

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} ≥ 50 V, (Cont'd)													
-	TEC9015B	ToshibaCorp	50	100	150m	100M	4.0p	50n	50	625m	5.0m	150 J	TO-92
-	2SA661	Solid Stinc	50	100	200m	100M	20p	100n	70	600m		150 J	SPAKvar
-	2SB1002	Hitachi Ltd	50	100	1.0	65M	35p	0.1u	70	1.0		150 J	SOT-23
-	2SB1059	Hitachi Ltd	50	100	1.0	65M	35p	1u	70	750m		150 J	TO-92
5	2SB740	Hitachi Ltd	50	100	1.0	65M				900m			TO-92
-	BFT71	NthAmerSemi	50	100	1.0	100M	10p	100n	60	360m	2.0m	175 A	TO-18
-	BFT71	Semelab	50	100	1.0	100M	10p	100n	60	360m	2.0m	175 A	TO-18
-	BFT81	NthAmerSemi	50	100	1.0	100M	10p	100n	60	800m	4.5m	175 A	TO-39
-	BFT81	Semelab	50	100	1.0	100M	10p	100n	60	800m	4.5m	175 A	TO-39
10	2SA493G	ToshibaCorp	50	120	150m	80M	6.0p	100n	50	400m	4.0m	125 J	TO-92
-	2SA1313	ToshibaCorp	50	120	500m	150M	7.0p	100n	50	200m	1.6m	150 J	SOT-89
-	2SA1326	ToshibaCorp	50	120	500m	150M	7.0p	100n	50	200m	1.6m	150 J	SOT-89
-	TED1602C	ToshibaCorp	50	125	150m	150M	3.5p	100n	50	400m	4.0m	125	TO-92
-	NB122EH	Natl Semi	50	127	100m	100M	3.0p	100n	55	600m		150 J	TO-92
-	NB122FH	Natl Semi	50	127	100m	100M	3.0p	100n	55	600m		150 J	TO-92
-	NB222EH	Natl Semi	50	127	500m	50M	4.5p	500n	55	600m		150 J	TO-92
-	NB222FH	Natl Semi	50	127	500m	50M	4.5p	500n	55	600m		150 J	TO-92
-	NB222XH	Natl Semi	50	127	500m	50M	4.5p	500n	55	600m		150 J	TO-92
-	NB222YH	Natl Semi	50	127	500m	50M	4.5p	500n	55	600m		150 J	TO-92
20	2SB1116L	NEC Corp JA	50	135	1.0	120M	25p	100n	60	750m		150 J	TO-92
-	2SA561O	Indust Mexi	50	140	150m	13p			50	300m			TO-92
-	2SA1015LO	ToshibaCorp	50	140	150m	80M	4.0p	100n	50	400m	4.0m	125 J	TO-92
-	2SA1015O	Indust Mexi	50	140	150m	80M	4.0p		50	400m			TO-92
-	2SA1048LO	ToshibaCorp	50	140	150m	80M	4.0p	100n	50	200m	2.0m	125 J	SPAK
25	2SA1020O	Indust Mexi	50	140	2.0	100M	40p		50	900m			TO-92
-	2SA1213O	ToshibaCorp	50	140	2.0	120M	40p	100n	50	500m	4.0m	150 J	SOT-89
-	TMPT5086	SprgueElec	50	150	10m	40M	4.0p	50n	50	350m		150 J	TO-236
-	NB022ET	Natl Semi	50	150	30m	120M	3.0p	100n	55	600m		150 J	TO-92
-	NB022FT	Natl Semi	50	150	30m	120M	3.0p	100n	55	600m		150 J	TO-92
30	NB024ET	Natl Semi	50	150	30m	120M	3.0p	50n	55	600m		150 J	TO-92
-	AST5086	SemiconTech	50	150	50m	40M		50n	50	625m	5.0m	150 S	TO-92var
-	MMBT5086	Natl Semi	50	150	50m	40M	4.0p	10n	50	225m	1.8m	150 J	SOT-23
-	MMBT5086	Motorola	50	150	50m	40M	4.0p	10n	50	225m	1.8m	150 J	SOT-23
-	MMBT5086	Samsung	50	150	50m	40M	4.0p	10n	50	225m	1.8m	150 J	SOT-23
35	2N5086	See Index	50	150	50m	40M	4.0p	50n	50	350m	2.8m	150 J	TO-92
-	2N4965	See Index	50	150	100m	40M	4.0p	50n	50	200m	2.0m	150 J	TO-106
-	MMST5086	Rohm Co Ltd	50	150	200m	40M	6.0p						SOT-23
-	MMST5086	Rohm Corp	50	150	200m	40M	6.0p						SOT-23
-	2SA984	Sanyo Elect	50	150	500m	120M	8.0p	1.0u	60	500m		125 J	TO-92
40	2SB764	Sanyo Elect	50	150	1.0	150M	20p	1.0u	60	900m		150 J	TO-92var
-	TED1602D	ToshibaCorp	50	176	150m	150M	3.5p	100n	50	400m	4.0m	125	TO-92
-	NB022EI	Natl Semi	50	180	30m	120M	3.0p	100n	55	600m		150 J	TO-92
-	NB022FI	Natl Semi	50	180	30m	120M	3.0p	100n	55	600m		150 J	TO-92
45	NB024EI	Natl Semi	50	180	30m	120M	3.0p	50n	55	600m		150 J	TO-92
-	NB122EI	Natl Semi	50	180	100m	100M	3.0p	100n	55	600m		150 J	TO-92
