

LOW-POWER GERMANIUM NPN

Item Number	Part Number	Manufacturer	V _{(BR)CBO} (V)	h _{FE}	I _C Max (A)	f _T (Hz)	C _{bo} Max (F)	I _{CBO} Max (A)	V _{(BR)CEO} (V)	P _D Max (W)	Derate at (W/°C)	T _{Oper} Max (°C)	Package Style
D vices Under 1 Watt, (Cont'd)													
-	2SD195	Elec Trans	20	70	50m	2.5M		14u	15	150m	2.5m	100 J	TO-1
-	2N1431	See Index	20	75	100m	10k		50u	15	180m		75 J	TO-22
-	OC140	NthAmerSemi	20	75	400m	4.5M	20p		20	140m	2.8m	100 J	Can
-	2N1251	See Index	20	150	100m	75k		50u	15	150m	2.5m	100 J	TO-22
5	2SD186	Solid Stnc	25	150	150m			15u		200m			TO-1
-	2N100	See Index	25		5.0m	5.0M		2.0u		25m		60 A	N/A
-	2N169A	See Index	25		20m	5.0M	2.4p	5.0u	25	55m	1.1m	75 A	TO-22var
-	2N1585	See Index	25	20	100m	400M	1.8p	100u		300m	4.0m	100 J	TO-5
-	2N1302	See Index	25	20	300m	3.0M	20p	6.0u		150m	2.5m	100 J	TO-5
10	2SC180	Solid Stnc	25	20	400m	5.0M	25p	25u		120m	2.0m	100 J	TO-1
-	2SC90	Elec Trans	25	20	400m	5.0M	25p	25u		120m	2.0m	100 J	TO-5
-	2SC90	Hybrid Semi	25	20	400m	5.0M	25p	25u		120m	2.0m	100 J	TO-5
-	2SC90	RF Gain	25	20	400m	5.0M	25p	25u		120m	2.0m	100 J	TO-5
-	2SC91	RF Gain	25	20	400m	10.M	25p	25u		120m	2.0m	100 J	TO-5
-	2SC91	Elec Trans	25	20	400m	10.M	25p	25u		120m	2.0m	100 J	TO-5
-	2SC91	Hybrid Semi	25	20	400m	10.M	25p	25u		120m	2.0m	100 J	TO-5
-	TR182	SemiconTech	25	25		3.8M		3.0u		100m	2.0m	75 J	N/A
-	TR182	Hybrid Semi	25	25		3.8M		3.0u		100m	2.0m	75 J	N/A
-	TR182	Genrl Diode	25	25		3.8M		3.0u		100m	2.0m	75 J	N/A
20	2N182	See Index	25	25		3.8M	10p			100m	2.0m	75	Can
-	GT167	SemiconTech	25	25		5.0M	16p	25u		150m	2.0m	100 S	TO-5
-	GT167	Genrl Diode	25	25		5.0M	16p	25u		150m	2.0m	100 S	TO-5
-	GT167	Hybrid Semi	25	25		5.0M	16p	25u		150m	2.0m	100 S	TO-5
-	2N1891	See Index	25	25	300m	5.0M	20p	5.0u	15	150m	2.5m	100 S	TO-5
25	2N679	See Index	25	30		3.0M		25u		150m	2.5m	100 J	Can
-	2N1198	See Index	25	30	75m	9.0M	2.5p	1.5u	25	65m	1.1m	100 J	TO-22var
-	2N556	See Index	25	30	200m		20p	25u		100m		100 J	TO-5
-	2N1730	See Index	25	30	300m		20p	6.0u	15	150m	2.5m	100 J	TO-5
-	2N1391	See Index	25	35		3.0M		4.0u	18	150m	2.0m	100 S	TO-5
30	TR183	Hybrid Semi	25	40		7.5M		3.0u		100m	2.0m	75 J	N/A
-	TR183	SemiconTech	25	40		7.5M		3.0u		100m	2.0m	75 J	N/A
-	TR183	Genrl Diode	25	40		7.5M		3.0u		100m	2.0m	75 J	N/A
-	2N183	See Index	25	40		7.5M	10p			100m	500u	75	Can
35	2N35	See Index	25	40	8.0m					50m		100 A	TO-22var
-	2SD43	Solid Stnc	25	40	50m		24p	14u	25	110m		75 J	TO-1
-	2N823	See Index	25	40	100m	4.0M	20p	5.0u	12	75m	1.2m	100 S	Can
-	2N585	See Index	25	40	200m	5.0M	12p	8.0u	24	120m		75 A	TO-1
-	2N377	See Index	25	40	200m	6.0M	15p	10u	20	150m	2.0m	100 J	TO-5
-	2N1114	See Index	25	40	200m	7.0M		30u	15	150m		100 J	TO-5
40	NKT734	NthAmerSemi	25	40	300m	5.0M	20p	6.0u	20	150m	2.5m	100 J	TO-5
-	NKT734	Hybrid Semi	25	40	300m	5.0M	20p	6.0u	20	150m	2.5m	100 J	TO-5
-	2N1304	See Index	25	40	300m	5.0M	20p	6.0u		150m	2.5m	100 J	TO-5
-	2SC129	Hybrid Semi	25	45	100m	8.0M		3.0u	20	125m		75 J	TO-5
-	2SC129	RF Gain	25	45	100m	8.0M		3.0u	20	125m		75 J	TO-5
-	2SC129	Elec Trans	25	45	100m	8.0M		3.0u	20	125m		75 J	TO-5
-	HA5022	Genrl Diode	25	49	200m	4.0M	15p	4.0u		300m	2.2m	75 S	N/A
