

RF POWER SILICON NPN

Item Number	Part Number	Manufacturer	I _c Max (A)	f _T (Hz)	V _{(BR)CEO} (V)	P _D Max (W)	h _{FE}		I _{CBO} Max (A)	t _r Max (s)	t _f Max (s)	T _{Oper} Max (°C)	Package Style
							Min	Max					
I(C) >= 1 A, (Cont'd)													
-	ZT93	FerrantiLtd	1.0	300M	80	1.0	40	120	100n			175 J	TO-5
-	ZT93	Semelab	1.0	300M	80	1.0	40	120	100n			175 J	TO-5
-	TN3440	Natl Semi	1.0	300M	250	2.0	40	160	20u			150 J	TO-237var
-	2N3961	See Index	1.0	350M	40	10			1.0m			175 S	TO-102
5	2N4012	See Index	1.0	350M	40	11	6.0	60	100u			175 J	TO-60
-	2N5645	See Index	1.0	400M	18	12	15		500u			175 S	SIX-8
-	40281	See Index	1.0	400M	18	12			100u			175 J	TO-60
-	2N5079	See Index	1.0	400M	30	1.8	100	300	10n			175 S	TO-18
-	MRF5175	Motorola	1.0	400M	33	12	10	100	500u			175 S	SIX-8
10	C12-28	Acrian Inc	1.0	400M	33	20						175 J	SIX-8
-	2N4040	See Index	1.0	400M	40	18	10	80	200u			175 C	TO-117
-	2N4041	See Index	1.0	400M	40	18	10	80	200u			175 C	TO-117
-	40665	Slid St Dvcs	1.0	400M	40	23			250u			175 J	TO-60
-	2N5215	See Index	1.0	400M	70	23	10	80	500u			175 C	TO-60
15	C2-8Z	Acrian Inc	1.0	470M	14	10						175 J	Macro-X
-	C3-12	Acrian Inc	1.0	470M	17	10						175 J	SIX-8
-	2SC1947	MitsubiElec	1.0	500M	17	1.0	10	180	500u			175 J	TO-39
-	2SC1965	MitsubiElec	1.0	500M	17	1.5	10	180	500u			175 J	TO-37var
-	2N5080	See Index	1.0	500M	30	1.8	200	500	10u			175 S	TO-18
20	BFY99	NthAmerSemi	1.0	500M	40	4.4			100u			175 J	TO-5
-	2SC1169	ToshibaCorp	1.0	600M	20	10	20		1.0u			175 J	TO-37var
-	B5X12	NthAmerSemi	1.0	620M	12	3.0	20	45	500u	15n	25n	175 J	TO-9var
-	2SC731	Solid StInc	1.0	700M	20	2.5	20	70	1.0u			175 J	TO-39
-	2SC731	Elec Trans	1.0	700M	20	2.5	20	70	1.0u			175 J	TO-39
25	BLY53A	TIC Semi	1.0	800M	18	8.0	10	40				150 S	SIX-8
-	2SC1966	MitsubiElec	1.0	1.0G	17	10	10	180	100u			175 J	N/A
-	BLX93A	PhilipsElec	1.0	1.2G	33	12	10	35				175 J	SIX-8
-	BLX68	PhilipsElec	1.0	1.3G	18	10	10	40				175 J	SIX-8
-	BLX68	NthAmerSemi	1.0	1.3G	18	10	10	40				175 J	SIX-8
30	BLW80	PhilipsElec	1.0	1.7G	17	17	10	35	4m			175 J	SIX-8
-	2SC2797	MitsubiElec	1.0	1.8G	35	10	10	180	.40m			175	SIX-8
-	MH8111	Micro Elecs	1.2	100M	60	5.0	30	60	5.0u			175 J	TO-220AB
-	MH8112	Micro Elecs	1.2	100M	60	5.0	50	120	5.0u			175 J	TO-220AB
-	MH8113	Micro Elecs	1.2	100M	60	5.0	100	240	5.0u			175 J	TO-220AB
35	2SD439	Sanyo Elect	1.2	150M	18	8.0	60	320	1.0u			150 J	TO-126
-	2SD1681	Sanyo Elect	1.2	150M	18	10	70	400	100n	50n	70n	150 J	TO-126
-	2SC2690	NEC Corp JA	1.2	155M	120	20	60	320	100n			150 J	TO-126
-	2SC2690A	NEC Corp JA	1.2	155M	160	20	60	320	100n			150 J	TO-126
-	PT9732	TRW Optron	1.2	175M	35	20	20	150	1.0			175 J	SIX-8
40	2SC3292	Sanyo Elect	1.2	180M	50	20	1.0k	4.0k	10u			150 J	TO-220
-	2N3831	See Index	1.2	200M	40	1.0	35		500n	50n	30n	175 S	TO-5
-	2N3830	See Index	1.2	200M	50	1.0	30		500n	50n	30n	175 S	TO-5
-	SM2284	Semelab	1.2	220M	25	1.0	800	3.2k				175 J	TO-92
45	2SC3070	Sanyo Elect	1.2	220M	25	1.0	800	3.2k	0.1u			150 J	TO-92
-	2N3724A	See Index	1.2	300M	30	1.0	60	150	500n	30n	25n	175 S	TO-39
-	2N3725A	See Index	1.2	300M	50	1.0	60	150	500n	30n	30n	175 S	TO-39
-	40292	See Index	1.2	300M	50	23			250u			175 J	TO-60
