

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 >= 50 V, (Cont'd)													
-	2SC1815LGR	Indust Mexi	50	400	150m	80M	2.0p	100n	60	400m	4.0m	125 J	TO-92
-	2SC2458LGR	ToshibaCorp	50	400	150m	80M	2.0p	100n	50	200m	2.0m	125 J	SPAK
-	2SC3134H6	Sanyo Elect	50	400	150m	100M	2.2p	0.1u	60	200m		125 J	SOT-23
-	2SC3361S6	Sanyo Elect	50	400	150m	100M	2.7p	0.1u	60	150m		125 J	SOT-23
5	2SC734GR	Indust Mexi	50	400	150m	140M	13p		50	300m			TO-92
-	TEC9014D	ToshibaCorp	50	400	150m	150M	2.0p	50n	60	625m	5.0m	150 J	TO-92
-	2SD1623T	Sanyo Elect	50	400	2.0	150M	12p	100n	60	500m		150 J	SOT-89
-	TED1402E	ToshibaCorp	50	414	150m	175M		100n	60	400m	3.2m	125 J	TO-92
-	BC182K	See Index	50	450	100m	150M	5.0p	15n	60	500m	2.0	125 J	TO-92
10	BC182KB	See Index	50	450	100m	150M	5.0p	15n	50	500m	2.0	150 J	TO-92
-	2SC3311A	Matsushita	50	460	100m	120M	3.5p	100n	60	300m	3.0m	125 J	TO-92var
-	2SC2960	Sanyo Elect	50	560	150m	100M	2.7p	0.1u	60	250m		150	SPAKvar
-	2SC2998G	Sanyo Elect	50	560	150m	100M	2.7p	0.1u	60	500m		150 J	TO-92
-	2SC3114	Sanyo Elect	50	560	150m	100M	3.0p	0.1u	60	400m		135 A	TO-92
15	2SD1623U	Sanyo Elect	50	560	2.0	150M	12p	100n	60	500m		150 J	SOT-89
-	2SD1835	Sanyo Elect	50	560	2.0	150M	12p	100n	60	750m		150 J	TO-92
-	NB012EL	Natl Semi	50	580	30m	120M	2.0p	100n	55	600m		150 J	TO-92
-	NB012EZ	Natl Semi	50	580	30m	120M	2.0p	100n	55	600m		150 J	TO-92
-	NB012FL	Natl Semi	50	580	30m	120M	2.0p	100n	55	600m		150 J	TO-92
20	NB012FZ	Natl Semi	50	580	30m	120M	2.0p	100n	55	600m		150 J	TO-92
-	NB014EL	Natl Semi	50	580	30m	120M	2.0p	50n	55	600m		150 J	TO-92
-	NB014EZ	Natl Semi	50	580	30m	120M	2.0p	50n	55	600m		150 J	TO-92
-	NB014FL	Natl Semi	50	580	30m	120M	2.0p	50n	55	600m		150 J	TO-92
-	NB014FZ	Natl Semi	50	580	30m	120M	2.0p	50n	55	600m		150 J	TO-92
25	2SC1313	Solid Stlnc	50	600	100m	100M		100n	50	150m	1.5m	125 J	TO-92
-	2SC1843F	NECElectsnc	50	600	100m	100M	3.0p	100n	60	250m		125 J	TO-92
-	2SC3134H7	Sanyo Elect	50	600	150m	100M	2.2p	0.1u	60	200m		125 J	SOT-23
-	2SC3135	Sanyo Elect	50	600	200m	100M	2.5p	0.1u	60	250m		135 A	SPAKvar
-	2SC1685	See Index	50	650	100m	150M	3.5p	1.0u	60	250m	2.2m	135 J	TO-92
30	NB012EV	Natl Semi	50	700	30m	120M	2.0p	100n	55	600m		150 J	TO-92
-	NB012FV	Natl Semi	50	700	30m	120M	2.0p	100n	55	600m		150 J	TO-92
-	NB014EV	Natl Semi	50	700	30m	120M	2.0p	50n	55	600m		150 J	TO-92
-	NB014FV	Natl Semi	50	700	30m	120M	2.0p	50n	55	600m		150 J	TO-92
35	2SC732TM-BL	Indust Mexi	50	700	100m	150M	2.0p		60	400m			TO-92
-	2SC1000G	ToshibaCorp	50	700	150m	80M	6.0p	100n	60	400m	4.0m	125 J	TO-92
-	2SC1815L-Y	Indust Mexi	50	700	150m	80M	2.0p		60	400m			TO-92
-	2SC1815LBL	Indust Mexi	50	700	150m	80M	2.0p	100n	60	400m	4.0m	125 J	TO-92
-	2SC1815Y	Indust Mexi	50	700	150m	80M	2.0p		60	400m			TO-92
-	2SC2458LBL	ToshibaCorp	50	700	150m	80M	2.0p	100n	50	200m	2.0m	125 J	SPAK
40	KSC945	Samsung	50	700	150m	300M	2.5p	100n	60	250m		125 J	TO-92
-	2SC1843E	NECElectsnc	50	800	100m	100M	3.0p	100n	60	250m		125 J	TO-92
-	BC182C	Semelab	50	900	200m	150M			300m			150 S	TO-92
-	BC182C	NthAmerSemi	50	900	200m	150M			300m			150 S	TO-92
45	BC182LC	Semelab	50	900	200m	150M			300m			150 S	TO-92
