

ALPHA 89

PART DESCRIPTION	PART #	SCHEMATIC SYMBOL
BLOWER 230V (COMPLETE ASSEMBLY)	AHX-X605	BL1
BLOWER MOTOR 230V	BLX-X121	
BLOWER SQUIRREL CAGE	BLX-X104	
BLOWER HOUSING	BLX-X106	
BOARD INPUT WATTMETER-UNSTUFFED	BCX-X243	
BOARD INPUT WATTMETER-STUFFED	ABX-X244	
BOARD OUTPUT WATTMETER-UNSTUFFED	BCX-X243	
BOARD OUTPUT WATTMETER-STUFFED	ABX-X243	
BOARD INPUT MATCHING-UNSTUFFED	BCX-X242	
BOARD INPUT MATCHING-STUFFED	ABX-X239	
BOARD DISPLAY-UNSTUFFED	BCX-X226	
BOARD DISPLAY-STUFFED	ABX-X242	
BOARD MULTIMETER PUSHBUTTON	ABX-X095	
BOARD POWER SUPPLY-UNSTUFFED	BCX-X276	
BOARD POWER SUPPLY-STUFFED	ABX-X240	
BOARD PIN DIODE-UNSTUFFED	BCX-X277	
BOARD PIN DIODE-STUFFED	ABX-X241	
BOARD PAD CAP PCB-UNSTUFFED	BCX-X168	
BOARD PAD CAP PCB-STUFFED	ABX-X096	
BOARD CONTROL-UNSTUFFED	BCX-X278	
BOARD CONTROL-STUFFED	ABX-X245	
BULB CM73 14V (QTY 2)	ILX-X110	
BULB CM85 28V (QTY 2)	ILX-X107	
CABLE RIBBON (CNTRL TO DSPLY)	AJX-X147	
CAPACITOR 18pF 1KV (INPUT BRD)	CDX-1800	C7
CAPACITOR 150pF 500V (INPUT BRD)	CMX-1510-A	C8
CAPACITOR 15-60pF VAR. (INPUT BRD)	CVX-6000	C9
CAPACITOR .001uF 50V (INPUT BRD)	CKM-1021-C	C1-C6
CAPACITOR 4.7pF 3KV DISC (OUTPUT BRD)	CKD-47G0	C7
CAPACITOR 15-60pF VAR. (OUTPUT BRD)	CVX-6000	C9
CAPACITOR 120pF 500V (OUTPUT BRD)	CMX-1210-A	C8
CAPACITOR .001uF 50V (OUTPUT BRD)	CKM-1021-C	C1-C6,C10
CAPACITOR 3000pF 500V (INPUT MATCH)	CMX-3020-A	C1
CAPACITOR 2200pF 500V (INPUT MATCH)	CMX-2220	C11
CAPACITOR 1200pF 500V (INPUT MATCH)	CMX-1220-A	C12,C14
CAPACITOR 500pF 500V (INPUT MATCH)	CMX-5010-A	C3
CAPACITOR 1000pF 100V (INPUT MATCH)	CMX-1020	C2
CAPACITOR 680pF 500V (INPUT MATCH)	CMX-6810-A	C4,C9
CAPACITOR 820pF 500V (INPUT MATCH)	CMX-8210	C13
CAPACITOR 390pF 500V (INPUT MATCH)	CMX-3910-A	C5
CAPACITOR 560pF 500V (INPUT MATCH)	CMX-5610-A	C15
CAPACITOR 150pF 500V (INPUT MATCH)	CMX-1510-A	C6
CAPACITOR 220pF 500V (INPUT MATCH)	CMX-2210	C10,C16
CAPACITOR 100pF 500V (INPUT MATCH)	CMX-1010	C7,C18
CAPACITOR 120pF 500V (INPUT MATCH)	CMX-1210-A	C17
CAPACITOR 82pF 500V (INPUT MATCH)	CMX-8200	C8
