

First we need to make sure we have a complete compliment of component parts. Please use the following check list to ascertain this.

Designator	Description	QTY	Code	Check
R1, R2, R3, R4, R5, & R6	10 Ω 1/2W Carbon Film Resistor	6	Brown-Black-Black	<input type="checkbox"/>
R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, & R18	100 Ω 2W Carbon Film Resistor	12	Brown- Black- Brown	<input type="checkbox"/>
R19	4.7 Ω 2W Carbon Film Resistor	1	Yellow-Violet-Gold	<input type="checkbox"/>
C1, C2, & C3	180 pf Silver Dipped Mica Capacitor	3	180 or 181 / 500V	<input type="checkbox"/>
C4, C5, & C6	330pf Silver Dipped Mica Capacitor	3	330 or 331 / 500V	<input type="checkbox"/>
C7, C8, & C9	1000pf Metal Clad Capacitor	3	1000	<input type="checkbox"/>
C10, C11, C12, C13, C14, & C15	.01uf Ceramic Disc Capacitor	6	103 or .01	<input type="checkbox"/>
C16, C17, C18, C19 C20, & C21	120 pf Silver Dipped Mica Capacitor	6	120 or 121 / 500V	<input type="checkbox"/>
C25, C26, C27, C28 C29, & C30	.1uf Ceramic Disc Capacitor	6	.1 or 104	<input type="checkbox"/>
C22, C23, & C24	150 pf Metal Clad Capacitor	3	150	<input type="checkbox"/>
C34	22 uf Electrolytic Capacitor	1	22 uf / 25V	<input type="checkbox"/>
C35	10 pf Ceramic Disc Capacitor	1	10	<input type="checkbox"/>
VC1	25-150pf Tube in Tube Variable Capacitor	1	PSF# VC150	<input type="checkbox"/>

Designator	Description	QTY	Code	Check
D1	3A / 1000V PIV Silicon Rectifier	1	1N5408	<input type="checkbox"/>
D2	1A / 1000V PIV Silicon Rectifier	1	1N4007	<input type="checkbox"/>
D3	Glass Signal Diode	1	1N4148	<input type="checkbox"/>
D4	LED Indicator assy.	1	Green LED / Resistor Pkg.	<input type="checkbox"/>
D5	LED Indicator assy.	1	Red LED / Resistor Pkg.	<input type="checkbox"/>
TR1, TR2, TR3, TR4, TR5, & TR6	250 Watt RF Power Transistor	6	2SC2879	<input type="checkbox"/>
TR7	NPN Switching Transistor / TO-92	1	PN2222A	<input type="checkbox"/>
FC4, FC5, FC6, FC7 FC8, FC9, FC10 FC11, FC12, FC15, & FC16	1/2" x 1/2" Ferrite Core	11	PSF# FC.5	<input type="checkbox"/>
FC1, FC2, FC3, FC13, & FC14	1/4" x 1/2" Ferrite Core	5	PSF# FC.25	<input type="checkbox"/>
T1, T2, & T3	1/2" x 1/2" Ferrite Transformer Core	3	PSF# FT.5	<input type="checkbox"/>
T4, T5, & T6	1/2" x 2" Ferrite Transformer Core	3	PSF# FT2	<input type="checkbox"/>
SW1	SPST Switch	1	PSF# SW1	<input type="checkbox"/>
RLY1	DPDT Relay 12V Coil /10A Contacts	1	PSF# RLY10	<input type="checkbox"/>
FAN1	4.7" Fan Assy.	1	PSF# FAN4.7	<input type="checkbox"/>
FG1	4.7" Fan Guard	1	PSF# FG4.7	<input type="checkbox"/>
Conn1, Conn2	Panel Mount SO239 UHF Connector	2	PSF# SO-239B OR SO-239T	<input type="checkbox"/>
Conn3	1/4" Stereo Phone Jack	1	PSF# PJ-2	<input type="checkbox"/>
#12CW	#12 Solid Copper Wire (2 x 12" / L1 & L2 Loading Coils)	2		<input type="checkbox"/>

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Cabinet	Aluminum Enclosure Assy.	1	PSF# AE-EXLG	<input type="checkbox"/>
HS1	Aluminum Heat Sink	1	PSF# AHS-LG	<input type="checkbox"/>
CB1	Pre-Drilled Copper Clad Circuit Board	1	PSF# CCB-EXLG	<input type="checkbox"/>
CB2	Power Buss Circuit Board 6" x 3/4"	1	PSF# CCCB-.75X6	<input type="checkbox"/>
PS1, & 2	6 Position Pre-Cut Transistor / Pill Strips	2	PSF# PS6X	<input type="checkbox"/>
SCK1, & SCK2	LED Mounting Clip (with D4 & D5)	2		<input type="checkbox"/>
WIRE-1	#20 Silver/Teflon Wire 4-3/4" / Windings for FC1, FC2, & FC3	3	PSF# TEF20	<input type="checkbox"/>
WIRE-2	#16 Silver/Teflon Wire 8-3/4" Windings for T1, T2, & T3 19" Windings for T4, T5, & T6 8" Windings for FC4, FC5, & FC6 6" Windings for SPLT1 & CMBR1 3" Wire leads from RLY1 to CONN1 & 2	3 3 3 6 2	PSF# TEF16 PSF# TEF16 PSF# TEF16 PSF# TEF16 PSF# TEF16	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
WIRE-3	24" Length of #20 Hook-up Wire (Color 1)	1		<input type="checkbox"/>
WIRE-4	24" Length of #20 Hook-up Wire (Color 2)	1		<input type="checkbox"/>
WIRE-5	14" Length of #10 Red Power Cable	2		<input type="checkbox"/>
WIRE-6	14" Length of #10 Black Power Cable	2		<input type="checkbox"/>
COAX -1	RG316 Coax 7" Coax leads from SPLT1 to input transformer windings 9" Coax leads from CMBR1 to output transformer windings	3 3	PSF# RG316 PSF# RG316	<input type="checkbox"/> <input type="checkbox"/>

Designator	Description	QTY	Code	Check
HDW1	Hardware Kit (See Below)			
	SHCS #4 40 x 1/4" Socket screw	16		<input type="checkbox"/>
	SHCS #6 32 x 1/4" Socket screw	12		<input type="checkbox"/>
	Pan Head Sheet Metal Screw	6		<input type="checkbox"/>
	Pan Head Machine Screw #6 32 x 1/2"	8		<input type="checkbox"/>
	#6 Lock Washer	6		<input type="checkbox"/>
	#6 32 TPI Machine Nut	4		<input type="checkbox"/>
	#6 Solder Lug	5		<input type="checkbox"/>
	Pan Head Machine Screw #8 32 x 1-1/2" (Fan Mounting)	4		<input type="checkbox"/>
	#8 32 TPI Machine Lock Nut (NYLOCK) (Fan Mounting)	4		<input type="checkbox"/>
	Rubber Feet	4		<input type="checkbox"/>
	Grommet	1		<input type="checkbox"/>
	Hole Plug	1		<input type="checkbox"/>
	Scrap circuit board material	1		<input type="checkbox"/>
	Heat sink lubricant	1		<input type="checkbox"/>
	Label Sheet	1		<input type="checkbox"/>
	4" Cable Tie	4		<input type="checkbox"/>
	6" Cable Tie	2		<input type="checkbox"/>