

# LOW-POWER SILICON PNP

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 &gt;= 20 V, (Cont'd)</b>													
-	PN6076	CentralSemi	25	100	100m			100n	25	625m	5.0m	150 J	TO-92
-	V761	SGS-Ates	25	100	100m	90M	8.0p	50n	25	400m	2.0m	175	TO-18
-	2SA628	Solid Stinc	25	100	100m	100M		1.0u	30	150m	1.5m	125 J	TO-92
-	L9015	Semi Inc	25	100	100m	120M	3.5p			300m			TO-92
5	L9015	Advncd Semi	25	100	100m	120M	3.5p			300m			TO-92
-	MPS6172	Motorola	25	100	100m	120M		100n	25	350m	2.8m	150 J	TO-92
-	BC186	See Index	25	100	100m	168M		100n	40	300m	2.0m	175 J	TO-18
-	MPS3638A	See Index	25	100	350m	150M	10p	35n	25	620m	2.8m	150 J	TO-226AA
-	BCX18	See Index	25	100	500m	100M	8.0p	100n	30	225m	1.8m	150 J	SOT-23
10	BCX18R	FerrantiLtd	25	100	500m	100M		100n		425m	2.5m	150 J	SOT-89
-	BCX18R	AmperexElec	25	100	500m	100M		100n		425m	2.5m	150 J	SOT-89
-	BCX18R	PhilipsElec	25	100	500m	100M		100n		425m	2.5m	150 J	SOT-89
-	BC328	See Index	25	100	500m	100M	15p	100n	30	500m	5.0m	150 J	TO-226AA
-	BC328-18	Motorola	25	100	500m	100M	15p	100n	30	500m	5.0m	150 J	TO-18
15	BC328-5	Motorola	25	100	500m	100M	15p	100n	30	500m	5.0m	150 J	TO-5
-	BC328L	Semelab	25	100	500m	100M	15p	100n	30	500m	5.0m	150 J	TO-226AA
-	BC808	AmperexElec	25	100	500m	100M	8.0p	100n	30	310m		150 J	TO-236
-	BC808-16	See Index	25	100	500m	100M	10p	100n	30	300m	2.4m	150 J	SOT-23
-	A5T3638A	SemiconTech	25	100	500m	150M	10p	35n	25	625m	5.0m	150 S	TO-92var
20	MPS3638AK	CrimsonSemi	25	100	500m	150M	10p	35n	25	500m	3.3m	175 A	TO-92var
-	PN3638A	See Index	25	100	500m	150M	10p	25n	25	600m	4.8m	150 J	TO-92
-	TP3638A	SprgueElec	25	100	500m	150M	10p	25n	25	500m		150 J	TO-226
-	2N6076	See Index	25	100	800m	200M		100n	25	360m	3.6m	150 J	TO-98
25	2N3638A	See Index	25	100	800m	150M	10p	35n	35	300m	3.0m	150 J	TO-92
-	25B811	NEC Corp JA	25	100	1.0	110M	36p	100n	30	350	2.8m	150 J	SPAK
-	25B624	NEC Corp JA	25	110	700m	160M	17p	100n	30	200m		150 J	SOT-23
-	25B624	NECElecsInc	25	110	700m	160M	17p	100n	30	200m		150 J	SOT-23
-	25B1035C	MitsubiElec	25	110	1.0	100M		100n	30	900m		150 J	MicroTO-92
-	TEC9012G	ToshibaCorp	25	118	800m			100n	30	625m	5.0m	150 J	TO-92
30	BC308	See Index	25	120	100m	150M	6.0p	15n	30	250m	3.0m	125 J	TO-226AA
-	BC308-18	Motorola	25	120	100m	150M	6.0p	15n	30	250m	3.0m	125 J	TO-18
-	BC308-5	Motorola	25	120	100m	150M	6.0p	15n	30	250m	3.0m	125 J	TO-5
-	BC308A	See Index	25	120	100m	150M	6.0p	15n	30	250m	3.0m	150 J	TO-226AA
35	BC308A18	Motorola	25	120	100m	150M	6.0p	15n	30	250m	3.0m	150 J	TO-18
-	BC308A5	Motorola	25	120	100m	150M	6.0p	15n	30	250m	3.0m	150 J	TO-5
-	BC309	See Index	25	120	100m	150M	6.0p	15n	30	250m	3.0m	125 J	TO-226AA
-	BC309-18	Motorola	25	120	100m	150M	6.0p	15n	30	250m	3.0m	125 J	TO-18
-	BC309-5	Motorola	25	120	100m	150M	6.0p	15n	30	250m	3.0m	125 J	TO-5
-	BC309A	See Index	25	120	100m	150M	6.0p	15n	30	250m	3.0m	150 J	TO-226AA
40	BC309A18	Motorola	25	120	100m	150M	6.0p	15n	30	250m	3.0m	150 J	TO-18
-	BC309A5	Motorola	25	120	100m	150M	6.0p	15n	30	250m	3.0m	150 J	TO-5
-	BC178P	FerrantiLtd	25	120	200m	130M	4.5p	100n	30	300m		175 J	TO-18
-	MPS4126	Samsung	25	120	200m	170M	4.5p	50n	25	625m	5.0m	150 J	TO-226AA
45	MPS4126	Motorola	25	120	200m	170M	4.5p	50n	25	625m	5.0m	150 J	TO-226AA