CAPACITOR 50pF 500V (INPUT MATCH)	CMX-5000-A	C19
CAPACITOR .1uF 100V (DSPLY BRD)	CKM-1040	C1,C12-C16,C23-C34
CAPACITOR .01uF 100V (DSPLY BRD)	CKM-1030	C6-C11,C18-C21
CAPACITOR 100uF 50V (PWR SUPPLY)	CEX-1071	C24
CAPACITOR 1uF 35V TANT. (PWR SUPPLY)	CLX-1050	C13
CAPACITOR .001uF 100V (PWR SUPPLY)	CKM-1021-C	C14,C26,C27
CAPACITOR .1uF 100V (PWR SUPPLY)	CKM-1040	C7,C10,C12,C15
CAPACITOR 10uF 20V TANT. (PWR SUPPLY)	CLX-1060	C2,C6
CAPACITOR 100uF 25V (PWR SUPPLY)		C4,C23
CAPACITOR 100uF 63V (PWR SUPPLY)	CEX-1071	C4,C23 (BRD)
CAPACITOR .01uF 100V (PWR SUPPLY)	CKM-1030	C8,C9,C11
CAPACITOR 10uF 63V (PWR SUPPLY)	CEX-1065-C	C3,C25
CAPACITOR 10,000uF 50V (PWR SUPPLY)	CEX-1092-F	C1
CAPACITOR 12,000uF 25V (PWR SUPPLY)	CEX-1230-F	C5
CAPACITOR 350uF 450V FILTER (PWR SUPPLY)	CEX-3570	C16-C22
CAPACITOR .001uF 100V (PIN DIODE BRD)	CKM-1021-C	C36-C40
CAPACITOR .01uF 100V (PIN DIODE BRD)	CKM-1030	C19,C20,C27-C31,C33,C41-C43

CAPACITOR .002uF 1KV (PIN DIODE BRD)	CDX-2020	C35
CAPACITOR 4.7uF 250V (PIN DIODE BRD)	CEX-4750-C	C32
CAPACITOR 250pF 1KV (PIN DIODE BRD)	CDX-2510	C21
CAPACITOR .02uF 1KV (PIN DIODE BRD)	CDX-2030-C	C17,C18
CAPACITOR .1uF 100V (PIN DIODE BRD)	CKM-1041	C1-C16
CAPACITOR .002uF 3KV (AC IN)	CDX-2022	C1,C2
CAPACITOR .1uF 100V MONO (TUBE DECK) (QTY 3)	CKM-1041	
CAPACITOR 100pF MICA (TUBE DECK) (QTY 2)	CMX-1010	
CAPACITOR .02uF 1KV DISC (TUBE DECK)	CDX-2030-C	
CAPACITOR .001uF 50V (ALC JACK)	CKM-1021-C	
CAPACITOR .002uF 6KV (RF SECT)	CDX-2021	
CAPACITOR .002uF 6KV (RF SECT)	CDX-2021	C3
CAPACITOR .01uF 100V MONO (CHOKE RLY) (QTY 2)	CKM-1030	
CAPACITOR .1uF 100V (RF SECT)	CKM-1041	
CAPACITOR 35pF 8KV (BANDSWITCH)	CDX-3500-A	
CAPACITOR 75pF 6KV (BANDSWITCH)	CDX-7502-B	
CAPACITOR 150pF 8KV (PAD CAP PCB)	CDX-1510-A	
CAPACITOR 60-200pF TUNE	CTX-2711	
CAPACITOR 35-400pF LOAD	CTX-8210	
CAPACITOR .01uF 100V (CNTRL BRD)	CKM-1030	C22-C28,C31,C35-C38,C43,C45 C49,C50,C53,C54,C57,C58,C61 C62,C64,C66,C67,C70
CAPACITOR .33uF 100V (CNTRL BRD)	CKM-3340	C33,C59
CAPACITOR 1uF 35V TANT (CNTRL BRD)	CLX-1050	C34,C39,C41,C55,C56,C63
