

175V Parts List

Designator	Description	QTY	Code	Check
R1	4.7Ω 2W Carbon Film Resistor	1	Yellow-Violet-Gold	<input type="checkbox"/>
R2	100Ω 2W Carbon Film Resistor	1	Brown- Black- Brown	<input type="checkbox"/>
R3	10Ω 1/2W Carbon Film Resistor	1	Brown-Black-Black	<input type="checkbox"/>
VR1	100Ω 2W Potentiometer	1	Labeled	<input type="checkbox"/>
C1	100~180 pf Silver Dipped Mica Capacitor	1	100~180 / 500V	<input type="checkbox"/>
C2, C3, C4	1000 pf Ceramic Disc Capacitor	3	1000, 102, or .001	<input type="checkbox"/>
C5, C6, C7, C8	.1 uf Ceramic Disc Capacitor	4	0.1, or 104	<input type="checkbox"/>
C9	1000 pf Silver Dipped Mica Capacitor	1	1000 or 102 / 500 or 1000V	<input type="checkbox"/>
C10	120 pf Silver Dipped Mica Capacitor	1	120 or 121 / 500V	<input type="checkbox"/>
C11	150 pf Silver Dipped Mica Capacitor	1	150 or 151 / 500V	<input type="checkbox"/>
C12	22 uf Electrolytic Capacitor	1	22 uf / 25V	<input type="checkbox"/>
C13	22 pf Ceramic Disc Capacitor	1	22	<input type="checkbox"/>
C14	.03 uf Silver Dipped Mica Capacitor	1	Large Cap. (Not Labeled)	<input type="checkbox"/>
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	Blue LED / Resistor Pkg.	<input type="checkbox"/>
TR1	250 Watt RF Power Transistor	1	2SC2879	<input type="checkbox"/>
TR2	Switching Transistor / TO-92	1	PN2222A	<input type="checkbox"/>
FC1, & 2	½" x ½" Ferrite Core	2	PSF# FC.5	<input type="checkbox"/>
FC3, & 4	¼" x ½" Ferrite Core	2	PSF# FC.25	<input type="checkbox"/>
T1	½" x ½" Ferrite Transformer Core	1	PSF# FT.5	<input type="checkbox"/>

Designator	Description	QTY	Code	Check
T2	½" x 1" Ferrite Transformer Core	1	PSF# FT1	<input type="checkbox"/>
SW1	SPST Switch	1	PSF# SW1	<input type="checkbox"/>
RLY1	DPDT Relay	1	PSF# RLY5	<input type="checkbox"/>
Conn1, Conn2	Panel Mount SO239 UHF Connector	2	PSF# SO239	<input type="checkbox"/>
Cabinet	Aluminum Enclosure Assy.	1	PSF# AE-SM	<input type="checkbox"/>
HS1	Aluminum Heat Sink	1	PSF# AHS-SM	<input type="checkbox"/>
CB1	Pre-Drilled Copper Clad Circuit Board	1	PSF# CCB-SM	<input type="checkbox"/>
CB2	Copper Clad Circuit Board (Power Bus)	1		<input type="checkbox"/>
PS1, & 2	Pre-Cut Transistor / Pill Strips	2	PSF# PS8X	<input type="checkbox"/>
SCK1	LED Mounting Clip (Packaged w/ LED)	1		<input type="checkbox"/>
KB1	Control Knob	1		<input type="checkbox"/>
WIRE-2	21" Length of #16 Silver/Teflon Wire	1	PSF# TEF16	<input type="checkbox"/>
WIRE-3	19" Length of #20 Silver/Teflon Wire	1	PSF# TEF20	<input type="checkbox"/>
WIRE-4	8" Length of #20 Hook-up Wire (Color 1)	1		<input type="checkbox"/>
WIRE-5	8" Length of #20 Hook-up Wire (Color 2)	1		<input type="checkbox"/>
WIRE-6	12" Length of #12 Power Cable	1		<input type="checkbox"/>
COAX	7" Length RG316 Coax	1	PSF# RG316	<input type="checkbox"/>

Designator	Description	QTY	Code	Check
HDW1	Hardware Kit (See Below)			
	SHCS #4 40 x 1/4" Socket screw	4		<input type="checkbox"/>
	SHCS #6 32 x 1/4" Socket screw	4		<input type="checkbox"/>
	Pan Head Sheet Metal Screw	4		<input type="checkbox"/>
	Pan Head Machine Screw #6 32 x 1/2"	4		<input type="checkbox"/>
	Circuit Board Spacer Washer	4		<input type="checkbox"/>
	#6 Lock Washer	2		<input type="checkbox"/>
	#6 32 TPI Machine Nut	4		<input type="checkbox"/>
	#6 Solder Lug	2		<input type="checkbox"/>
	Rubber Feet	4		<input type="checkbox"/>
	Rubber Grommet	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"/>