmerSemi	40	100		60M	6p	10u	40	200m	2.0m	125 J	TO-106
-	TL3569	ThmsnCSFEFC	40	100		60M	20p	50n	80				TO-105
-	HSE408	Hybrid Semi	40	100		150M		10n	50	310m	3.1m	125 J	TO-92
-	BCY87	PhilipsElec	40	100	30m	10M		5.0n	45	150m	1.0m	175 J	TO-71
-	BCY87	NthAmerSemi	40	100	30m	10M		5.0n	45	150m	1.0m	175 J	TO-71
30	BCY87	AmperexElec	40	100	30m	10M		5.0n	45	150m	1.0m	175 J	TO-71
-	BCY88	PhilipsElec	40	100	30m	10M		25n	45	150m	1.0m	175 J	TO-71
-	BCY88	NthAmerSemi	40	100	30m	10M		25n	45	150m	1.0m	175 J	TO-71
-	BCY88	AmperexElec	40	100	30m	10M		25n	45	150m	1.0m	175 J	TO-71
-	BCY89	AmperexElec	40	100	30m	10M		.01u	45	150m	1.0m	175 J	TO-71
-	BCY89	NthAmerSemi	40	100	30m	10M		.01u	45	150m	1.0m	175 J	TO-71
-	BCY89	PhilipsElec	40	100	30m	10M		.01u	45	150m	1.0m	175 J	TO-71
-	BC280A	NthAmerSemi	40	100	100m		2.8p	5.0n	45	360m	2.0m	175 J	TO-18
-	2N5825	See Index	40	100	100m		4.0p	50n	50	360m	3.6m	125 J	TO-92
-	2SC2462	Hitachi Ltd	40	100	100m				50	150m			TO-236
-	TP5825	SprgueElec	40	100	100m	90M	4.0p	50n	50			150 J	TO-226
-	4103	Advncd Semi	40	100	100m	150M	3.5p		50	200m			TO-106
-	4103	Semi Inc	40	100	100m	150M	3.5p		50	200m			TO-106
-	BC284	See Index	40	100	200m	60M	15p	50n	40	500m	10m	175	TO-18
45	BC284A	NthAmerSemi	40	100	200m	60M	15p	50n	40	500m	2.8m	175 J	TO-18
-	MMST-A20	Rohm Co Ltd	40	100	200m	125M	4.0p						SOT-23
-	MMST-A20	Rohm Corp	40	100	200m	125M	4.0p						SOT-23
-	BCW94	See Index	40	100	400m		8.0p	30n	50	540m	4.3m	150 J	TO-92var
-	BCW94K	Advncd Semi	40	100	400m		8.0p	30n	50	700m	5.6m	150 J	TO-92var
-	BCW94K	Semi Inc	40	100	400m		8.0p	30n	50	700m	5.6m	150 J	TO-92var
50	BCW94B	Mistral SpA	40	100	400m	80M	5.0p	30n	50	540m	4.3m	150 J	TO-92var
-	GES92	CrimsonSemi	40	100	400m	100M	10p	100n	40	625m	5.0m	150 J	TO-92
-	PN3569	See Index	40	100	500m	60M		50n	80	600m	4.8m	150 J	TO-92
-	2N3569	See Index	40	100	500m	60M		50n	80	300m	3.0m	125 J	TO-105
55	BSX62-10	PhilipsElec	40	100	500m	70M		100n	80	875m	5.0m	175 J	TO-39
-	BSX62-10	NthAmerSemi	40	100	500m	70M		100n	80	875m	5.0m	175 J	TO-39
-	BC340-16	NthAmerSemi	40	100	500m	100M	10p	100n	40	800m	4.5m	175 J	TO-39
-	2N4944	See Index	40	100	500m	300M		10n	75	220m	2.2m	150 J	TO-106
-	2N4945	See Index	40	100	500m	300M	8.0p	10n	75	220m	2.2m	150 J	TO-106