-	BLY87A	NthAmerSemi	1.2	700M	18	17	5.0		5.0m			175 J	SIX-8
-	BLY87A	PhilipsElec	1.2	700M	18	17	5.0		5.0m			175 J	SIX-8
50	BLY87A	TIC Semi	1.2	700M	18	17	5.0		5.0m			175 J	SIX-8
-	BFO43	NthAmerSemi	1.2	750M	18	12	10	80	2m			175 J	TO-39
-	BFO43	PhilipsElec	1.2	750M	18	12	10	80	2m			175 J	TO-39
-	BFO43S	PhilipsElec	1.2	750M	18	12	10	80	2m			175 J	TO-39
55	2N5595	Space Power	1.2	1.5G	30	20	20		4.0m			175 S	SIX-8
-	2N5595	Diode Trans	1.2	1.5G	30	20	20		4.0m			175 S	SIX-8
-	2N5595	CrimsonSemi	1.2	1.5G	30	20	20		4.0m			175 S	SIX-8
-	BLW33	PhilipsElec	1.2	3.4G	30	19	20	40	1m			175 J	SIX-8
-	BLU97	PhilipsElec	1.2	4G	16	17	25	100	7.5m			175 J	SOT-122D
-	BLV98	PhilipsElec	1.5		27	40	15		5.0m			175 J	SOT-171
60	2SC803	Solid StInc	1.5	90M	35	5.0	20	300	1.0u	80n	1.0u	175 J	TO-5
-	2SC2336	NECElecsInc	1.5	95M	180	25	60	320	1.0u			150 J	TO-220var
-	2SC2336	NEC Corp JA	1.5	95M	180	25	60	320	1.0u			150 J	TO-220var
-	2SC2336A	NECElecsInc	1.5	95M	200	25	60	320	1.0u			150 J	TO-220var
-	2SC2336A	NEC Corp JA	1.5	95M	200	25	60	320	1.0u			150 J	TO-220var
65	2SC2336B	NEC Corp JA	1.5	95M	250	25	60	320	1.0u			150 J	TO-220var
-	2SC2336B	NECElecsInc	1.5	95M	250	25	60	320	1.0u			150 J	TO-220var
-	2N2948	See Index	1.5	100M	40	25	2.5	100	1.0u			175 C	TO-3
-	S1954	ToshibaCorp	1.5	100M	50	1.5	70	240	1.0u			150 J	TO-202
-	2SC2194A	ToshibaCorp	1.5	100M	50	1.5	70	240	1.0u			150 J	TO-202
70	2SC106	Solid StInc	1.5	100M	60	15	7.5	20	3.0m	25n	20n	175 J	TO-8
-	2SC106	Hybrid Semi	1.5	100M	60	15	7.5	20	3.0m	25n	20n	175 J	TO-8
-	2N2947	See Index	1.5	100M	60	25	6.0	60	1.0u			175 C	TO-3
-	2N3297	See Index	1.5	100M	60	25	6.0	60	1.0u			175 C	TO-3
75	BSS42	NthAmerSemi	1.5	100M	120	1.0	40	60	100n	40n	700n	175 J	TO-39
-	BSS42	Telefunken	1.5	100M	120	1.0	40	60	100n	40n	700n	175 J	TO-39
-	BSS43	NthAmerSemi	1.5	100M	150	1.0	35	50	100n	40n	700n	175 J	TO-39
-	BSS43	Telefunken	1.5	100M	150	1.0	35	50	100n	40n	700n	175 J	TO-39
-	2SD1220Q	ToshibaCorp	1.5	100M	150	1.0	100	200	1.0u			150 J	TO-251
-	2SD1220R	ToshibaCorp	1.5	100M	150	1.0	60	120	1.0u			150 J	TO-251
80	2SD1220Y	ToshibaCorp	1.5	100M	150	1.0	160	320	1.0u			150 J	TO-251
-	2SC2983O	ToshibaCorp	1.5	100M	160	1.0	70	140	1.0u			150 J	TO-252var
-	2SC2983Y	ToshibaCorp	1.5	100M	160	1.0	120	240	1.0u			150 J	TO-252var
-	2SC4159	Sanyo Elect	1.5	100M	160	15	60	200	10u		.48u	150	TO-220
-	IDC3298	Intl Device	1.5	100M	160	20	70	240					TO-220var
85	IDC2238	Intl Device	1.5	100M	160	25	70	240					TO-220AB
-	2SC2238	ToshibaCorp	1.5	100M	160	25	70	240	1.0u			150 J	TO-220AB
-	2SC2238O	Indust Mexi	1.5	100M	160	25	70	140					TO-220
-	2SC2238Y	Indust Mexi	1.5	100M	160	25	120	240					TO-220
-	2SC2239O	Indust Mexi	1.5	100M	160	25	70	140					TO-66
90	2SC2239Y	Indust Mexi	1.5	100M	160	25	120	240					TO-66
-	2SC3296	ToshibaCorp	1.5	100M	180	25	70	240	100n			150	TO-220var
-	IDC3298A	Intl Device	1.5	100M	180	20	70	240					TO-220var
-	2SC3238A	ToshibaCorp	1.5	100M	180	20	70	240	100n			150	TO-220var
-	IDC2238A	Intl Device	1.5	100M	180	25	70	240					TO-220AB
95	2SC2238AO	ToshibaCorp	1.5	100M	180	25	70	140	1.0u			150 J	TO-220AB
-	2SC2238AY	ToshibaCorp	1.5	100M	180	25	120	240	1.0u			150 J</	