CAPACITOR .1uF 100V (CNTRL BRD)	CKM-1040	C8,C32,C41,C51,C52,C60,C61,C65 C65,C68
CAPACITOR 22uF 15V TANT (CNTRL BRD)	CLX-2260	C40,C42,C46
CAPACITOR .001uF 100V (CNTRL BRD)	CKM-1021-C	C1-C4,C6,C7,C9-C21,C33,C41
CAPACITOR 470uF 16V (CNTRL BRD)	CEX-4776-C	C5
CAPACITOR 100uF 50V (CNTRL BRD)	CEX-1071	C29
CLAPPER ARM (RF SECT) (Clapper Relay PAX-X127)	MSX-X683	
CONNECTOR RF INPUT/OUTPUT	JCX-X125	
CONNECTOR RF COAX	JCX-X113	
COVER (WRAPPER)	MSX-X688	
COVER TUBE DECK	MSX-X694	
COVER PIN DIODE BOARD	MSX-X695	
DIAL PLATE TUNE/LOAD	IHQ-6619	
DIAL PLATE PLASTIC WINDOW	ZLX-X138	
DIODE 1N5711 (INPUT BRD)	DRX-X104	D1-D4
DIODE 1N5711 (OUTPUT WATTMETER BRD)	DRX-X104	D1-D4
DIODE 1N4148 (OUTPUT WATTMETER BRD)	DRX-X107	D5
DIODE ZENER 1N5250B 20V (OUTPUT WATTMETER)	DZX-X149	D6
DIODE LED GREEN .1 X .3 (DSPLY BRD)	DLX-X106	D1-D16,D21-D26,D30-D33,D60
DIODE LED YELLOW .1 X .3 (DSPLY BRD)	DLX-X105	D27,D34,D35,D61
DIODE LED RED .1 X .3 (DSPLY BRD)	DLX-X104	D17-D20,D28,D29,D36-D38,D62,D63
DIODE LED GREEN .2 X .2 (DSPLY BRD)	DLX-X107	D39-D58
DIODE 1N4004 (PWR SUPPLY)	DRX-X107	D4,D5,D7-D9
DIODE 1N4148 (PWR SUPPLY)	DRX-X107	D8,D10,D11
DIODE 1N5408 (PWR SUPPLY)	DRX-X131	D2,D3
DIODE MR754 (PWR SUPPLY)	DRX-X103	D6
DIODE RS401L BRIDGE (PWR SUPPLY)	DRX-X132	D15
DIODE 2HVFWB5K BRIDGE (PWR SUPPLY)	DRX-X120	D1
DIODE ZENER 1N5383B 150V (PWR SUPPLY)	DZX-X148	D14
DIODE ZENER 1N4742B 12V (PWR SUPPLY)	DZX-X132	D16
DIODE ZENER 1N5344 8.2V (PWR SUPPLY)	DZX-X105	D13
DIODE ZENER 1N5341B 6.2V (PWR SUPPLY)	DZX-X145	D12
DIODE ZENER 1N4757 51V (PWR SUPPLY)	DZX-X104	D17-D20,D28,D29,D36-D38,D62,D63
DIODE 1N5408 (PIN DIODE BRD)	DRX-X131	D22,D23
DIODE 1N4007 (PIN DIODE BRD)	DRX-X128	D19,D20
DIODE ZENER 1N5388 220V (PIN DIODE BRD)	DZX-X129	D15-D18
DIODE ZENER 1N5383 150V (PIN DIODE BRD)	DZX-X148	D14
DIODE PIN KS1001 (PIN DIODE BRD)	DPX-X103	D9-D13
DIODE PIN MA4P4006(D) (PIN DIODE BRD)	DPX-X112	D1,D1
DIODE 1N4148 (CNTRL BRD)	DRX-X107	D1-D3,D5-D11,D13-D46,D48
DIODE 1N5711 (CNTRL BRD)	DRX-X104	D47
DIODE ZENER 1N5359B 24V (CNTRL BRD)	DZX-X123	D12
