

# LOW-POWER SILICON NPN

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 ≥ 400 V, (Cont'd)</b>													
-	TRS801	See Index	800	25		50M	14p	10u	800	600m	4.0m	175 A	TO-5
<b>Additional Transistors</b>													
-	40350	SemiconTech							35	180m			TO-104var
-	40351	SemiconTech							35	180m			TO-104var
-	40352	SemiconTech							35	180m			TO-104var
5	ST3042	SemiconTech				1.0M			1.0	50m		175 S	N/A
-	ST3043	SemiconTech				1.0M			1.0	50m		175 S	N/A
-	3N120	See Index			10m	40M	10p	.01u	30	200m	1.3m	175 S	TO-72
-	3N121	See Index			10m	40M	10p	.01u	30	200m	1.3m	175 S	TO-72
-	3N74	See Index			20m	30M	8p	.01u	50	300m	2.0m	175 S	TO-72
10	3N75	See Index			20m	30M	8p	.01u	50	300m	2.0m	175 S	TO-72
-	3N76	See Index			20m	30M	8p	.01u	50	300m	2.0m	175 S	TO-72
-	3N77	See Index			20m	30M	8p	.01u	40	300m	2.0m	175 S	TO-72
-	3N78	See Index			20m	30M	8p	.01u	40	300m	2.0m	175 S	TO-72
-	3N79	See Index			20m	30M	10p	.02u	40	300m	2.0m	175 S	TO-72
15	2N332	See Index			25m	4.0M	7.0p	2.0u	45	150m		175 J	TO-5
-	2N333	See Index			25m	5.0M	7.0p	2.0u	45	150m		175 J	TO-5
-	2N335	See Index			25m	6.0M	7.0p	2.0u	45	150m		175 J	TO-5
-	2N336	See Index			25m	7.0M	7.0p	2.0u	45	150m		175 J	TO-5
-	2N334	See Index			25m	8.0M	7.0p	2.0u	45	150m		175 J	TO-5
20	25C116	Solid Stlnc	3.5		200m	70M	20p	1.0u	50	750m	5.0m	175 J	TO-5
-	25C116	Hybrid Semi	3.5		200m	70M	20p	1.0u	50	750m	5.0m	175 J	TO-5
-	3N87	See Index	5.0		10m		3.5p	1.0n	20	200m	1.3m	175 S	TO-72
-	3N88	See Index	5.0		10m		3.5p	1.0n	20	200m	1.3m	175 S	TO-72
-	2N773	CrimsonSemi	11		100m		1.5p		20	65m	1.2m	150	TO-18
25	2N776	Space Power	11		100m		1.5p		20	110m	1.2m	150	TO-18
-	2N776	Hybrid Semi	11		100m		1.5p		20	110m	1.2m	150	TO-18
-	2N776	CrimsonSemi	11		100m		1.5p		20	110m	1.2m	150	TO-18
-	2N1149	See Index	13		25m	12M	7.0p	2.0u	45	150m	1.0m	175 S	TO-22var
-	25001	See Index	14		25m	4.0M	7.0p	30n	45	150m	769u	175 J	TO-5
30	TC117	TeledynCrys	15		25m	4.0M	7.0p	2.0u	45	150m	1.0m	175 S	TO-18
-	2N117	See Index	15		25m	4.0M	7.0p	2.0u	45	150m	1.0m	175 S	TO-22var
-	2N180	See Index	15		25m	4.0M	7.0p	10u	40	150m	1.0m	175 S	TO-22var
-	2N180A	See Index	15		25m	4.0M	7.0p	10u	40	150m	1.0m	175 S	TO-22var
35	TC118A	TeledynCrys	18		25m	8.0M	20p	2.0u	45	150m	1.0m	175 S	TO-18
-	2N118A	See Index	18		25m	8.0M	20p	2.0u	45	150m	1.0m	175 S	TO-22var
-	2N1155	See Index	19		50m	1.0M		6.0u	80	750m	5.9m	150	TO-22var
-	2N1154	See Index	19		60m	1.0M		5.0u	50	750m	5.9m	150	TO-22var
-	2N774	See Index	20		100m		1.5p		20	80m	1.2m	150	TO-18
-	2N777	See Index	20		100m		1.5p		20	130m	1.2m	150	TO-18
40	2N1150	See Index	24		25m	13M	7.0p	2.0u	45	150m	1.0m	175 S	TO-22var
-	SA2253	SemiconTech	25					.05u	40	200m		175 J	TO-78
-	25002	Genrl Diode	25		25m	4.0M	7.0p	30n	45	150m	769u	175 J	TO-5
-	25002	SemiconTech	25		25m	4.0M	7.0p	30n	45	150m	769u	175 J	TO-5
