

LOW-POWER SILICON NPN

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 >= 10 V, (Cont'd)													
-	2N1199A	Space Power	15	12	100m	75M	3.5p	700n	20	150m	833u	150 S	TO-9
-	2N770	Space Power	15	12	100m	75M	3.5p	700n	20	150m	833u	150 S	TO-18
-	2N770	Hybrid Semi	15	12	100m	75M	3.5p	700n	20	150m	833u	150 S	TO-18
-	2N3511	See Index	15	15	500m		4.0p	25n	40	360m	2.0m	175 S	TO-52
5	2N918	See Index	15	20	50m		3.0p	10n	30	200m	1.1m	175 J	TO-72
-	2N1268	See Index	15	20	100m		1.5p	.70u	20	80m	769u	150 S	TO-9
-	2N1271	See Index	15	20	100m		1.5p	.70u	20	130m	769u	150 S	TO-9
-	2N1139	See Index	15	20	100m	100M	12p	5.0u	15	500m	6.7m	175 S	TO-5
-	2N728	See Index	15	20	100m	100M	12p	5.0u	15	300m	4.0m	175 S	TO-18
10	FMMT2369	FerrantiLtd	15	20	200m		4.0p	400n	40	200m	1.3m	175 A	SOT-89
-	2N2368	See Index	15	20	500m	400M	4.0p	400n	40	360m	6.8m	175 S	TO-18
-	2N1006	See Index	15	25	25m			.10u	15	150m	1.0m	175 S	TO-5
-	2N1199	See Index	15	25	100m	125M	1.5p	700n	20	150m	1.2m	150 S	TO-9
-	PN5131	Natl Semi	15	25	200m	100M		50n	20	625m	5.0m	150 S	TO-92
15	PN5131	CentralSemi	15	25	200m	100M		50n	20	625m	5.0m	150 S	TO-92
-	PN5131	FairchildSC	15	25	200m	100M		50n	20	625m	5.0m	150 S	TO-92
-	2N476	See Index	15	30	25m	12M	10p	500n	15	200m	1.2m	175 S	TO-5
-	2N1417	See Index	15	30	50m			1.0u	15	150m	1.2m	175 S	TO-5
-	2N1663	See Index	15	30	100m	100M	3.5p	700n	20	150m	833u	150 S	TO-9
20	2N5131	See Index	15	30	100m	100M	6.0p	50n	20	620m	2.0m	150 J	TO-92
-	2N771	Space Power	15	30	100m	100M	3.5p	700n	20	150m	833u	150 S	TO-18
-	2N771	Hybrid Semi	15	30	100m	100M	3.5p	700n	20	150m	833u	150 S	TO-18
-	2N771	CrimsonSemi	15	30	100m	100M	3.5p	700n	20	150m	833u	150 S	TO-18
25	MPS5131	SprgueElec	15	30	200m	100M	4.0p	50n	20	625m	5.0m	150 J	TO-92
-	MPS5131	Motorola	15	30	200m	100M	4.0p	50n	20	625m	5.0m	150 J	TO-92
-	A5T5220	SemiconTech	15	30	500m	100M		100n	15	625m	5.0m	150 S	TO-92var
-	2N5220	See Index	15	30	500m	100M	10p	100n	15	620m	2.8m	150 J	TO-92
-	BF250	NthAmerSemi	15	30	600m	20.M	8.0p		15	400m	2.7m	175 A	TO-18
-	D4D24	SemiconTech	15	33	25m		4.0p	1.0u	15	125m	1.2m	125 J	TO-5
30	A5T5219	SemiconTech	15	35	100m	150M		100n	20	625m	5.0m	150 S	TO-92var
-	2N5219	See Index	15	35	100m	150M	4.0p	100n	20	620m	2.8m	150 J	TO-18
-	2N478	See Index	15	40	25m	20M	8.0p	500n	15	200m	1.2m	175 S	TO-5
-	BF570	PhilipsElec	15	40	100m	500M		400n	40	300m		150 J	SOT-23
-	BF570	AmpereElec	15	40	100m	500M		400n	40	300m		150 J	SOT-23
35	MM1803	NthAmerSemi	15	40	150m	500M		50n	40	600m	4.1m	175 J	TO-5
-	MM1803	Hybrid Semi	15	40	150m	500M		50n	40	600m	4.1m	175 J	TO-5
-	MM1803	SemiconTech	15	40	150m	500M		50n	40	600m	4.1m	175 J	TO-5
-	MMBT2369	Natl Semi	15	40	500m		4.0p	400n	40	225m	1.8m	150 J	SOT-23
-	MMBT2369	Motorola	15	40	500m		4.0p	400n	40	225m	1.8m	150 J	SOT-23
40	PN2369	See Index	15	40	500m		4.0p	400n	40	625m	4.8m	150 J	TO-92
-	PN2369A	See Index	15	40	500m		4.0p	400n	40	625m	4.8m	150 J	TO-92
-	2N476A	See Index	15	45		17.M			15	200m			N/A
-	2SC3545	NEC Corp JA	15	50	50m	1.3M	480f	0.1u	30	150m		125 J	SOT-23
-	2SC3545	NECElectsinc	15	50	50m	1.3M	480f	0.1u	30	150m		125 J	SOT-23