FAN EXTERNAL 230V	BLX-X120	

FRONT PANEL	MSX-X693	
FUSE 1 1/2A LITTLEFUSE (PWR SUPPLY)	FSX-X136	F1
FUSE 3A LITTLEFUSE (PWR SUPPLY)	FSX-X122	F2
FUSE SOCKET (1 1/2A & 3A LITTLEFUSE)	FHX-X107	
FUSE 1 1/2A LITTLEFUSE (PIN DIODE BRD)	FSX-X136	F1
FUSE 20A 250V CERAMIC	FSX-X109	F1,F2
FUSE 2A 250V GLASS-SLOW BLOW	FSX-X111	
FUSE HOLDER (20A 250V & 2A 250V FUSE)	FHX-X102	
HEADER MTA 3 PIN (INPUT WATTMETER)	JAX-X303	J1
HEADER MTA 3 PIN (OUTPUT WATTMETER)	JAX-X303	J1
HEADER 13 X 2 MALE (DSPLY BRD)	JMX-X139	J2
HEADER MTA 3 PIN (PWR SUPPLY)	JAX-X203	
HEADER MTA 2 PIN (PWR SUPPLY)	JAX-X302	J7
HEADER MTA 4 PIN (PWR SUPPLY)	JAX-X304	J8
HEADER MTA 7 PIN (PWR SUPPLY)	JAX-X307	J9
HEADER MTA 10 PIN (PWR SUPPLY)	JAX-X310	J6
HEADER MTA 6 PIN (XFMR) (PWR SUPPLY)	JAX-X606	J2
HEADER MTA 8 PIN (XFMR) (PWR SUPPLY)	JAX-X713	J3
HEADER MTA 2 PIN (LARGE) (PWR SUPPLY)	JAX-X740	J1
HEADER MTA 10 PIN (PIN DIODE BRD)	JAX-X310	J6
HEADER MTA 2 PIN (CNTRL BRD)	JAX-X302	JP7
HEADER MTA 6 PIN (CNTRL BRD)	JAX-X306	JP3
HEADER MTA 10 PIN (CNTRL BRD)	JAX-X310	JP2
HEADER MTA 8 PIN (CNTRL BRD)	JAX-X708	JP1
HEADER MTA 18 PIN (CNTRL BRD)	JAX-X714	JP4
HEADER 13 X 2 MALE (CNTRL BRD)	JMX-X139	JP6
IC LM3914 LED DRIVER (DSPLY BRD)	UCX-X064	U1-U6
IC LM324 OP-AMP (PWR SUPPLY)	UCX-X114	U1
IC 14081 AND (CNTRL BRD)	UCX-X063	U10,U12,U14
IC 14093 NAND (CNTRL BRD)	UCX-X104	U5-U8,U15,U20
IC 14042 (CNTRL BRD)	UCX-X131	U2
IC 14051 (CNTRL BRD)	UCX-X028	U1
IC 14066 (CNTRL BRD)	UCX-X030	U11,U18
IC AD633JN ANALOG MULT (CNTRL BRD)	UCX-X119	U17
IC LM324 OP-AMP (CNTRL BRD)	UCX-X114	U4,U13,U16,U19,U21
IC ULN2803A BUFFER (CNTRL BRD)	UCX-X034	U9
IC LM350 12V REGULATOR (PWR SUPPLY)	UVX-X007	U2
INDUCTOR (TOROID) 12 TURNS (INPUT)		T1
INDUCTOR 1mH (INPUT BRD)	LCX-X104	L1
INDUCTOR (TOROID) 38 TURNS (OUTPUT)		T1
INDUCTOR 1mH (OUTPUT BRD)	LCX-X104	L1
INDUCTOR (TOROID) 25T (INPUT MATCH)		L9
INDUCTOR (TOROID) 15T (INPUT MATCH)		L8
INDUCTOR (TOROID) 11T (INPUT MATCH)		L7
INDUCTOR (TOROID) 9T (INPUT MATCH)		L6
INDUCTOR (TOROID) 6T (INPUT MATCH)		L5
INDUCTOR (TOROID) 5T (INPUT MATCH)		L4
