

LOW-POWER SILICON PNP

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} ≥ 70 V, (Cont'd)													
-	BC448A	ITT SemiIntr	80	60	300m	100M		100n	80	625m	5.0m	150 J	TO-226AA
-	BC448A	Motorola	80	60	300m	100M		100n	80	625m	5.0m	150 J	TO-226AA
-	2SB647	Hitachi Ltd	80	60	1.0					900m			TO-92
-	2SB1025	Hitachi Ltd	80	60	1	140M	20p	10u	120	1.0		150 J	SOT-23
5	BC490	See Index	80	60	1.0	150M	9.0p	100n	80	625m	5.0m	150 J	TO-226AA
-	BC490-18	Motorola	80	60	1.0	150M	9.0p	100n	80	625m	5.0m	150 J	TO-92
-	BC490-5	Motorola	80	60	1.0	150M	9.0p	100n	80	625m	5.0m	150 J	TO-92var
-	BC490L	Motorola	80	60	1.0	150M	9.0p	100n	80	625m	5.0m	150 J	TO-226AA
-	S1839	ToshibaCorp	80	70	300m	100M	14p	100n	80	625m		150 J	TO-92
10	S1839	Indust Mexi	80	70	300m	100M	14p	100n	80	625m		150 J	TO-92
-	BSV83	NthAmerSemi	80	70	1.0	100M	25p	10u	90	800m	4.0m	175 J	TO-39
-	2N4033	See Index	80	70	1.0	150M		50n	80	800m	4.5m	175 J	TO-39
-	2N4029	See Index	80	75	1	150M		.05u	80	500m	2.9m	175 J	TO-18
-	2SA606	Solid StInc	80	80	700m	50M	50p	3.0u	100	700m	5.6m	150 J	TO-39
-	2SA606	Semi Inc	80	80	700m	50M	50p	3.0u	100	700m	5.6m	150 J	TO-39
-	2SA606	Advncd Semi	80	80	700m	50M	50p	3.0u	100	700m	5.6m	150 J	TO-39
-	2SA708A	NEC Corp JA	80	80	700m	100M	25p	100n	100	800m	6.4m	150 J	TO-39
-	2SA708A	Elec Trans	80	80	700m	100M	25p	100n	100	800m	6.4m	150 J	TO-39
-	2SA954	NEC Corp JA	80	90	300m	50M	13p	100n	80	600m	4.8m	150 J	TO-92
20	2SA954	NECElecInc	80	90	300m	50M	13p	100n	80	600m	4.8m	150 J	TO-92
-	BC448B	ITT SemiIntr	80	90	300m	100M		100n	80	625m	5.0m	150 J	TO-226AA
-	BC448B	Motorola	80	90	300m	100M		100n	80	625m	5.0m	150 J	TO-226AA
-	2N3963	See Index	80	100	200m	40M	6p	.01u	80	360m	2.0m	175 J	TO-18
-	2N4018	See Index	80	100	200m	40M	6.0p	10n	80	400m	2.2m	175 J	TO-99
-	MPS8599	See Index	80	100	500m	150M	8.0p	100n	80	350m	2.8m	150 J	TO-226AA
-	AST4029	SemiconTech	80	100	1.0	150M	20p	50n	80	625m	5.0m	150 S	TO-92var
-	BC490A	Motorola	80	100	1.0	150M	9.0p	100n	80	625m	5.0m	150 J	TO-226AA
-	BC490L18	Motorola	80	100	1.0	150M	9.0p	100n	80	625m	5.0m	150 J	TO-92
-	BC490L5	Motorola	80	100	1.0	150M	9.0p	100n	80	625m	5.0m	150 J	TO-92var
30	2SB736A	NECElecInc	80	110	300m	100M	13p	100n	80	200m		150 J	SOT-23
-	2SB736A	NEC Corp JA	80	110	300m	100M	13p	100n	80	200m		150 J	TO-23
-	KT214V1	V/O Electro	80	120	40m	5.0M		0.1u		25m		125 J	N/A
-	2SA675	See Index	80	120	100m	50M	10p	1.0u	80	250m		125 J	TO-92
-	2SA682	Solid StInc	80	120	750m	100M	15p	500n	80	800m		150 J	TO-126var
-	2SA682	Elec Trans	80	120	750m	100M	15p	500n	80	800m		150 J	TO-126var
-	BSR32	PhilipsElec	80	120	1.0	100M		100n	90	1.0	8.0m	150 J	N/A
-	BSR32	AmperexElec	80	120	1.0	100M		100n	90	1.0	8.0m	150 J	N/A
-	2SB984L	NEC Corp JA	80	135	1.0	100M	20p	100n	120	1.0		150 J	SOT-23
-	2SA817O	Indust Mexi	80	140	300m	100M	14p		80	600m			TO-92
40	2SA817A-O	Indust Mexi	80	140	400m	100M	14p		80	800m			TO-92
-	2SA1202O	ToshibaCorp	80	140	400m	120M	14p	100n	80	500m	4.0m	150 J	SOT-89
-	BC490A18	Motorola	80	140	1.0	150M	9.0p	100n	80	625m	5.0m	150 J	TO-92
-	BC490A5	Motorola	80	140	1.0	150M	9.0p	100n	80	625m	5.0m	150 J	TO-92var
-	2SA1315O	Indust Mexi	80	140	2.0	80M	45p		80	900m			TO-92
-	2SA984K	Sanyo Elect	80	150	500m	120M	8.0p	1.0u	100	500m		125 J	TO-92