-	HA5022	SemiconTech	25	49	200m	4.0M	15p	4.0u		300m	2.2m	75 S	N/A
-	ASY29	Germanium	25	50		10M	16p	3.0u	15	150m		100 J	TO-5
-	ASY29	CentralSemi	25	50		10M	16p	3.0u	15	150m		100 J	TO-5
50	2SD65	Solid Stnc	25	50	100m	1.0M	35p	15u	20	120m		75 J	Can
-	2N1090	See Index	25	50	400m	7.0M	17p	25u	15	120m		100 A	TO-9
-	2N634A	See Index	25	55	300m	8.0M	12p	6.0u	20	150m	2.5m	100 J	TO-9
-	2N1624	See Index	25	60		5.0M	25p	5.0u	20	150m	2.0m	100 J	TO-5
55	TR184	SemiconTech	25	60		15M	10p	3.0u		100m	2.0m	75 J	N/A
-	TR184	Genrl Diode	25	60		15M	10p	3.0u		100m	2.0m	75 J	N/A
-	TR184	Hybrid Semi	25	60		15M	10p	3.0u		100m	2.0m	75 J	N/A
-	2N184	See Index	25	60		15M	10p			100m	500u	75	Can
-	2N385	See Index	25	60	200m	6.0M	15p	10u	25	150m	2.0m	100 J	TO-5
-	NKT736	Hybrid Semi	25	60	300m	10.M	20p	6.0u		150m	2.5m	100 J	TO-5
60	NKT736	NthAmerSemi	25	60	300m	10.M	20p	6.0u		150m	2.5m	100 J	TO-5
-	2N1306	See Index	25	60	300m	10M		6.0u		150m	2.5m	100 J	TO-5
-	SK3011	SemiconTech	25	70	100m	8.0M			25	150m		100 J	TO-1
-	SK3011	GE Solid St	25	70	100m	8.0M			25	150m		100 J	TO-1
65	2N1091	See Index	25	70	400m	13.M	17p	25u	12	120m		100 A	TO-9
-	2N1308	See Index	25	80	300m	15M		6.0u		150m	2.5m	100 J	TO-5
-	2SD72	Elec Trans	25	80	600m	750k		50u	25	720m		100 J	TO-1
-	2SD72	Solid Stnc	25	80	600m	750k		50u	25	720m		100 J	TO-1
-	2SD77	Solid Stnc	25	85	100m	3.5M		14u	25	150m		100 J	TO-1
-	HSE115	Hybrid Semi	25	100		5.0M		10u	15	200m	2.6m	100 J	TO-5
70	2SD64	Solid Stnc	25	100	100m	1.0M	35p	15u	20	120m		75 J	Can
-	2N635A	See Index	25	100	300m	12M	12p	6.0u	20	150m	2.5m	100 J	TO-9
-	AC141B	NthAmerSemi	25	100	1.2	3.0M		14u	25	220m	3.3m	100 J	TO-1
-	2N1605	See Index	25	125	100m	14.M	13p	5.0u	24	150m	2.0m	100 J	TO-5
75	2N1808	See Index	25	125	300m	14.M	13p	5.0u	25	150m	2.5m	100 J	TO-5
-	2SD187	Solid Stnc	25	150	150m			15u		200m			TO-1
-	2SD187	Elec Trans	25	150	150m			15u		200m			TO-1
-	2SD30	Solid Stnc	25	150	200m			15u		300m			TO-1
-	2SD30	Elec Trans	25	150	200m			15u		300m			TO-1
80	2N388	See Index	25	150	200m	15.M	15p	10u	20	150m	2.0m	100 J	TO-5
-	2N636A	See Index	25	190	300m	17M	12p	6.0u	15	150m	2.5m	100 J	TO-9
-	AC187K	PhilipsElec	25	200	1.0	3.0M		200u	15	800m	13m	100 J	Can
-	AC187K	Germanium	25	200	1.0	3.0M		200u	15	800m	13m	100 J	Can
-	AC157	NthAmerSemi	26	80	500m	2.5M	100p	100u	16	200m	4.0m	100 J	TO-1
85	ASY88	NthAmerSemi	26	120	500m	2.0M	100p	100u	16	200m	5.0m	100 J	TO-1
-	ASY89	NthAmerSemi	26	295	500m	4.0M	100p	100u	16	200m	5.0m	100 J	TO-1
-	2N167	See Index	30	975m	75m	8.0M		1.5u	30	65m	1.1m	100 S	TO-22var
-	2N364	See Index	30	12	50m	2.5M	4.5p	10u		150m	2.0m	100 S	TO-22var
-	2N97	See Index	30	13	10m	1.0M	19p	2.0u		50m		75	TO-5
-	2N356A	See Index	30	20				5.0u	20	150m	2.0m	100 S	TO-5
90	GT364	SemiconTech	30	20		1.0M	18p	10u		150m	2.0m	100 S	TO-5
-	GT364	Genrl Diode	30	20		1.0M	18p	10u		150m	2.0m	100 S	TO-5
-	GT364	Hybrid Semi	30	20		1.0M	18p	10u		150m	2.0m	100 S	TO-5
-	ASY73	CentralSemi	30	20	400m	4.0			15	140m		75 J	TO-5
-	ASY73	NthAmerSemi	30	20	400m	4.0			15	140m		75 J	TO-5
95	2N357A	See Index	30	25				5.0u	20	150m	2.0m	100 S	TO-5
-	2N358A	See Index	30	25									