INDUCTOR (TOROID) 4T (INPUT MATCH)		L3
INDUCTOR AIR CORE 4T (INPUT MATCH)		L2
INDUCTOR (STRAIGHT WIRE) (INPUT MATCH)	WKX-X101	L1
INDUCTOR 150uH IRON CORE (PIN DIODE BRD)	ACX-X210	L4,L5
INDUCTOR CORE	XCX-X113	L4,L5
INDUCTOR 125uH IRON CORE (PIN DIODE BRD)	ACX-X211	L1-L3
INDUCTOR CORE	XCX-X111	L1-L3
INDUCTOR 15uH (TUBE DECK)	LCX-X101	
INDUCTOR 15uH (RF SECT)	LCX-X101	L5
INDUCTOR (PARASITIC CHOKE) (RF SECT)	IHK-1365	
INDUCTOR (PLATE CHOKE) (RF SECT)	ACX-X260	
INDUCTOR (TANK COIL) 160m (RF SECT)	ACX-X149	
INDUCTOR (TANK COIL) 10m (RF SECT)	ACX-X209	
INDUCTOR (L COIL) (RF SECT)	ACX-X150	
KNOB TUNE/LOAD	SKX-X112	
KNOB INDICATOR (PLASTIC WINDOW)	ZLX-X138	
KNOB BANDSWITCH	SKX-X113	
KNOB GEAR REDUCTION ASSEMBLY	MDX-X127	
LAMP CM73 14V (QTY 2)	ILX-X110	
LAMP CM85 28V (QTY 2)	ILX-X107	

MANUAL	ZMX-X128	
RCA JACK (RELAY, KEY OUT, ALC)	JCX-X126	
RELAY GUARDIAN 1575-1C-24D (PWR SUPPLY)	KDX-X115	K1
RELAY W178RE1-24V (PWR SUPPLY)	KDX-X115	K1 (BRD)
RELAY TQ2E (PIN DIODE BRD)	KDX-X124	K1
RELAY SP2-DC24V (PIN DIODE BRD)	KDX-X123	K2
RELAY AC ON	KAX-X107	K1
RELAY STEP-START	KDX-X128	K2
RELAY (CLAPPER) (RF SECT)	PAX-X127	K1
RELAY TQ2E (CNTRL BRD)	KDX-X124	K1
RESISTOR 100K OHM 1/4W 1% (INPUT)	RFM-B1003-A	R5,R6
RESISTOR 178K OHM 1/4W 1% (INPUT)	RFM-B1783-A	R3,R4
RESISTOR 100 OHM 2W (INPUT BRD)	RFM-E1000-A	R1,R2,R7,R8
RESISTOR 68.1K OHM 1/4W 1% (OUTPUT)	RFM-B6812-A	R5,R6
RESISTOR 332K OHM 1/4W 1% (OUTPUT)	RFM-B33231-A	R3,R4
RESISTOR 100 OHM 2W 1% (OUTPUT)	RFM-E1000-A	R1,R2,R7,R8
RESISTOR 5K OHM (POT.) (DSPLY BRD)	RJX-5021	R3,R10
RESISTOR 1.21K OHM 1/4W 1% (DSPLY)	RFM-B1211-A	R1,R2,R4,R6,R8,R9
RESISTOR 22K OHM 1/4W (DSPLY BRD)	RFF-B223-C	R25
RESISTOR 220K OHM 1/4W (DSPLY BRD)	RFF-B224-C	R28-R31
RESISTOR 3.65K OHM 1/4W 1% (DSPLY)	RFM-B3651-A	R5
RESISTOR 470 OHM 1/4W (DSPLY BRD)	RFF-B471-C	R12,R26
RESISTOR 330 OHM 1/4W (DSPLY BRD)	RFF-B331-C	R7
RESISTOR 1K OHM 1/4W (DSPLY BRD)	RFF-B102-C	R11,R27
RESISTOR 220 OHM 1/2W (DSPLY BRD)		R20-R23
RESISTOR 680 OHM 1/2W (DSPLY BRD)	RFF-C681-C	R20-R23 (BRD)
