

# RF POWER SILICON NPN

Item Number	Part Number	Manufacturer	I <sub>c</sub> Max (A)	f <sub>T</sub> (Hz)	V <sub>(BR)CEO</sub> (V)	P <sub>D</sub> Max (W)	h <sub>FE</sub>		I <sub>CBO</sub> Max (A)	t <sub>r</sub> Max (s)	t <sub>f</sub> Max (s)	T <sub>Oper</sub> Max (°C)	Package Style
							Min	Max					
<b>I(C) &gt;= 2.5 A, (Cont'd)</b>													
-	BLX39	PhilipsElec	4.0	570M	36	100	10	80	10m			175 J	SiX-8
-	BLW86	PhilipsElec	4.0	570M	36	105	10	80	10m			175 J	SOT-123
-	2SC1075	Elec Trans	4.0	800M	18	20	15	60	10u			175 J	SiX-M4
-	VTV075	Acrian Inc	4.0	1.3G	28		40					150 J	SOT-119var
5	2SC2799	MitsubiElec	4.0	1.5G	35	50	10	180	1.5m			175	SiX-8
-	BLV32F	PhilipsElec	4.0	2.0G	32	82	20	120	5.0m			175 J	SOT-119var
-	BLV95 (A)	PhilipsElec	5.0		16	70	15					175 J	SOT-171
-	SD1274	ThmsnCSFEFC	8.0	175M	18	70	20		5.0m			175 J	SiX-8
-	SD1274-1	ThmsnCSFEFC	8.0	175M	18	70	20		5.0m			175 J	SOT-123
<b>I(C) &gt;= 5 A</b>													
10	2SD1725	Sanyo Elect	4.0	180M	100	20	70	400	1.0u	100n	50n	150 J	TO-126
-	BLU51	PhilipsElec	5.0		60	65						175 J	SOT-161
-	2SC3072A	ToshibaCorp	5.0	100M	20	1.0	140	240	100n			150 J	TO-252var
-	2SC3072B	ToshibaCorp	5.0	100M	20	1.0	200	330	100n			150 J	TO-252var
-	2SC3072C	ToshibaCorp	5.0	100M	20	1.0	300	450	100n			150 J	TO-252var
15	2SC3420BL	ToshibaCorp	5.0	100M	20	1.5	300	600	100n			150 J	TO-126var
-	2SC3420GR	ToshibaCorp	5.0	100M	20	1.5	200	400	100n			150 J	TO-126var
-	2SC3420Y	ToshibaCorp	5.0	100M	20	1.5	140	240	100n			150 J	TO-126var
-	2SC2270	ToshibaCorp	5.0	100M	20	10	140	450	100n			150 J	TO-126
-	BDY62	NthAmerSemi	5.0	100M	30	15	45		10u	150n	80n	175 J	TO-3
20	BDY62	Semelab	5.0	100M	30	15	45		10u	150n	80n	175 J	TO-3
-	BUY68	See Index	5.0	100M	60	870m	40	250	1.0m			150 J	TO-39
-	BDX35	See Index	5.0	100M	60	1.0	45	450	10u			175 J	TO-126
-	BDX36	NthAmerSemi	5.0	100M	60	1.0	45	450	10u			175 J	TO-126
-	BDX36	PhilipsElec	5.0	100M	60	1.0	45	450	10u			175 J	TO-126
25	BDX36	AmperexElec	5.0	100M	60	1.0	45	450	10u			175 J	TO-126
-	BFT32	NthAmerSemi	5.0	100M	60	1.0	50	300	100n			175 A	TO-39
-	BFT32A	Semelab	5.0	100M	60	1.0	50	300				175 J	TO-39
-	2SC3746Q	Sanyo Elect	5.0	100M	60	2.0	70	140	0.1m	0.1u	0.1u	150 J	SOT-186
-	2SC3746R	Sanyo Elect	5.0	100M	60	2.0	100	200	0.1m	0.1u	0.1u	150 J	SOT-186
30	2SC3746S	Sanyo Elect	5.0	100M	60	2.0	140	280	0.1m	0.1u	0.1u	150 J	SOT-186
-	BDY60	NthAmerSemi	5.0	100M	60	15	40	300	10u	150n	80n	175 J	TO-3
-	BDY60	Semelab	5.0	100M	60	15	40	300	10u	150n	80n	175 J	TO-3
-	BDY61	Semelab	5.0	100M	60	15	45		10u	150n	80n	175 J	TO-3
-	BDY61	NthAmerSemi	5.0	100M	60	15	45		10u	150n	80n	175 J	TO-3
35	BD145	NthAmerSemi	5.0	100M	60	15	45		10u			175 J	TO-3
-	BUY24	NthAmerSemi	5.0	100M	60	15	40	75	10u	350n	650n	150 J	TO-3
-	BUY24	Semelab	5.0	100M	60	15	40	75	10u	350n	650n	150 J	TO-3
-	2SD68	RF Gain	5.0	100M	75	50	50		5.0m			150 J	TO-3
-	2SD68	Solid Stnc	5.0	100M	75	50	50		5.0m			150 J	TO-3
40	BDX37	NthAmerSemi	5.0	100M	80	1.0	45	450	10u			175 J	TO-126
-	BDX37	AmperexElec	5.0	100M	80	1.0	45	450	10u			175 J	TO-126
-	BDX37	PhilipsElec	5.0	100M	80	1.0	45	450	10u			175 J	TO-126
-	BFT33	NthAmerSemi	5.0	100M	80	1.0	50	250	100n			175 A	TO-39
