

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 _o Max (W)	Derate at (W/°C)	T _{Oper} Max (°C)	Package Style
V(BR)CEO >= 30 V, (Cont'd)													
-	NB321F	Natl Semi	35	30	1.5	20M	17p	500n	40	600m		150 J	TO-92
-	NB321X	Natl Semi	35	30	1.5	20M	17p	500n	40	600m		150 J	TO-92
-	NB321Y	Natl Semi	35	30	1.5	20M	17p	500n	40	600m		150 J	TO-92
-	2N2105	Space Power	35	33	600m	50.M	35p	.02u	50	800m	4.5m	175 J	TO-5
5	2N2105	Hybrid Semi	35	33	600m	50.M	35p	.02u	50	800m	4.5m	175 J	TO-5
-	2N2105	CrimsonSemi	35	33	600m	50.M	35p	.02u	50	800m	4.5m	175 J	TO-5
-	2N1026A	See Index	35	36	100m	2.0M	7.0p	.02u	35	400m	500u	175 J	TO-5
-	2N1469	See Index	35	36	100m	2.0M		25n	40	250m	1.6m	175 J	TO-5
-	2N940	See Index	35	36	100m	2.0M		25n	40	250m	1.6m	175 S	TO-18
10	V410A	Semelab	35	40		170M		.10u	35	700m	4.0m	175 J	TO-39
-	V410A	SGS-Ates	35	40		170M	20p	.10u	35	700m	4.0m	175 J	TO-39
-	2SA673	Elec Trans	35	40	500m			500n	35	400m	4.0m	125 J	SPAKvar
-	2SA673	Hitachi Ltd	35	40	500m			500n	35	400m	4.0m	125 J	SPAKvar
-	2SA673	Solid Stinc	35	40	500m			500n	35	400m	4.0m	125 J	SPAKvar
-	2N2946A	See Index	35	50	100m	5.0M	10p	5.0u	40	400m	2.3m	175 S	TO-46
15	2SA558	Elec Trans	35	50	200m			1.0u	40	350m	2.3m	175 J	TO-18
-	2SA559A	Elec Trans	35	50	200m			500n	40	350m	2.3m	175 J	TO-18
-	ZTX501	FerrantiLtd	35	50	500m	150M	6.0p	200n	35	300m	3.0m	175 S	TO-92var
-	ZT181	FerrantiLtd	35	55	500m	150M	15p	500n	45	300m	2.4m	150 J	TO-18
20	NB221EX	Natl Semi	35	58	500m	50M	4.5p	500n	40	600m		150 J	TO-92
-	NB221FX	Natl Semi	35	58	500m	50M	4.5p	500n	40	600m		150 J	TO-92
-	NB221XX	Natl Semi	35	58	500m	50M	4.5p	500n	40	600m		150 J	TO-92
-	NB221YX	Natl Semi	35	58	500m	50M	4.5p	500n	40	600m		150 J	TO-92
-	2SA1121	Hitachi Ltd	35	60	100m					150m			TO-236
25	2N2104	Hybrid Semi	35	60	600m	60.M	35p	.02u	50	800m	4.5m	175 J	TO-5
-	2N2104	CrimsonSemi	35	60	600m	60.M	35p	.02u	50	800m	4.5m	175 J	TO-5
-	2N2104	Space Power	35	60	600m	60.M	35p	.02u	50	800m	4.5m	175 J	TO-5
-	2N2946	See Index	35	70	100m	5.0M	10p	.50n	40	400m	4.3m	175 J	TO-46
-	2N2303	See Index	35	75	500m	60M	45p	1.0u	50	600m	4.0m	175 J	TO-5
30	NB221EG	Natl Semi	35	85	500m	50M	4.5p	500n	40	600m		150 J	TO-92
-	NB221FG	Natl Semi	35	85	500m	50M	4.5p	500n	40	600m		150 J	TO-92