RESISTOR 300 OHM 1/4W (DSPLY BRD)	RFF-B301-C	R16-R18
RESISTOR 2.2K OHM 1/2W (PWR SUPPLY)	RFC-C222-C	R53
RESISTOR 25.5K OHM 1/4W 1% (PWR SUPP)	RFM-B2552-A	R18
RESISTOR 10K OHM 1/4W 1% (PWR SUPP)	RFM-B1002-A	R17,R21
RESISTOR 100K OHM 1/4W 1% (PWR SUPP)	RFM-B1003-A	R4,R11,R24
RESISTOR 1K OHM 1/4W (PWR SUPPLY)	RFF-B102-C	R7-R10,R12,R25,R40,R55
RESISTOR 1.12K OHM 1/4W 1% (PWR SUPP)	RFM-B1211-A	R22
RESISTOR 7.5K OHM 1/4W 1% (PWR SUPP)	RFM-B752-A	R23
RESISTOR 294 OHM 1/4W 1% (PWR SUPP)	RFM-B2940-A	R2
RESISTOR 270 OHM 1/4W (PWR SUPPLY)	RFF-B271-C	R15
RESISTOR 1K OHM 1W (PWR SUPPLY)	RFC-D102-C	R52
RESISTOR 10 OHM 25W WW (PWR SUPPLY)	RFW-R100	R1,R51
RESISTOR 1MEG OHM 1W 1% (PWR SUPP)	RFC-C1004-A	R19,R20,R41-R43
RESISTOR 10 OHM 1/2W 1% (PWR SUPPLY)		R50
RESISTOR 10 OHM 1/4W 1% (PWR SUPPLY)	RFM-B1001-A	R50 (BRD)
RESISTOR 10K OHM 1/4W (PWR SUPPLY)	RFF-B103-C	R14,R16
RESISTOR 820 OHM 1/4W (PWR SUPPLY)	RFF-B821-C	R13
RESISTOR 332K OHM 1/4W 1% (PWR SUPP)	RFM-33231-A	R5,R6
RESISTOR 2.55K OHM 1/4W 1% (PWR SUPP)	RFM-B2551-A	R3
RESISTOR 10 OHM 3W WW (PWR SUPPLY)	RFW-G100-C	R44-R49
RESISTOR 220K OHM 2W (PWR SUPPLY)	RFC-E224-C	R26-R39
RESISTOR 10K OHM (POT.) (PWR SUPPLY)	RVX-1031	R54
RESISTOR 560 OHM 1/4W (PIN DIODE BRD)	RFF-B561-C	R51
RESISTOR 2.2K OHM 1W (PIN DIODE BRD)	RFC-D222-D	R50
RESISTOR 1K OHM 1/4W (PIN DIODE BRD)	RFF-B102-C	R37,R49
RESISTOR 100 OHM 1/4W (PIN DIODE BRD)	RFF-B101-C	R39
RESISTOR 1K OHM 3W (PIN DIODE BRD)		R38
RESISTOR 1K OHM 3W WW	RFW-G102-C	R38(NOT ORIGINAL)
RESISTOR 220K OHM 2W (PIN DIODE BRD)	RFC-E224-C	R27-R30
RESISTOR 1MEG OHM 1/2W 1% (PIN DIODE)	RFC-C1004-A	R31,R32
RESISTOR 4.7K OHM 1/4W (PIN DIODE BRD)	RFF-B472-C	R35
RESISTOR 10K OHM 1/4W (PIN DIODE BRD)	RFF-B103-C	R34,R36,R48
RESISTOR 270K OHM 1W (PIN DIODE BRD)	RFC-D270-C	R33
RESISTOR 100K OHM 1/4W (PIN DIODE BRD)	RFF-B104-C	R41
RESISTOR 1MEG OHM 1/4W (PIN DIODE BRD)	RFF-B105-C	R40
RESISTOR 10 OHM 3W WW (PIN DIODE BRD)	RFW-G100-C	R25,R26
RESISTOR 10MEG OHM 1/4W (PIN DIODE BD)	RFF-B106-C	R20-R23
Replace above values with 3.9meg below.		
