

APPENDIX 1

REMOTE UNIT		
Type	Function	Ref. Designator
74HC04M	Hex Inverters	U4; U20
BC847B	NPN Switching Transistor	Q7-8; Q11; Q16; Q18; Q20; Q24; Q26-28
BC857B	PNP Switching Transistor	Q4-6
BFP193	Transistor, NPN RF Amplifier	Q3; Q10; Q23; Q25
BSP171	Switching Transistor, P Chan MOSFET	Q14-15; Q19
CLC428AJE	Low Noise Dual Op-Amp	U9; U17
D1211UK	Power RF Amplifier	Q17
DS1624	Digital Thermometer	U22
EL2444CS	Quad Op-Amp	U13
LM2901D	Quad Comparator	U18
LM6142AIM	Dual Op-Amp	U14
LM6144 AIM	Quad Op-Amp	U1; U3
LMX2332A	Synthesizer	U12
LT1118CST	2.5 V Voltage Regulator	U11
LT1129IS8	10 V Voltage Regulator	U7; U23
LT1521IST-5	5 V Voltage Regulator	U10
MAX406BESA	Single Op-Amp	U19
MAX412ESA	Dual Op-Amp	U2
MC12093D	Divide2/4/8 Prescaler	U5
MRF557D	Transistor, NPN RF Amplifier	Q22
NDS9435	Switching MOSFET	Q21
NE5537D	Sample & Hold Amplifier	U15-16
RF2812	VHF Modulator	U21