45	25003	See Index	25		25m	10M	7.0p	30n	45	150m	769u	175 J	TO-5
-	2N162	See Index	28		25m	8.0M		10u	40	150m		175 J	TO-22
-	2N162A	See Index	28		25m	8.0M		10u	40	150m		175 J	TO-22
-	TC118	TeledynCrys	29		25m	5.0M	7.0p	2.0u	45	150m	1.0m	175 J	TO-18
-	2N118	See Index	29		25m	5.0M	7.0p	2.0u	45	150m	1.0m	175 J	TO-22var
-	2N181	See Index	30		25m	5.0M	7.0p	10u	40	150m	1.0m	175 J	TO-22var
50	2N161A	See Index	30		25m	5.0M	7.0p	10u	40	150m	1.0m	175 J	TO-22var
-	2N1096	See Index	35			3.0M			90	500m			N/A
-	25C112	Solid Stlnc	35			180M	7.0p			750m	8.3m	175 J	TO-5
-	2N1095	See Index	36			3.0M			60	500m			N/A
-	2N1151	See Index	39		25m	14M	7.0p	2.0u	45	150m	1.0m	175 J	TO-22var
55	PN1613	FairchildSC	40		1.0	60M	25p		75	300m	3.3m	125 J	TO-105
-	PN1613	CentralSemi	40		1.0	60M	25p		75	300m	3.3m	125 J	TO-105
-	2N1152	See Index	49		25m	15M	7.0p	2.0u	45	150m	1.0m	175 J	TO-22var
-	25004	See Index	50		25m	4.0M	7.0p	30n	45	150m	769u	175 J	TO-5
-	2N775	See Index	50		100m		1.5p		20	150m	1.2m	150	TO-18
60	2N778	Space Power	50		100m		1.5p		20	170m	1.2m	150	TO-18
-	2N778	Hybrid Semi	50		100m		1.5p		20	170m	1.2m	150	TO-18
-	25C150	Solid Stlnc	50		100m	100M	7.0p	1.0u	20	750m			TO-5
-	25C150	RF Gain	50		100m	100M	7.0p	1.0u	20	750m			TO-5
65	2N337	See Index	55		20m	20M	1.2p	1.0u	45	125m	1.0m	150 J	TO-5
-	BSY11	Hybrid Semi	55		50m	100M			45	150m	1.0m	175 J	TO-5
-	BSY11	NthAmerSemi	55		50m	100M			45	150m	1.0m	175 J	TO-5
-	TC119	TeledynCrys	63		25m	6.0M	7.0p	2.0u	45	150m	1.0m	175 J	TO-18
-	2N119	See Index	63		25m	6.0M	7.0p	2.0u	45	150m	1.0m	175 J	TO-22var
-	2S014	SemiconTech	65		20m	20M	1.6p	1.0u	40	125m	1.0m	150 J	TO-5
70	2S014	Genrl Diode	65		20m	20M	1.6p	1.0u	40	125m	1.0m	150 J	TO-5
-	2N163	See Index	78		25m	6.0M	7.0p	10u	40	150m	1.0m	175 J	TO-22var
-	2N163A	See Index	78		25m	6.0M	7.0p	10u	40	150m	1.0m	175 J	TO-22var
-	2N338	See Index	80		20m	30M	1.2p	1.0u	45	125m	1.0m	150 J	TO-5
75	25C56	Solid Stlnc	80		25m	180M	2.3p	2.0u	20	200m	2.1m	125 J	TO-106var
-	2N1153	See Index	99		25m	16M	7.0p	2.0u	45	150m	1.0m	175 J	TO-22var
-	25005	SemiconTech	100		20m	30	1.6p	1.0u	40	125m	1.0m	150 J	TO-5
-	25005	Hybrid Semi	100		20m	30	1.6p	1.0u	40	125m	1.0m	150 J	TO-5
-	25005	Genrl Diode	100		20m	30	1.6p	1.0u	40	125m	1.0m	150 J	TO-5
-	PN1711	Micro Elecs	100		1.0	60M	25p	50n	75	300m	3.3m	125 J	TO-105
80	PN1711	FairchildSC	100		1.0	60M	25p	50n	75	300m	3.3m	125 J	TO-105
-	PN1711	CentralSemi	100		1.0	60M	25p	50n	75	300m	3.3m	125 J	TO-105
-	TC120	TeledynCrys	200		25m	7.0M	7.0p	2.0u	45	150m	1.0m	175 J	TO-18
-	2N120	See Index	200		25m	7.0M	7.0p	2.0u	45	150m	1.0m	175 J	TO-22var
85	25C858	Advncd Semi	240		50m	180M	3.0p	1.0u	20	100m		125 J	TO-106var
-	25C858	Semi Inc	240		50m	180M	3.0p	1.0u	20	100m		125 J	TO-106var
-	25C859	Solid Stlnc	240		50m	180M	3.0p	1.0u	20	100m		125 J	TO-106var

