

# UHF AND MICROWAVE TRANSISTORS

Item Number	Part Number	Manufacturer	Pd Max (W)	V <sub>(BR)CBO</sub> (V)	f <sub>osc</sub> Max (Hz)	G <sub>p</sub> (dB)	P <sub>o</sub> (W)	N.F. (dB)	at f <sub>Test</sub> (Hz)	I <sub>c</sub> Max (A)	Matl.	T <sub>oper</sub> Max (°C)	Package Style
<b>UHF/Microwave Transistors, Bipolar NPN (Cont'd)</b>													
-	UMOB55	Acrian Inc	125	36	512M		55		470M	9.0	Si	175 J	SOT-119var
-	RZ2731B60W	PhilipsElec	125	50	3.1G	6.3	60		3.1G	5.7	Si	200 J	FO-57D
-	RZ2833B60W	PhilipsElec	125	50	3.3G	5.6	55		3.3G	5.7	Si	200 J	FO-57D
-	RZ3135B50W	PhilipsElec	125	50	3.5G	5.2	50		3.5G	5.7	Si	200 J	FO-57D
5	DME25	Acrian Inc	125	60	1.2G		25			2.5	Si		FO-67var
-	0912-25	Acrian Inc	125	60	1.2G		25			2.5	Si		FO-67var
-	0915-40	Acrian Inc	135	50	1.5G		40			12	Si	175 J	RFMOD
-	1618-35	Acrian Inc	135	50	1.8G		35			12	Si	175 J	RFMOD
-	DME30L	Acrian Inc	140	40	1.2G		30			5.0	Si		FO-67var
10	MKB12100WS	PhilipsElec	140	50	1.1G	7.2	65		1.1G	6.0	Si	175 J	FO-53
-	LDR40SB	Acrian Inc	140	50	1.4G		40		1.4G	3.0	Si	175 J	RFMOD
-	BAL0004-50	Acrian Inc	140	60	400M		50			6.0	Si		SOT-161var
-	BAL0204-50	Acrian Inc	140	60	400M		50			6.0	Si		SOT-161var
-	UMIL60	Acrian Inc	140	60	400M		60		400M	8.0	Si	175 J	SOT-119var
15	UMIL70	Acrian Inc	140	60	400M		70		400M	8.0	Si	175 J	SOT-119var
-	2N6439	See Index	140	60	400M		60			8.0	Si	175 J	SOT-119var
-	C2M70-28R	Acrian Inc	140	60	400M	8.5	70		400M	8.0	Si	175 J	SOT-119var
-	BAL0105-50	Acrian Inc	140	60	500M		50			6.0	Si		SOT-161var
-	0105-50	Acrian Inc	140	60	500M		50		500M	7.0	Si	175 J	RFMOD
20	CM60-12A	Acrian Inc	145	36	470M	5.0	60		470M	15	Si	175 J	SOT-119var
-	9BSE55	Acrian Inc	145	50	900M	20	55		900M	18	Si	175 J	RFMOD
-	JTDB50 (A)	Acrian Inc	145	50	1.2G		50				Si	175 J	RFMOD
-	MRF309	Motorola	146	60	450M	8.0	50		450M		Si	150 S	SOT-119var
-	RZ3135B40U (A)	PhilipsElec	150	25	3.5G	5.0	45			6.0	Si	175 J	FO-57C
25	2SC2783	ToshibaCorp	150	36	470M	6.9	40			8.0	Si	175 J	SOT-119var
-	SD1414	ThmsnCSFEFC	150	36	836M	5.5	45			9.0	Si	150 J	SOT-171var
-	J03404	TRW RF Dvc	150	36	870M	4.8	40			9.0	Si	150 S	RFMOD
-	MRF846	Motorola	150	36	870M	5.2	40		870M	14	Si	150 S	SOT-171var