-	NB221XG	Natl Semi	35	85	500m	50M	4.5p	500n	40	600m		150 J	TO-92
-	NB221YG	Natl Semi	35	85	500m	50M	4.5p	500n	40	600m		150 J	TO-92
35	ZT182	FerrantiLtd	35	90	500m	150M	15p	500n	45	300m	2.4m	150 J	TO-18
-	ST61000	SemiconTech	35	100	100m	40M	7p	.20n	40	400m	4.3m		TO-46
-	ZTX502	FerrantiLtd	35	100	500m	150M	6.0p	200n	35	300m	3.0m	175 S	TO-92var
-	ST8182	SemiconTech	35	100	1.0	100M	11p	50n	50	400m	2.2m	175 J	TO-18
-	ST8184	SemiconTech	35	100	1.0	100M	11p	50n	50	600m	3.4m	175 J	TO-5
-	BC315	See Index	35	125	100m		5.0p	15n	45	300m	2.4m	150 S	TO-92var
40	NB121EH	Natl Semi	35	127	100m	100M	3.0p	100n	40	600m		150 J	TO-92
-	NB121FH	Natl Semi	35	127	100m	100M	3.0p	100n	40	600m		150 J	TO-92
-	NB221EH	Natl Semi	35	127	500m	50M	4.5p	500n	40	600m		150 J	TO-92
-	NB221FH	Natl Semi	35	127	500m	50M	4.5p	500n	40	600m		150 J	TO-92
45	NB221XH	Natl Semi	35	127	500m	50M	4.5p	500n	40	600m		150 J	TO-92
-	NB221YH	Natl Semi	35	127	500m	50M	4.5p	500n	40	600m		150 J	TO-92
-	NB021ET	Natl Semi	35	150	30m	120M	3.0p	100n	40	600m		150 J	TO-92
-	NB021FT	Natl Semi	35	150	30m	120M	3.0p	100n	40	600m		150 J	TO-92
-	NB023ET	Natl Semi	35	150	30m	120M	3.0p	50n	40	600m		150 J	TO-92
-	NB023FT	Natl Semi	35	150	30m	120M	3.0p	50n	40	600m		150 J	TO-92
50	2SA987	NEC Corp JA	35	150	100m	50M	10p	50n	40	500m		125 J	TO-92
-	NB021EI	Natl Semi	35	180	30m	120M	3.0p	100n	40	600m		150 J	TO-92
-	NB021FI	Natl Semi	35	180	30m	120M	3.0p	100n	40	600m		150 J	TO-92
-	NB023EI	Natl Semi	35	180	30m	120M	3.0p	50n	40	600m		150 J	TO-92
55	NB023FI	Natl Semi	35	180	30m	120M	3.0p	50n	40	600m		150 J	TO-92
-	2SA1034	Matsushita	35	180	50m			100n	35	200m		125 J	SOT-89
-	NB121EI	Natl Semi	35	180	100m	100M	3.0p	100n	40	600m		150 J	TO-92
-	NB121FI	Natl Semi	35	180	100m	100M	3.0p	100n	40	600m		150 J	TO-92
-	NB221EI	Natl Semi	35	180	500m	50M	4.5p	500n	40	600m		150 J	TO-92
-	NB221FI	Natl Semi	35	180	500m	50M	4.5p	500n	40	600m		150 J	TO-92
60	NB221XI	Natl Semi	35	180	500m	50M	4.5p	500n	40	600m		150 J	TO-92
-	NB221YI	Natl Semi	35	180	500m	50M	4.5p	500n	40	600m		150 J	TO-92
-	NB021EY	Natl Semi	35	190	30m	120M	3.0p	100n	40	600m		150 J	TO-92
-	NB021FY	Natl Semi	35	190	30m	120M	3.0p	100n	40	600m		150 J	TO-92
65	NB023EY	Natl Semi	35	190	30m	120M	3.0p	50n	40	600m		150 J	TO-92