-	2SC536KNP	Sanyo Elect	50	960	100m	100M	45p	1.0u	55	400m		125 J	N/A
-	2SC2812	Sanyo Elect	50	960	150m	100M	3p	0.1u	55	200m		125	SOT-23
-	2SC2925	Matsushita	50	1.0k	700m		11p	1.0u	60	750m	6.0m	150 J	TO-92
-	2SC3247H	MitsubiElec	50	1.2k	1.0	130M	12p	100n	50	900m		150 J	MicroTO-92
-	2SC3247J	MitsubiElec	50	1.8k	1.0	130M	12p	100n	50	900m		150 J	MicroTO-92
50	2SC3247K	MitsubiElec	50	3.0k	1.0	130M	12p	100n	50	900m		150 J	MicroTO-92
-	2SD1626	Sanyo Elect	50	3.0k	1.5	120M		100n	80	500m		150 S	SOT-89
-	2SC3112	ToshibaCorp	50	3.6k	150m	100M	3.5p	100n	50	400m		125 J	TO-92
-	2SC3113	ToshibaCorp	50	3.6k	150m	100M	3.5p	100n	50	200m		125 J	SPAK
-	2SD1851	Sanyo Elect	50	5.0k	200m			100n	80	200m		150 J	TO-236var
55	2SD1852	Sanyo Elect	50	5.0k	200m			100n	80	300m		150 J	SPAK
-	2SC3052	MitsubiElec	50	300T	200m	200M	2.5p	100n	50	150m	1.5m	125 J	SOT-89
-	2N339	See Index	55					1.0u	55	1.0		150 J	TO-11
-	2N5189	See Index	55	15	2.0			100u	60	800m	4.5m	175 S	TO-5
-	BC324	CentralSemi	55	20	1.0	100M			85	800m	4.5m	175	TO-39
60	BC324	NthAmerSemi	55	20	1.0	100M	25p		85	800m	4.5m	175	TO-39
-	BFY56A	See Index	55	40	1.0	60M		20n		800m		175 J	TO-39
-	BCW44	NthAmerSemi	55	40	1.0	80M	12p	100n	70	800m	4.5m	175	TO-39
-	BCW44	CentralSemi	55	40	1.0	80M	12p	100n	70	800m	4.5m	175	TO-39
65	BC254	CrimsonSemi	55	45	30m			100n	100	250m	2.0m	150 S	TO-92
-	BC255	NthAmerSemi	55	45	30m			100n	100	625m	5.0m	150 S	TO-92
-	BFY56B	SGS-Ates	55	70	1.0	80M	12p	50n	80	800m	4.5m	175	TO-39
-	BSX33	SGS-Ates	55	85	1.0	90M		10n	85	500m		175 J	TO-18
-	BSX33	NthAmerSemi	55	85	1.0	90M		10n	85	500m		175 J	TO-18
-	IT126	GE/Intersil	55	150	100m		3.0p	100p	55	400m	2.3m	150 J	TO-78
70	2N4879	See Index	55	175	10m	15M		.1n	55	300m	1.7m	175 S	TO-71
-	2N4099	SemiconTech	55	175	10m	150M	800f	100n	55	300m	1.6m	175 S	N/A
-	2N4099	Space Power	55	175	10m	150M	800f	100n	55	300m	1.6m	175 S	N/A
-	2N4100	See Index	55	175	10m	150M	.8p	.10u	55	400m	4.3m	175 S	TO-70
75	2SD661A	Matsushita	55	650	100m			100n	55	400m	3.2m	150 J	SIP
-	2SC2406	Matsushita	55	700	50m			100n	55	200m		125 J	SOT-89
-	2SC3312	Matsushita	55	700	100m		3.5p	100n	60	300m	3.0m	125 J	TO-92var
-	2SC2634	Matsushita	55	700	100			100n	60	400m	3.2m	150 J	TO-92
-	2SC1072A	NEC Corp JA	56	35	700m		3.0p		60	800m		175 J	TO-9var
-	2N342	See Index	60					1.0u	60	1.0		150 J	TO-11
80	2N343	See Index	60					1.0u	60	1.0		150 J	TO-11
-	2N343A	See Index	60		60m			1.0u	60	1.0	8.0m	150 J	TO-11
-	PN4945	Micro Elecs	60		500m	60M	20p	50n	80	220m		150 J	TO-92
-	SML5002	Semelab	60		2.0	50M			400m			175 J	TO-46
-	SML5007	Semelab	60		2.0	50M			400m			175 J	TO-46
85	SML5012	Semelab	60		2.0	50M			400m			175 J	TO-46
-	TC243	TeledynCrys	60	940m	60m			1.0u	60	750m	5.8m	150 J	TO-18
-	2N243	See Index	60	940m	60m			1.0u	60	750m	5.8m	150 J	Can
-	TC244	TeledynCrys	60	970m	60m			1.0u	60	750m	5.8m	150 J	TO-18
-	2N244	See Index	60	970m	60m			1.0u	60	750m	5.8m	150 J	Can
90	MPS5856	Motorola	60	1.0	1.0	100M	15p	100n	60	625m	5.0m	150 J	TO-92
-	BFT83	Semelab	60	10	1.0	150M	6.5p	100n	70	800m	6.4m	150 S	TO-92
-	TIPP31A	TaxilnstLtd	60	10	2.0			300u	60	0.8		150 J	TO-92
-	NS1111	Swampscott	60	10	5			1u	60				