-	2N4946	See Index	40	100	500m	300M	8.0p	10n	75	220m	2.2m	150 J	TO-106
60	MPS3569	See Index	40	100	600m	60M	20p	50n	80	350m	2.8m	150 J	TO-226AA
-	2N5816	See Index	40	100	750m		15p	100n	50	500m	4.5m	135 J	TO-92
-	PN5816	Natl Semi	40	100	750m	100M		100n	50	500m	4.5m	135 J	TO-92
-	PN5816	CentralSemi	40	100	750m	100M		100n	50	500m	4.5m	135 J	TO-92
65	GES5816	GE Solid St	40	100	750m	150M		100n	50	500m	4.5m	150 J	TO-92
-	2222A	ITT SemiInt	40	100	0.8	150M		10n	75	625m		150 J	TO-92
-	BCW90	See Index	40	100	800m		12p	30n	50	610m	4.9m	150 J	TO-92var
-	BCW90K	Advncd Semi	40	100	800m		12p	30n	50	800m	6.4m	150 J	TO-92var
-	BCW90K	Semi Inc	40	100	800m		12p	30n	50	800m	6.4m	150 J	TO-92var
70	TP3569	SprgueElec	40	100	800m	60M	20p	50n	80	300m			TO-226
-	D33D25	GE Solid St	40	100	800m	120M	15p	100n	50	625m	4.5m	135 J	TO-98
-	D33D25	SprgueElec	40	100	800m	120M	15p	100n	50	625m	4.5m	135 J	TO-98
-	TP5816	SprgueElec	40	100	800m	120M	15p	100n	50				TO-226
75	A5T2192	SemiconTech	40	100	1.0	50M	20p	10n	60	625m	5.0m	150 S	TO-92var
-	BC140-16	See Index	40	100	1.0	50M	25p	100n	80	750m	5.0m	175 J	TO-205AD
-	BC211-6	Mistral SpA	40	100	1.0	50M	25p		80	800m			TO-39
-	2N2350	See Index	40	100	1	50M	20p	.01u	60	400m	2.3m	175 J	TO-46
-	2N2350A	See Index	40	100	1	50M	20p	.01u	60	400m	2.3m	175 J	TO-46
-	BFW25	See Index	40	100	1	70M	25p	.01u	80	800m	4.5m	175 J	TO-5
80	2N3109	See Index	40	100	1.0	70M		10u	80	800m			TO-39
-	BFS60	FerrantiLtd	40	100	1.0	150M	15p	100n	60	500m	3.3m	175 S	TO-92var
-	2N2854	See Index	40	100	3.0	30M	125p	100n	60	850m	5.0m	175 S	TO-52var
-	BFY12	Hybrid Semi	40	105	500m	180M	4.0p	.02u	60	700m	4.5m	175 J	TO-5
85	BFY12	NthAmerSemi	40	105	500m	180M	4.0p	.02u	60	700m	4.5m	175 J	TO-5
-	HSE417	Hybrid Semi	40	120		60M		50n	45	310m	3.1m	125 J	TO-92
-	TMPT1623L3	SprgueElec	40	120	100m	100M		100n	50	350m			TO-236
-	2SC1740S	Rohm Co Ltd	40	120	100m	180M	2.0p			300m			SPAK
-	2SC4081	Rohm Co Ltd	40	120	100m	180M	2.0p			200m			TO-236var
-	2SC2412KBQ	Rohm Co Ltd	40	120	200m	100M	3.5p						SOT-23
-	2SC2412KBQ	Rohm Corp	40	120	200m	100M	3.5p						SOT-23
-	BCW90C	Mistral SpA	40	120	800m	80M	10p	30n	50	610m	4.8m	150 J	TO-92var
-	BCW90C	ThmsnCSFEFC	40	120	800m	80M	10p	30n	50	610m	4.8m	150 J	TO-92var
-	BCW90KC	ThmsnCSFEFC	40	120	800m								