-	NB023FY	Natl Semi	35	190	30m	120M	3.0p	50n	40	600m		150 J	TO-92
-	NB121EY	Natl Semi	35	190	100m	100M	3.0p	100n	40	600m		150 J	TO-92
-	NB121FY	Natl Semi	35	190	100m	100M	3.0p	100n	40	600m		150 J	TO-92
-	NB221EY	Natl Semi	35	190	500m	50M	4.5p	500n	40	600m		150 J	TO-92
-	NB221FY	Natl Semi	35	190	500m	50M	4.5p	500n	40	600m		150 J	TO-92
70	NB221XY	Natl Semi	35	190	500m	50M	4.5p	500n	40	600m		150 J	TO-92
-	NB221YY	Natl Semi	35	190	500m	50M	4.5p	500n	40	600m		150 J	TO-92
-	2SA930	Sanyo Elect	35	230	50m	80M	5.0p	100u	40	200m	2.3m	125 J	TO-92
-	NB021EJ	Natl Semi	35	260	30m	120M	3.0p	100n	40	600m		150 J	TO-92
-	NB021FJ	Natl Semi	35	260	30m	120M	3.0p	100n	40	600m		150 J	TO-92
75	NB023EJ	Natl Semi	35	260	30m	120M	3.0p	50n	40	600m		150 J	TO-92
-	NB023FJ	Natl Semi	35	260	30m	120M	3.0p	50n	40	600m		150 J	TO-92
-	NB121EJ	Natl Semi	35	260	100m	100M	3.0p	100n	40	600m		150 J	TO-92
-	NB121FJ	Natl Semi	35	260	100m	100M	3.0p	100n	40	600m		150 J	TO-92
-	NB221EJ	Natl Semi	35	260	500m	50M	4.5p	500n	40	600m		150 J	TO-92
80	NB221FJ	Natl Semi	35	260	500m	50M	4.5p	500n	40	600m		150 J	TO-92
-	NB221XJ	Natl Semi	35	260	500m	50M	4.5p	500n	40	600m		150 J	TO-92
-	NB221YJ	Natl Semi	35	260	500m	50M	4.5p	500n	40	600m		150 J	TO-92
-	NB021EU	Natl Semi	35	320	30m	120M	3.0p	100n	40	600m		150 J	TO-92
85	NB021FU	Natl Semi	35	320	30m	120M	3.0p	100n	40	600m		150 J	TO-92
-	NB023EU	Natl Semi	35	320	30m	120M	3.0p	50n	40	600m		150 J	TO-92
-	NB023FU	Natl Semi	35	320	30m	120M	3.0p	50n	40	600m		150 J	TO-92
-	NB021EK	Natl Semi	35	380	30m	120M	3.0p	100n	40	600m		150 J	TO-92
-	NB021FK	Natl Semi	35	380	30m	120M	3.0p	100n	40	600m		150 J	TO-92
-	NB023EK	Natl Semi	35	380	30m	120M	3.0p	50n	40	600m		150 J	TO-92
90	NB023FK	Natl Semi	35	380	30m	120M	3.0p	50n	40	600m		150 J	TO-92
-	2SA987P	NEC/ElectsInc	35	400	100m	90M	5.5p	50n	40	500m		125 J	TO-92
-	NB021EL	Natl Semi	35	580	30m	120M	3.0p	100n	40	600m		150 J	TO-92
-	NB021EZ	Natl Semi	35	580	30m	120M	3.0p	100n	40	600m		150 J	TO-92
-	NB021FL	Natl Semi	35	580	30m	120M	3.0p	100n	40	600m		150 J	TO-92
95	NB021FZ	Natl Semi	35	580	30m	120M	3.0p	100n	40	600m		150 J	TO-92
-	NB023EL	Natl Semi	35	580	30m	120M	3.0p	50n	40	600m		150 J	TO-92
-	NB023EZ	Natl Semi	35	580	30m	120M	3.0p	50n	40	600m		150 J	TO-92