-	RZ2833B30W	PhilipsElec	150	50	3.3G	5.0	30		3.3G	4.0	Si	200 J	FO-57C
30	RZ3135B30W	PhilipsElec	150	50	3.5G	5.5	34		3.5G	4.0	Si	200 J	FO-57C
-	TPV376	TRW RF Dvc	150	65	260M	7.5	75			16	Si	175 J	SIX-10
-	FM150	Acrian Inc	165	35	108M	10			108M	16	Si	175 J	SOT-123var
-	2SC3102	MitsubiElec	170	35	520M	50	65		520M	18	Si	175 J	SOT-119var
-	NEM056029-12	NEC Corp JA	175	35			66			20	Si	175 J	SOT-119var
35	MRF648	Motorola	175	36	470M	5.0	60		470M	11	Si	150 S	SOT-119var
-	SD1434	ThmsnCSFEFC	175	36	470M	5.5	45			10	Si	175 J	SOT-119var
-	SD1434	Space Power	175	36	470M	5.5	45			10	Si	175 J	SOT-119var
-	BAL0710-75	Acrian Inc	175	50	1.0G		75			15	Si		RFMOD
-	FJ0880-28	Fujitsu Ltd	175	55	860M	5.0	80			20	Si		RFMOD
40	FJ0880-28	FujitsuMicr	175	55	860M	5.0	80			20	Si		RFMOD
-	TPM4100	TRW RF Dvc	175	65	400M	7.5				10	Si		SOT-161var
-	SD1551	ThmsnCSFEFC	175	65	1.2G	8.2	80			9.0	Si	175 J	RFMOD
-	SD1532	ThmsnCSFEFC	175	65	1.2G	8.5	40			3.7	Si	175 J	SIX-8
45	SD1532	Space Power	175	65	1.2G	8.5	40			3.7	Si	175 J	SIX-8
-	SD1532-1	ThmsnCSFEFC	175	65	1.2G	9.5	55			3.7	Si	175 J	Macro-X
-	SD1532-8	ThmsnCSFEFC	175	65	1.2G	9.5	55			3.7	Si	175 J	RFMOD
-	RZB12100Y	PhilipsElec	180	60	1.1G	10	100		1.1G	6.0	Si	200 J	FO-57C
-	RZ1214B65Y	PhilipsElec	180	60	1.4G	7.0	80			6.0	Si	175 J	FO-57C
-	MKB12140W	PhilipsElec	190	55	1.1G	9.8	120			8.0	Si	175 J	FO-53
50	J02058	TRW RF Dvc	200	30	870M		100			14	Si	175 J	RFMOD
-	CME70-12	Acrian Inc	200	36	512M		70			16	Si		SOT-119var
-	NEM056029-28	NEC Corp JA	200	55			63			12	Si	175 J	SOT-119var
-	NE028024-28	NEC Corp JA	200	55			100			12	Si	175 J	SOT-119var
55	MKB12100W	PhilipsElec	209		1.0G	8.5	90				Si		FO-53
-	TPM4130	TRW RF Dvc	210	65	400M	7.2				10	Si		SOT-161var
-	SD1499-1	ThmsnCSFEFC	218	36	470M	4.7	65			13	Si	150 J	SOT-119var
-	SD1534	Space Power	218	65	1.2G	7.0	50			5.5	Si	175 J	SIX-8
-	SD1534	ThmsnCSFEFC	218	65	1.2G	7.0	50			5.5	Si	175 J	SIX-8
-	SD1534-1	ThmsnCSFEFC	218	65	1.2G	8.0	80			5.5	Si	175 J	Macro-X
60	SD1534-8	ThmsnCSFEFC	218	65	1.2G	8.0	80			5.5	Si	175 J	RFMOD
-	NEM050C29-28	NEC Corp JA	220	55			100			15	Si	175 J	SOT-119var
-	SD1462	ThmsnCSFEFC	220	60	400M	7.4	70			8.0	Si	175 J	SOT-160var