-	SK3450	SemiconTech	80	160	500m	120M			80	750m			TO-92var
-	SK3450	GE Solid St	80	160	500m	120M			80	750m			TO-92var
-	BCX50	See Index	80	160	1.0	130M	9.0p	100n	80	625m	5.0m	150 J	TO-92
-	BC490B	Motorola	80	160	1.0	150M	9.0p	100n	80	625m	5.0m	150 J	TO-226AA
50	2SB726	Matsushita	80	180	100m			100n	80	250m		125 J	TO-92
-	2SA954M	NECElecInc	80	180	300m	100M	13p	100n	80	600m		150 J	TO-92
-	2SA817	See Index	80	200	300m	80M	12p	100n	80	625m	5.0m	150 J	TO-98var
-	2SB984K	NEC Corp JA	80	200	1.0	100M	20p	100n	120	1.0		150 J	SPAKvar
-	BFX37	See Index	80	230	100m	40M		10n		360m		175 J	TO-18
-	2SA817Y	Indust Mexi	80	240	300m	100M	14p		80	600m			TO-92
-	2SA817A-Y	Indust Mexi	80	240	400m	100M	14p		80	800m			TO-92
-	2SA1202Y	ToshibaCorp	80	240	400m	120M	14p	100n	80	500m	4.0m	150 J	SOT-89
-	2SA1315	ToshibaCorp	80	240	2.0	80M	45p	7.0u	80	900m	7.2m	150 J	MicroTO-92
-	2SA1315Y	Indust Mexi	80	240	2.0	80M	45p		80	900m			TO-92
60	BC490B18	Motorola	80	260	1.0	150M	9.0p	100n	80	625m	5.0m	150 J	TO-92
-	BC490B5	Motorola	80	260	1.0	150M	9.0p	100n	80	625m	5.0m	150 J	TO-92var
-	2SA785	Rohm Co Ltd	80	270	50m	180M	6.5p			150m			SIP
-	2SA785	Rohm Corp	80	270	50m	180M	6.5p			150m			SIP
-	2SA825	Rohm Co Ltd	80	270	50m	180M	6.5p			250m			TO-92
-	2SA825	Rohm Corp	80	270	50m	180M	6.5p			250m			TO-92
-	2SA825S	Rohm Corp	80	270	50m	180M	6.5p			250m			SPAK
-	2SA825S	Rohm Co Ltd	80	270	50m	180M	6.5p			250m			SPAK
-	2SA954L	NECElecInc	80	270	300m	100M	13p		80	600m		150 J	TO-92
-	BFW21	NthAmerSemi	80	300	40M			.01u	80	360m	2.0m	175 J	TO-18
70	BSR33	AmperexElec	80	300	1.0	100M	6p	100n	90	1.0	8.0m	150 J	N/A
-	BSR33	PhilipsElec	80	300	1.0	100M		100n	90	1.0		150 J	N/A
-	2SB560	Advncd Semi	80	320	700m	100M	15p	1.0u	100	750m		125 S	MicroTO-92
-	2SB560	Sanyo Elect	80	320	700m	100M	15p	1.0u	100	750m		125 S	MicroTO-92
-	2SB560	Semi Inc	80	320	700m	100M	15p	1.0u	100	750m		125 S	MicroTO-92
-	2SB767	Matsushita	80	330	500m	120M	20p	100m	80	1.0	8.0m	150 J	SOT-89
-	2SB1198K (A)	Rohm Co Ltd	80	390	500m	100M	14p			200m			SOT-23
-	2SA935	Rohm Co Ltd	80	390	700m	100M				750m			TO-92
-	2SA935	Rohm Corp	80	390	700m	100M				750m			TO-92
-	2SB851	Rohm Corp	80	390	700m	100M	14p			600m			SIP
-	2SB851	Rohm Co Ltd	80	390	700m	100M	14p			600m			SIP
-	2SB1041	Rohm Co Ltd	80	390	1.0	100M				900m			TO-92
-	2SB1041	Rohm Corp	80	390	1.0	100M				900m			TO-92
-	2SA1316GR	Indust Mexi	80	400	100m	50M	6.2p		80	400m			TO-92
-	2SA1158GR	Indust Mexi	80	400	100m	80M	3.0p		80	400m			TO-92
-	2SA954K	NECElecInc	80	400	300m	100M	13p	100n	80	600m		150 J	TO-92
-	2SA1450	Sanyo Elect	80	400	500m	120M	7.0p		100	600m			TO-92
-	2SA1137	Rohm Co Ltd	80	560	100m	90M	4.0p	0.1u	100	300m			TO-92
-	2SA1137	Rohm Corp	80	560	100m	90M	4.0p			300m			TO-92
-	2SA1316BL	Indust Mexi	80	700	100m	50M	6.2p		80	400m			TO-92
90	2SA1316	ToshibaCorp	80	700	100m	52M	6.2p	100n	80	400m	6.0m	125 J	TO-92
-	2SA1039	Rohm Corp	80	820	50m	140M	3.4p			300m			TO-92
-	2SA1039	Rohm Co Ltd	80	820	50m	140M	3.4p			300m			TO-92
-	2SA1198	Rohm Corp	80	820	50m	140M	3.4p			400m			TO-92
-	2SA1198	Rohm Co Ltd	80	820	50m	140M	3.4p			400m			TO-92
-	2SA1198S	Rohm Corp	80	820	50m	140M	3.4p			300m			SPAK
-	2SA1198S	Rohm Co Ltd	80	820	50m	140M	3.4p			300m			SPAK
-	BF397	See Index	90	20	100m			50n	90	625m	5.0m	150 S	TO-92var