45	2N1269	See Index	15	50	100m		1.5p	.70u	20	150m	769u	150 S	TO-9
-	2N1272	See Index	15	50	100m		1.5p	.70u	20	170m	769u	150 S	TO-9
-	2N2570	Space Power	15	50	100m	100M		.01u	20	300m	2.0m	175 S	TO-18
-	2N2570	PhilipsElec	15	50	100m	100M		.01u	20	300m	2.0m	175 S	TO-18
-	2SC719	Elec Trans	15	60	200m			400n	20	200m	1.3m	175 J	TO-46
50	2N541	See Index	15	80	25m	10M	20p	500n	15	200m	1.2m	175 S	TO-5
-	D4D25	SemiconTech	15	88	25m		4.0p	1.0u	15	125m	1.2m	125 J	TO-5
-	BF357	NthAmerSemi	15	100	50m	1.6M	1.2p	10n	30	200m	1.6m	150 S	TO-92var
-	2SC3544K (A)	NEC Corp JA	15	100	50m	2.0M		100n	30	250m		125 J	TO-92
-	2SC3544L (A)	NEC Corp JA	15	100	50m	2.0M		100n	30	250m		125 J	TO-92
55	2SC3544M (A)	NEC Corp JA	15	100	50m	2.0M		100n	30	250m		125 J	TO-92
-	2SD392	MitsubiElec	15	100	300m	130M		1.0u	20	300m	3.0m	125 J	TO-92
-	2SD1367	Hitachi Ltd	15	100	2.0	80M				500m			N/A
-	2N3423	See Index	15	120			6.0p	25n	40	300m	1.7m	175 J	TO-76
-	2N3424	See Index	15	120			6.0p	25n	40	300m	1.7m	175 J	TO-76
60	FMMT2369A	FerrantiLtd	15	120	200m		4.0p	25n	40	200m		175 J	TO-236
-	PA6015S	Sid Micro	15	130			12p	200n	25	500m		135 J	TO-92
-	PA6025S	Sid Micro	15	130			12p	200n	25	1.0		135 J	TO-92
-	D4D26	SemiconTech	15	133	25m		4.0p	1.0u	15	125m	1.2m	125 J	TO-5
65	2SD227	See Index	15	150	300m			100n	30	250m	2.5m	125 J	TO-92
-	PA6015A	Sid Micro	15	220			12p	200n	25	500m		135 J	TO-92
-	KSC1395	Samsung	15	240	20m	1.1G	1.5p	100n	30	250m		125 J	TO-92
-	KSC1730	Samsung	15	240	50m	1.1G	1.5p	100n	30	250m		125 J	TO-92
-	KT3101A2	V/O Electro	15	300	20m			0.5u	30	100m		125 J	N/A
-	2SD1161	Sanyo Elect	15	400	30m	100M	6.0p	0.1u	30	150m		150 J	SOT-23
70	SG119	Semi Ltd	15	400	200m	150M	4.0p	25n	24	200m			TO-106
-	PA6015B	Sid Micro	15	450			12p	200n	25	500m		135 J	TO-92
-	2SD1757K	Rohm Co Ltd	15	560	500m	150M	15p			200m			SOT-23
-	2SD1757K	Rohm Corp	15	560	500m	150M	15p			200m			SOT-23
75	2SD1468	Rohm Corp	15	560	1.0	150M	15p			400m			TO-92
-	2SD1468	Rohm Co Ltd	15	560	1.0	150M	15p			400m			TO-92
-	2SD1468S	Rohm Co Ltd	15	560	1.0	150M	15p			300m			SPAK
-	2SD1468S	Rohm Corp	15	560	1.0	150M	15p			300m			SPAK
-	2SD1469	Rohm Co Ltd	15	560	1.0	150M	15p			600m			SIP
-	2SD1469	Rohm Corp	15	560	1.0	150M	15p			600m			SIP
80	2SD1469M	Rohm Co Ltd	15	560	1.0	150M	15p			600m			SIP
-	2SD1469M	Rohm Corp	15	560	1.0	150M	15p			600m			SIP
-	2SD1489	Hitachi Ltd	16	100	2.0	80M	20p	2.0u	20	750m		150 J	TO-92
-	2SD787	Hitachi Ltd	16	100	2.0	80M				900m			TO-92
85	2SD1951	NEC Corp JA	16	135	3.0	100M	30p	100n	20	750m		150 J	TO-92
-	2SC3242E	MitsubiElec	16	300	2.0	80M	28p	200n	20	900m		150 J	MicroTO-92
-	2SC3242F	MitsubiElec	16	500	2.0	80M	28p	200n	20	900m		150 J	MicroTO-92
-	2SC3242G	MitsubiElec	16	800	2.0	80M	28p	200n	20	900m		150 J	MicroTO-92
-	2SC1071	NEC Corp JA	17	83	200m			200n	30	300m	2.0m	175 J	TO-18
-	2N5702	See Index	18	15	500m		20p	1.0m	36	880m	20m	175 S	TO-39
90	2SC2407	NEC Corp JA	18	20	150m		1p	0.5u	35	600m		150 J	TO-92
-	2SC2407-1	NEC Corp JA	18	20	250m		3p	50u	35	600m		150 J	TO-92
-	MPS9601	Semi Inc	18	25	100m	50M	4.0p			300m			TO-92
-	MPS9623	Semi Inc	18	25	100m	100M	3.5p			310m			TO-92
-	CS9011	See Index	18	28	10								