

## ACTIVE DEVICES

<b>SYNTHESIZER</b>		
<b>Designator</b>	<b>Vendor Part Number</b>	<b>Function</b>
D501	1S270	Varicap diode
D531	1S270	Varicap diode
D533	1S270	Varicap diode
Q201	KRA102S	PNP Switching Transistor, SOT23
Q502	2SC4226	Rx VCO Amp, NPN RF Transistor, SC-70
Q503	2SC3356	Rx VCO Buffer, NPN RF Transistor, SOT-23
Q531	2SC4226	Tx Oscillator, NPN RF Transistor, SC-70
Q532	2SC4226	Tx VCO Amp, NPN RF Transistor, SC-70
Q533	2SC4226	Tx Predriver AMP, NPN RF Transistor, SOT-23
Q534	2SC4226	Tx Predriver AMP, NPN RF Transistor, SOT-23
Q535	2SC4226	Tx VCO Buffer, NPN RF Transistor, SOT-23
U201	TCXO 0215A (12.8 MHz)	1.5 PPM TCXO
U202	LMX1511TM	PLL, MTC20
U203	TK11817M	Charge Pump, DC/DC Up Converter, SOT-23L
U204	UMH9N	Narrow/Wide NPN Switching Transistor, SC-88A
U401	BA4116FV	IF IC
U402	UMH9N	N/W, Switching Array Transistor, SC-88A
U501	UMH9N	Narrow/Wide NPN Switching Transistor, SC-88A

<b>TRANSMITTER</b>		
<b>Designator</b>	<b>Vendor Part Number</b>	<b>Function</b>
D101	UPP9401	RF Power Switching, PIN Diode
D102	UPP9401	RF Power Switching, PIN Diode
D103	HSM88AS	Schottky Diode, SC-59
Q101	2SC3357	TX Power Driver, NPN Transistor, SOT-89
U101	M68723HA	RF Power Module
U102	TA75W01F	TX Low Pass Filter, Op Amp, SSOP8
U103	UMC6N	Switching Array Transistor, SC-88A