

ACTIVE DEVICES

SYNTHESIZER		
Designator	Vendor Part Number	Function
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

TRANSMITTER		
Designator	Vendor Part Number	Function
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