-	CDR075	Acrian Inc	225	60	1.0G	7.0	75		1.0G	7.0	Si	175 J	RFMOD
65	DME50	Acrian Inc	225	60	1.2G		50			4.5	Si		FO-67var
-	0912-45	Acrian Inc	225	60	1.2G		45			4.5	Si		FO-67var
-	JTDB100	Acrian Inc	233	50	1.2G		100				Si	175 J	RFMOD
-	C2M100-28A	Acrian Inc	250	60	400M		100			12	Si		RFMOD
-	GMO104-100	Acrian Inc	250	60	400M		100		400M	16	Si	175 J	RFMOD
-	UMIL100	Acrian Inc	250	60	400M		100		400M	12	Si	175 J	SOT-119var
70	UMIL100A	Acrian Inc	250	60	400M		100		400M	12	Si	175 J	RFMOD
-	SD1470	ThmsnCSFEFC	250	60	400M	7.0	100			4.0	Si	175 J	SOT-160var
-	CM80-28R	Acrian Inc	250	60	400M	7.6	80		400M	12	Si	175 J	SOT-119var
-	BAL0004-100	Acrian Inc	250	60	400M	8.0	100		400M	12	Si	175 J	SOT-161var
75	MRF327	Motorola	250	60	400M	9.0	80		400M	9.0	Si	175 S	SOT-119var
-	MRF338	Motorola	250	60	470M	8.8	80		470M	9.0	Si	150 S	SOT-161var
-	CM80-28	Acrian Inc	250	60	500M		80			12	Si	175 J	SOT-119var
-	BAL0105-100	Acrian Inc	250	60	500M	7.0	100		500M	12	Si	175 J	SOT-161var
-	MRB11080Y	PhilipsElec	250	65	1.1G	8.5	100			7.0	Si	200 J	FO-67
-	MRF329	Motorola	270	30	500M	9.7	100		400M	9.0	Si	150 S	RFMOD
80	2N6985	Motorola	270	60		7.5			400M	16	Si		RFMOD
-	2N6986	Motorola	270	60		7.5			500M	16	Si		RFMOD
-	BAL0204-125	Acrian Inc	270	60	400M		125			16	Si		SOT-161var
-	0104-100	Acrian Inc	270	60	400M		100		400M	16	Si	175 J	RFMOD
-	0204-125	Acrian Inc	270	60	400M		125		400M	16	Si	175 J	RFMOD
85	0105-100	Acrian Inc	270	60	500M		100		500M	16	Si	175 J	RFMOD
-	RZ1214B60W	PhilipsElec	275	50	1.4G	7.8	60			7.5	Si	175 J	FO-57C
-	MRF1090MC	Motorola	290	70	1.2G	8.4	90		1.0G	6.0	Si	150 S	RFMOD
-	MRF1090MA	Motorola	290	70	1.2G	10	90		1.0G	6.0	Si	150 S	SIX-8
-	MRF1090MB	Motorola	290	70	1.2G	10	90		1.0G	6.0	Si	150 S	Macro-X
90	SD1536	ThmsnCSFEFC	292	65	1.2G	7.8	80			10	Si	175 J	SIX-8
-	SD1536	Space Power	292	65	1.2G	7.8	80			10	Si	175 J	SIX-8
-	SD1536-1	ThmsnCSFEFC	292	65	1.2G	7.8	80			10	Si	175 J	SIX-8
-	SD1536-8	ThmsnCSFEFC	292	65	1.2G	9.2	110			10	Si	175 J	RFMOD
95	BFG197	PhilipsElec	300	60	1.4G	7.0	135	4.0	2.0G	100m	Si	200 J	SOT-143
-	RX1214B150W	PhilipsElec	300	60	1.4G	7.0	135		1.4G	15	Si	200 J	FO-91
-	MZ0912B75Y	PhilipsElec	300	65	1.2G	8.6	90			7	Si	175 J	FO-57C