Oscillators

QTY	Ref. Des.	Value/Voltage	Name	LS (mm)	Manufacturer	Suggested Part #
2	C1,C33	0.1uF/250vdc	MLCC	5 mm	TDK	FG24X7T2E104KNT6
1	C2	200pF/500vdc	Mica Capacitor	3.6 mm	Cornell Dubilier	CD10FD201J03F
3	C3,C6,C10	5.5-65pF	10mm Varcap	5 X 10mm	Vishay	BFC2 808 31659
5	C4,C7,C12,C14,C15	0.001uF/250vdc	MLCC	5 mm	TDK	FG28G0G2E102JNT06
1	C5	750pF/300vdc	Mica Capacitor	7 mm	Cornell Dubilier	CD15FC751J03F
5	C8,C13,C16,C19,C20	0.047uF/250VDC	MLCC	5 mm	TDK	FA26X7R2E473KNU00
1	C9	680pF/300VDC	Mica Capacitor	5.9 mm	Cornell Dubilier	CD15FC681J03F
1	C11		Air Variable Capacitor	Panel Mount		
2	C17,C18	47pF/250vdc	MLCC	5 mm	Murata	RCE5C2E470J1K1H03B
1	C32	100uF	Electrolytic	8 mm X 16 mm	CDE	107TMA050M
1	I1	#47	Pilot Lamp Assy	N/A	N/A	Red Jewel Pilot Lamp
1	J2	Interconnect Cable	Octal-8	Octal-8	N/A	Male Octal Plug
1	J4	1/8" Phone Jack	Pitch Prieview	Panel Mount	Kycon	STPX-3501-3C-1
1	L1	Custom	Volume Osc Coil	N/A	See Literature	
1	L2	Custom	Volume Aerial Coil	N/A	See Literature	
1	L3	4.7mH	Power Inductor	SMD	Wurth Electronics	744776347
1	L4	Custom	Fixed Osc Coil	N/A	See Literature	
1	L5	Custom	Pitch Osc Coil	N/A	See Literature	
1	L6	Custom	Pitch Aerial Coil	N/A	See Literature	
5	R1,R3,R6,R14,R30	100K	Resistor ½ Watt	N/A	Yageo	MFR50SJT-52-100K
3	R2,R4,R7	10K	Resistor 2 Watt	N/A	Yageo	FMP200JY-52-10K
2	R5,R8	220K	Resistor ½ Watt	N/A	Vishay	MFR50SJT-52-220K
3	R9,R12,R13	1.0M	Resistor ½ Watt	N/A	Yageo	MFR50SJT-52-1M
1	R10	10K	Resistor ½ Watt	N/A	Yageo	MFR50SJT-52-10K
2	R11,R17	39K	Resistor 2 Watt	N/A	Yageo	FMP200JR-52-39K
1	R15	15K	Resistor 2 Watt	N/A	Yageo	FMP200JR-52-15K
1	R16	1.5K	Resistor ½ Watt	N/A	Yageo	MFR50SJT-52-1K5
1	TP1	TP1	Test Point	Test Point		
3	V1, V3, V5	6J5	Socket for 6J5	Octal-8	Belton Electronics	VT8-PT
1	V2	6H6	Socket for 6H6	Octal-8	Belton Electronics	VT8-PT
1	V4	6SN7	Socket for 6SN7	Octal-8	Belton Electronics	VT8-PT
1	VR1	5K	Trimmer Pot	PCB Through Hole	Bourns	3352E-1-502LF
1	VR3	500K	Potentiometer	Panel Mount	Alpha	RV24AF-10-15R1-B500K-3LA
57	Total Parts					

	Mounting Hardware		Used
20	# 4-40 x ¼" Screw	Phillips Head	Tube Socket Mounting
40	# 4 Lock Washer	Internal Tooth	Tube Socket Mounting
12	# 6-32 x ¼" Screw	Phillips Head, Brass	Oscillator Coils
12	# 6 Flat Washer	Brass	Oscillator Coils
10	Aluminum Standoff	Keystone Electronics #1839	Tube Socket Mounting
6	Ceramic Standoff	Keystone Electronics #7713	Oscillator Coil Mounts
5	Rubber Grommet	½" O.D.x3/8" I.D.x1/16"	Chassis Holes
12	Rubber Grommet	3/8" O.D.x1/4" I.D.x1/16"	Chassis Holes