

UHF AND MICROWAVE TRANSISTORS

Item Number	Part Number	Manufacturer	Pd Max (W)	V _{(BR)CBO} (V)	f _{osc} Max (Hz)	G _p (dB)	P _o (W)	N.F. (dB)	at f _{Test} (Hz)	I _c Max (A)	Matl.	T _{Oper} Max (°C)	Package Style
UHF/Microwav Transistors, Bipolar NPN (Cont'd)													
-	SD1543	ThmsnCSFEFC	2.7k	65	1.1G	6.7	1.3k			80	Si	175 J	RFMOD
UHF/Microwave Transistors, Bipolar PNP													
-	AF367	PhilipsElec	60m	15	900M	12		6.0	900M	10m	Ge	100 J	SOT-37
-	AF280S	Siemens Akt	60m	20	550M			7.0	800M	10m	Si	100 J	TO-119
-	2N2999	See Index	75m	15	1.1G			7.0	1.0G	200m	Ge	100 S	TO-72
5	2N2415	See Index	75m	15	2.0G			2.6	200M	20m	Ge	100 J	TO-18
-	2N2416	See Index	75m	15	2.0G			3.4	200M	20m	Ge	100 J	TO-18
-	2SA1245	ToshibaCorp	150m	15	1.0G	9.5		3.0	1.0G	30	Si	125 J	TO-236
-	BFQ24	PhilipsElec	150m	15	5.0G	15		2.4	500M	35m	Si	175 J	TO-72
-	NE59333	NEC Corp JA	150m	20	2.0G	12		3.0	0.5G	30m	Si	175 J	TO-236
10	BFQ52	PhilipsElec	150m	20	5.0G	17		2.7	500M	25m	Si	175 J	TO-72
-	BF979S	Siemens Akt	160m	30	1.6G			4.5	800M	50m	Si	150 J	TO-119
-	BFQ23	PhilipsElec	180m	15	2.0G	6.5		3.7	800M	35m	Si	175 J	SOT-103
-	BFQ23	PhilipsElec	180m	15	5.0G	16		2.4	500M	50m	Si	150 J	Macro-T
-	BFQ23	AmperexElec	180m	15	5.0G	16		2.4	500M	50m	Si	150 J	Macro-T
15	BFQ51	PhilipsElec	180m	20	2.0G	8.0		3.4	800M	25m	Si	150 J	SOT-103
-	BFQ51	PhilipsElec	180m	20	5.0G	19		2.7	500M	25m	Si	150 J	Macro-T
-	A441	AmperexElec	200m	12	5.0G	18		2.4	200M	35m	Si		TO-72
-	2SA1161	ToshibaCorp	200m	15	3.5G	8.0		3.5	1.0G	30m	Si	125 J	TO-92
-	BFT93R	PhilipsElec	200m	15	5.0G	16		2.4	500M	35m	Si	150 J	TO-236
20	A440	AmperexElec	200m	20	5.0G	18		2.3	200M	25m	Si	175 J	TO-72
-	BFT92R	PhilipsElec	200m	20	5.0G	18		2.7	500M	25m	Si	150 J	TO-236
-	2N5829	Gnrl Trans	200m	30	1.5G	12		2.5	450M	30m	Si	175 S	TO-72
-	2N5829	Hi-Tron	200m	30	1.5G	12		2.5	450M	30m	Si	175 S	TO-72
25	SD1375	ThmsnCSFEFC	200m	30	1.5G	17		3.5	450M	30m	Si	175 J	TO-72
-	SD1375	Space Power	200m	30	1.5G	17		3.5	450M	30m	Si	175 J	TO-72
-	2N4957	See Index	200m	30	1.5G	25		3.0	450M	30m	Si	175 S	TO-72
-	2N4958	See Index	200m	30	1.5G	25		3.3	450M	30m	Si	175 S	TO-72
-	2N4959	See Index	200m	30	1.5G	25		3.8	450M	30m	Si	175 S	TO-72
-	BF569	Telefunken	200m	40		12		4.2	800M	30m	Si	150 J	TO-236
30	BF569R	Telefunken	200m	40		12		4.2	800M	30m	Si	150 J	TO-236
-	BF579R	Telefunken	220m	25	1.6G	16		4.2	800M	30m	Si		TO-236
-	MMB9536	Motorola	225m	15	5.5G	14		4.5	500M	30m	Si	150 J	SOT-23
-	2N1195	See Index	225m	30	1.0G						Ge	100 S	TO-29
35	BFR99	See Index	225m	30	1.4G	10		4.0	800M	50m	Si	175 J	TO-72
-	0493	Semi Inc	250m	15	500M	150					Si		TO-106
-	0493	Space Power	250m	15	500M	150					Si		TO-106
-	BFT38 (A)	Siemens Akt	250m	15	1.5G	11		3.0	800M	35m	Si	200 J	TO-72
-	2SA1223	NEC Corp JA	250m	20	1.0G			4.0	1.0G	50m	Si	175 J	SOT-173
40	NE59312	NEC Corp JA	250m	20	2.0G	12		3.0	0.5G	30m	Si	175 J	TO-72
-	NE59335	NEC Corp JA	250m	20	2.0G	12		3.0	0.5G	30m	Si	175 J	SOT-173
-	NE88935	NEC Corp JA	250m	20	4.0G	18		2.5	0.5G	50m	Si	175 J	SOT-173
-	BFQ51C	PhilipsElec	250m	20	5.0G	17		3.5	800M	30m	Si	175 J	Micro-X