-	NB122FI	Natl Semi	50	180	100m	100M	3.0p	100n	55	600m		150 J	TO-92
-	2SA1175R	NECElecsInc	50	180	100m	180M	4.5p	100n	60	300m	3.0m	125 J	SPAKvar
-	2SA733R	NECElecsInc	50	180	100m	180M	4.5p	100n	60	250m		125 J	TO-92
-	2SA1252D4	Sanyo Elect	50	180	150m	100M	3.5p	0.1u	60	200m		125 J	SOT-23
50	2SA1331-4	Sanyo Elect	50	180	150m	100M	3.5p	0.1u	60	150m		125 J	SOT-23var
-	NB222EI	Natl Semi	50	180	500m	50M	4.5p	500n	55	600m		150 J	TO-92
-	NB222FI	Natl Semi	50	180	500m	50M	4.5p	500n	55	600m		150 J	TO-92
-	NB222XI	Natl Semi	50	180	500m	50M	4.5p	500n	55	600m		150 J	TO-92
-	NB222YI	Natl Semi	50	180	500m	50M	4.5p	500n	55	600m		150 J	TO-92
55	NB022EY	Natl Semi	50	190	30m	120M	3.0p	100n	55	600m		150 J	TO-92
-	NB022FY	Natl Semi	50	190	30m	120M	3.0p	100n	55	600m		150 J	TO-92
-	NB024EY	Natl Semi	50	190	30m	120M	3.0p	50n	55	600m		150 J	TO-92
-	NB122EY	Natl Semi	50	190	100m	100M	3.0p	100n	55	600m		150 J	TO-92
-	NB122FY	Natl Semi	50	190	100m	100M	3.0p	100n	55	600m		150 J	TO-92
60	NB222EY	Natl Semi	50	190	500m	50M	4.5p	500n	55	600m		150 J	TO-92
-	NB222FY	Natl Semi	50	190	500m	50M	4.5p	500n	55	600m		150 J	TO-92
-	NB222XY	Natl Semi	50	190	500m	50M	4.5p	500n	55	600m		150 J	TO-92
-	NB222YY	Natl Semi	50	190	500m	50M	4.5p	500n	55	600m		150 J	TO-92
65	JE9215B	NEC Corp JA	50	195	100m			100n	60	300m		135 J	TO-92
-	2SA1175	NEC Corp JA	50	200	100m	180M	4.5p	100n	60	250m	2.5m	150 J	SPAK
-	2SA812	NECElecsInc	50	200	100m	180M	4.5p	0.1u	60	200m		150 J	SOT-23
-	2SA1311	ToshibaCorp	50	200	150m	80M	4.0p	100n	50	150m	1.5m	125 J	SOT-89
-	TEC9015C	ToshibaCorp	50	200	150m	100M	4.0p	50n	50	625m	5.0m	150 J	TO-92
-	2SA1237E	Sanyo Elect	50	200	150m	100M	5.0p	0.1u	55	200m		150 S	SO
70	2SB605	NEC Corp JA	50	200	700m	120M	25p	100n	60	800m	6.4m	150 J	SPAKvar
-	2SB605	NECElecsInc	50	200	700m	120M	25p	100n	60	800m	6.4m	150 J	SPAKvar
-	2SB1116K	NEC Corp JA	50	200	1.0	120M	25p	100n	60	750m		150 J	TO-92
-	2SB1123R	Sanyo Elect	50	200	2.0	150M	12p	100n	60	500m		150 J	SOT-89
-	2SA1175J	NECElecsInc	50	220	100m	180M	4.5p	100n	60	300m	3.0m	125 J	SPAKvar
75	TED1602E	ToshibaCorp	50	223	150m	150M	3.5p	100n	50	400m	4.0m	125 J	TO-92
-	2SA929	Sanyo Elect	50	230	50m	80M	5.0p	100u	55	200m	2.3m	125 J	TO-92
-	2SA561Y	Indust Mexi	50	240	150m		13p		50	300m			TO-92
-	2SA1015LY	ToshibaCorp	50	240	150m	80M	4.0p	100n	50	400m	4.0m	125 J	TO-92
-	2SA1015Y	Indust Mexi	50	240	150m	80M	4.0p		50	400m			TO-92
80	2SA1048LY	ToshibaCorp	50	240	150m	80M	4.0p	100n	50	200m	2.0m	125 J	SPAK
-	2SA495G-TM-Y	Indust Mexi	50	240	150m	200M	5.0p		50	400m			TO-92
-	2SA1213Y	ToshibaCorp	50	240	2.0	120M	40p	100n	50	500m	4.0m	150 J	SOT-89
-	2SB434G	ToshibaCorp	50	240	3.0	3.0M	150p	10u	60	1.5	13m	150 J	TO-220AB
-	2SA1020Y	Indust Mexi	50	240	20	100M	40p		50	900m			TO-92
85	HSE318	Hybrid Semi	50	250		150M		1.0u	70	300m	3.0m	125 J	TO-106var
-	TMPT5087	SprgueElec	50	250	10m	40M	4.0p	50n	50	350m		150 J	TO-236
-	AST5087	SemiconTech	50	250	50m	40M		50n	50	625m	5.0m	150 S	TO-92var
-	MMBT5087	Samsung	50	250	50m	40M	4.0p	10n	50	225m	1.8m	150 J	SOT-23
-	MMBT5087	Natl Semi	50	250	50m	40M	4.0p	10n	50	225m	1.8m	150 J	SOT-23
90	MMBT5087	Motorola	50	250	50m	40M	4.0p	10n	50	225m	1.8m	150 J	SOT-23
-	2N5087	See Index	50	250	50m								