-	BFT33A	Semelab	5.0	100M	80	1.0	50	250				175 J	TO-39
45	BFT34	NthAmerSemi	5.0	100M	100	1.0	50	200	100n			175 A	TO-39
-	BFT34A	Semelab	5.0	100M	100	1.0	50	200				175 J	TO-39
-	2SD826	Sanyo Elect	5.0	120M	20	10	120	560	1.0u			150	TO-126
-	2SC3074O	ToshibaCorp	5.0	120M	50	1.0	70	140	1.0u		.10u	150 J	TO-252var
-	2SC3074Y	ToshibaCorp	5.0	120M	50	1.0	120	240	1.0u		.10u	150 J	TO-252var
50	2SC2562	ToshibaCorp	5.0	120M	50	25	70	240	1.0u			150 J	TO-220AB
-	2SC3518Z	NEC Corp JA	5.0	120M	60	2.0	100	400	10u	1.0u	1.0u	150 J	DPAK
-	2SC3518Z	NECElecInc	5.0	120M	60	2.0	100	400	10u	1.0u	1.0u	150 J	DPAK
-	SM3181	Semelab	5.0	150M	15	1.0	100					150 J	TO-92
-	2SD1244	Matsushita	5.0	150M	20	1.0	180		100n			150 J	SIP
55	2SD966	Matsushita	5.0	150M	20	1.0	180	600	0.1u			150 J	N/A
-	2SC2594	Matsushita	5.0	150M	20	10	140	450	0.1u			150 J	TO-126
-	2N3543	See Index	5.0	150M	60	60	10	80	.01m			175 S	TO-3
-	2N5025	See Index	5.0	150M	75	45	20		10u			175 J	TO-60
-	2N4131	See Index	5.0	150M	80	60	10	80	10u			175 J	TO-3
60	2N5026	See Index	5.0	150M	90	45	20		10u			175 J	TO-60
-	2N5214	See Index	5.0	150M	95	60	10	75	1.0m			175 C	SiI-1/4
-	B25-26	Acrian Inc	5.0	175M	33	50	10	100				175 J	SiX-8
-	BLU33	PhilipsElec	5.0	175M	60	105	20	20				175 J	SiX-8
65	2SD1722	Sanyo Elect	5.0	180M	50	20	70	400	1.0u	50n	20n	150 J	TO-126
-	2SD1803	Sanyo Elect	5.0	180M	50	20	70	400	1.0u			150 J	TO-251var
-	2SC2509	ToshibaCorp	5.0	200M	18	20	20					175 J	TO-220AB
-	2SC2395	ToshibaCorp	5.0	200M	18	40	20					175 J	SOT-123var
-	2SD741	NEC Corp JA	5.0	200M	20	15	100	600	1.0u			150 J	TO-126
-	2N5643	See Index	5.0	200M	35	60	5.0		1.0m			175 S	SiX-8
70	2N5527	See Index	5.0	200M	40	5.0	40	200	1.0m			175 J	TO-5
-	2N3620	See Index	5.0	200M	40	7.5	40	25u				175 J	SiR-10
-	2N3624	See Index	5.0	200M	40	7.5	40	1.0u				175 J	SiR-10
-	2N3621	See Index	5.0	200M	40	30	40	25u				175 J	TO-61
-	2N3622	See Index	5.0	200M	40	30	40	25u				175 J	TO-61
75	2N3625	See Index	5.0	200M	40	30	40	1.0u				175 J	TO-61
-	2N3626	See Index	5.0	200M	40	30	40	1.0u				175 J	TO-61
-	2N3628	See Index	5.0	200M	50	7.5	40	1.0u				175 J	SiR-10
-	2N3629	See Index	5.0	200M	50	30	40	1.0u				175 J	TO-61
-	2N3630	See Index	5.0	200M	50	30	40	1.0u				175 J	TO-61
80	2SC3145	Sanyo Elect	5.0	200M	60	30	2k	5k	0.1m			150 J	TO-220
-	2N5531	See Index	5.0	200M	75	5.0	30	150	1.0m			175 J	TO-5
-	BR101B	Micro Elecs	5.0	300M	75	7.5	30	150	100u			175 J	SiR-10
-	SDT6101	CrimsonSemi	5.0	450M	30	7.0	10			50n	50n	175 J	TO-5
-	SDT6101	Sld St Dvcs	5.0	450M	30	7.0	10			50n	50n	175 J	TO-5
85	SDT6104	CrimsonSemi	5.0	450M	30	11	10			50n	50n	175 J	TO-60
-	SDT6104	Sld St Dvcs	5.0	450M	30	11	10			50n	50n	175 J	TO-60
-	SDT6102	CrimsonSemi	5.0	450M	40	7.0	10			50n	50n	175 J	TO-5
-	SDT6102	Sld St Dvcs	5.0	450M	40	7.0	10			50n	50n	175 J	TO-5
-	SDT6105	CrimsonSemi	5.0	450M	40	11	10			50n	50n	175 J	TO-60
90	SDT6105	Sld St Dvcs	5.0	450M	40	11	10			50n	50n	175 J	TO-60
-	SDT6103	Sld St Dvcs	5.0	450M	50	7.0	10			50n	50n	175 J	TO-5
-	SDT6103	CrimsonSemi	5.0	450M	50	7.0	10			50n	50n	175 J	TO-5
-	SDT6106	CrimsonSemi	5.0	450M	50	11	10			50n	50n	175 J	TO-60
-	SDT6106	Sld St Dvcs	5.0	450M	50	11	10			50n	50n	175 J	TO-60