-	0492	Semi Inc	250m	25	500M	150					Si		TO-106
45	0492	Space Power	250m	25	500M	150					Si		TO-106
-	BF936	PhilipsElec	250m	30	350M			6.0	200M	25m	Si	150 J	TO-226var
-	BF936	AmperexElec	250m	30	350M			6.0	200M	25m	Si	150 J	TO-226var
-	0491	Semi Inc	250m	30	500M	120					Si		TO-106
-	0491	Space Power	250m	30	500M	120					Si		TO-106
50	2SA1005	NEC Corp JA	250m	40	400M		250m	3.5	1.0M	30m	Si	125 J	TO-92
-	MRF534	Motorola	300m	15	4.0G	12		4.7	1.0G	30m	Si	175 J	TO-206AA
-	MM4049	NihAmerSemi	300m	15	4.0G	13		3.5	1.0G	30m	Si	175 J	TO-206AF
-	MM4049	Motorola	300m	15	4.0G	13		3.5	1.0G	30m	Si	175 J	TO-206AF
-	MRF536	Motorola	300m	15	5.0G	10		4.5	1.0G	30m	Si	150 J	Macro-X
55	NE88912	NEC Corp JA	300m	20	4.0G	9		3.0	0.5G	50m	Si		TO-72
-	NE88902	NEC Corp JA	300m	20	4.0G	12		2.7	0.5G	50m	Si		Macro-X
-	NE88941	NECElecsinc	300m	20	4.0G	90				50m	Si	175 J	Micro-Tvar
-	NE90120	NEC Corp JA	300m	40	2.5G	16				200m	Si		SIX-M3
-	NE71111	NEC Corp JA	300m	50	1.0G	6				100m	Si	150 J	TO-18
60	BFQ23C	PhilipsElec	350m	20	5.0G	15		3.7	800M	50m	Si	175 J	Micro-X
-	2N4257	See Index	500m	6.0	500M			6.0		50m	Si	125 J	TO-106
-	2N4313	See Index	500m	12	700M					100m	Si	125 J	TO-106
-	BFQ32	PhilipsElec	500m	20	4.2G	14		3.7	500M	150m	Si	175 J	Macro-T
-	BFQ32C	PhilipsElec	500m	20	4.5G	13		4.3	800M	.1	Si	175 J	Micro-X
65	2SA1153	NEC Corp JA	600m	60	400M					500m	Si	125 J	-None
-	MPS536	Motorola	625m	15	4.5G	14		4.5	500M	30m	Si	150 S	TO-92
-	BFQ32	PhilipsElec	700m	20	2.0G	6.0		4.3	800M	75m	Si	175 J	SOT-103
-	BFQ32S	PhilipsElec	700m	20	4.5G					.1m	Si	175 J	Macro-T
-	2N1142A	See Index	750m	30	400M					100m	Ge	100 S	TO-5
-	2N1141A	Hi-Tron	750m	35	500M					100m	Ge	100 S	TO-5
70	2N1141A	AmerMicroSC	750m	35	500M					100m	Ge	100 S	TO-5
-	2N1141A	Space Power	750m	35	500M					100m	Ge	100 S	TO-5
-	BFQ54 (A)	PhilipsElec	1.0							150m	Si		SOT-103
-	BFQ54T	PhilipsElec	1.0							150m	Si		SOT-37
-	BFQ54	PhilipsElec	2.2							150m	Si		SOT-122
UHF/Microwave Transistors, JFET N-Channel													
75	NE13783	NEC Corp JA	270m	5.0	80G	14		1.1	8.0G	100	GaAs	175 S	Micro-X
-	NE24483	NEC Corp JA	300m		55G	11		2.0	8.0G		GaAs	175 S	Macro-X
-	NE21889	NEC Corp JA	300m		60G	16		0.9	4.0G		GaAs	175 S	-None
-	NE38883	NEC Corp JA	300m		80G	13		1.7	8.0G		GaAs	175 S	Macro-X
-	2SK138	NEC Corp JA	300m	5.0				2.6	8.0G	100m	GaAs	125 S	Micro-X
80	2SK140	NEC Corp JA	300m	5.0				2.7	12G	100m	GaAs	125 S	Micro-X
-	ATF10135	Avantek Inc	400m		12G	14		0.5	4.0G		GaAs		SOT-173var
-	ATF10235	Avantek Inc	400m		12G	14		0.8	4.0G		GaAs		SOT-173var
-	ATF20135	Avantek Inc	400m		12G	14		1.1	4.0G		GaAs		SOT-173var
-	ATF12535	Avantek Inc	400m		12G	16		1.2	4.0G		GaAs		SOT-173var
85	NE24406	NEC Corp JA	500m		55G	11		2.0	8.0G		GaAs	175 S	Macro-X
-	NE38806	NEC Corp JA	500m		80G	13		1.7	8.0G		GaAs	175 S	Macro-X
-	2N6680	Space Power	500m	5.0	12G	6.9		3.2	10G	120m	GaAs	150 S	SOT-100var
-	CFX21	PhilipsElec	500m	8	11G	7.5	50m			110m	GaAs	175 S	FO-93
-	NE46385	NEC Corp JA	500m	8.0	45G	14		3.0	8.0G	100m	GaAs	175 S	Macro-X
90	2SK125	Sony Corp	500m	25	500M	7.0		4.0	500M	100m	Si	125 S	TO-226var