-	BC258	See Index	25	120	500m	130M		100n	30	300m	2.2m	150 J	TO-92
-	BC258A	See Index	25	120	500m	130M	6.0p	100n	30	500m	2.4m	150 J	TO-92
-	BC158A	Semi Ltd	25	125	100m	150M		100n	30	350m	3.5m	125 J	N/A
-	BC158A	Bharat	25	125	100m	150M		100n	30	350m	3.5m	125 J	N/A
-	BC158A	NthAmerSemi	25	125	100m	150M		100n	30	350m	3.5m	125 J	N/A
50	BC298/7	Semelab	25	125	1.0	150M				370m		150 J	TO-18
-	BC187	Semelab	25	140	100m	191M		100n	30	300m	2.0m	175 J	TO-18
-	BC187	Micro Elecs	25	140	100m	191M		100n	30	300m	2.0m	175 J	TO-18
-	BC187	CentralSemi	25	140	100m	191M		100n	30	300m	2.0m	175 J	TO-18
55	TEC9012H	ToshibaCorp	25	144	800m			100n	30	625m	5.0m	150 J	TO-92
-	2N4288	See Index	25	150	100m	40M	8.0p	50n	30	250m	2.0m	150 J	TO-92var
-	BC179VI	Mistral SpA	25	150	100m	150M	7.0p		30	300m			TO-18
-	2N5999	See Index	25	150	500m	140M		30n	35	400m	4.0m	150 J	TO-98
-	2N5813	See Index	25	150	750m		15p	100n	35	500m	4.5m	135 J	TO-92
-	GE55813	GE Solid St	25	150	750m	150M		100n	35	500m	4.5m	150 J	TO-92
60	TP5813	SprgueElec	25	150	800m		15p	100n	35			150 J	TO-226
-	D29E2	SprgueElec	25	150	800m	135M		100n	35	500m	4.0m	150 J	TO-98
-	D29E2	GE Solid St	25	150	800m	135M		100n	35	500m	4.0m	150 J	TO-98
-	BC808-25	See Index	25	160	500m	100M	10p	100n	30	300m	2.4m	150 J	SOT-23
65	BC328AP	FerrantiLtd	25	160	800m	100M	12p	100n		625m	5.0m	150 J	TO-92var
-	BC178AP	FerrantiLtd	25	170	100m	130M	4.5p	100n		300m	2.0m	175 J	TO-92var
-	TEC9012I	ToshibaCorp	25	176	800m			100n	30	625m	5.0m	150 J	TO-92
-	BC258B	See Index	25	180	500m	130M	6.0p	100n	30	500m	2.4m	150 J	TO-92
-	2SA952M	NECElecsInc	25	180	700m	160M	17p	100n	30	600m		150 J	TO-92
-	25B810M	NECElecsInc	25	180	700m	160M	17p	100n	30	350m	2.8m	150 J	SPAKvar
70	25B1035D	MitsubiElec	25	180	1.0	100M		100n	30	900m		150 J	MicroTO-92
-	25B811M	NECElecsInc	25	180	1.0	110M	36p	100n	30	350m	2.8m	150 J	SPAKvar
-	BC308B	See Index	25	200	100m	150M		15n	30	300m	3.0m	150 J	TO-226AA
-	BC308B18	Motorola	25	200	100m	150M		15n	30	300m	3.0m	150 J	TO-18
-	BC308B5	Motorola	25	200	100m	150M		15n	30	300m	3.0m	150 J	TO-5
75	BC309B	See Index	25	200	100m	150M	6.0p	15n	30	250m	3.0m	150 J	TO-226AA
-	BC309B18	Motorola	25	200	100m	150M	6.0p	15n	30	250m	3.0m	150 J	TO-18
-	BC309B5	Motorola	25	200	100m	150M	6.0p	15n	30	250m	3.0m	150 J	TO-5
-	25B810	NEC Corp JA	25	200	-7	160M	17p	-1u	-30	350m	2.8m	150 J	SPAKvar
-	2SA1298	ToshibaCorp	25	200	800m	120M	13p	100n	30	200m	1.6m	150 J	SOT-89
80	25B564	NEC Corp JA	25	200	1.0	110M	36p	100n	30	800m	6.4m	150 J	N/A
-	25B564	NECElecsInc	25	200	1.0	110M	36p	100n	30	800m	6.4m	150 J	N/A
-	25B1119R	See Index	25	200	1.0	180M	15p	100n	25	500m		150 J	SOT-89
-	25B1121R	Sanyo Elect	25	200	2.0	150M	19p	100n	30	500m		150 J	SOT-89
85	TEC9012J	ToshibaCorp	25	214	800m			100n	30	625m	5.0m	150 J	TO-92
-	BC308P	FerrantiLtd	25	220	100m	130M	6.0p	100n	30	300m	2.4m	150 J	TO-92var
-	25B810J	NECElecsInc	25	220	700m	160M	17p	100n	30	350m	2.8m	150 J	SPAKvar
-	25B811J	NECElecsInc	25	220	1.0	110M	36p	100n	30	350m	2.8m	150 J	SPAKvar
-	BC158B	Semi Ltd	25	240	100m	150M		100n	30	350m	3.5m	125 J	N/A
-	BC158B	NthAmerSemi	25	240	100m	150M		100n	30	350m	3.5m	125 J	N/A
90	BC158B	Bharat	25	240	100m	150M		100					