RESISTOR 3.9MEG OHM 1/4W (PIN DIODE BD)	RFF-B395-C	R20-R23
RESISTOR 2 OHM 3W WW (PIN DIODE BRD)	RFW-G20A	R9,R16

RESISTOR 1 OHM 5W (PIN DIODE BRD)	RFW-H10A-C	R17-R19
RESISTOR 47 OHM 2W (PIN DIODE BRD)	RFC-E470-C	R24
RESISTOR 20 OHM 50W WW (STEP-START)	RFW-S200-A	R10
RESISTOR 47 OHM 2W (PARASITIC)(RF SECT)	RFC-E470-C	
RESISTOR 10K OHM (POT.) (ALC)	RVK-103-D	
RESISTOR 1MEG OHM 1/2W (RF SECT)	RFC-C1004-A	R3-R5
RESISTOR 1MEG OHM 2W (RF SECT)		
RESISTOR .3 OHM 5W WW (TUBE DECK)	RFW-H30B-A	
RESISTOR 220K OHM 1/4W (CNTRL BRD)	RFF-B224-C	R85,R90-R92,R95,R114,R115,R118
RESISTOR 1K OHM 1/4W (CNTRL BRD)	RFF-B102-C	R6,R26,R27,R38,R40,R41,R46-R48 R46-R48,R50,R54,R57,R58,R66 R67,R69-R71,R74,R87,R89,R99 R100,R103,R104,R107,R116 R117,R120-R124,R126,R127
RESISTOR 100K OHM 1/4W (CNTRL BRD)	RFF-B104-C	R17,R21,R28,R32-R39,R42,R49 R51-R53,R55,R75,R77-R79,R105 R108,R109,R113
RESISTOR 10K OHM 1/4W (CNTRL BRD)	RFF-B103-C	R4,R5,R18,R20,R29,R31,R43,R76 R80-R82,R86,R93
RESISTOR 1MEG OHM 1/4W (CNTRL BRD)	RFF-B105-C	R25,R30,R73,R84
RESISTOR 10MEG OHM 1/4W (CNTRL BRD)	RFF-B106-C	R60,R68
RESISTOR 3.9MEG OHM 1/4W (CNTRL BRD)	RFF-B395-C	R45,R102
RESISTOR 470K OHM 1/4W (CNTRL BRD)	RFF-B474-C	R44-R49
RESISTOR 3.3K OHM 1/4W (CNTRL BRD)	RFF-B332-C	R106
RESISTOR 150K OHM 1/4W (CNTRL BRD)	RFF-B154-C	R15,R16
RESISTOR 82K OHM 1/4W (CNTRL BRD)	RFC-B823-C	R12
RESISTOR 4.7K OHM 1/4W (CNTRL BRD)	RFF-B472-C	R94,R96,R112
RESISTOR 2.2K OHM 1/4W (CNTRL BRD)	RFF-B222-C	R83
RESISTOR 22K OHM 1/4W (CNTRL BRD)	RFF-B223-C	R97
RESISTOR 100 OHM 1/4W (CNTRL BRD)	RFF-B101-C	R98
RESISTOR 47K OHM 1/4W (CNTRL BRD)	RFF-B473-C	R24
RESISTOR 91 OHM 2W (CNTRL BRD)	RFC-E910-C	R22
RESISTOR 390 OHM 2W (CNTRL BRD)	RFM-E391-C	R1,R2
RESISTOR 500KV (POT.) (CNTRL BRD)	RVX-X124	R23,R61-R65,R72,R101,R110,R111
SCHEMATIC SET	ZMX-X138	
SCREW COVER (QTY 15)	HSA-X001	
SCREW FRNT PNL (QTY 6)	HSA-X004	
SHIPPING BOX	ZCX-X127	
SHIPPING FOAM	ZFX-X133	
SHIPPING PLASTIC BAG	ZXX-X104	
SPARK ARRESTOR (OUTPUT)	CGX-1020-D	
SPARK ARRESTOR (PIN DIODE BD)	CGX-1110-C	GAP 1
SWITCH PUSHBUTTON LED GREEN (DSPLY)	SPX-X108	
SWITCH PUSHBUTTON LED YELLOW (DSPLY)	SPX-X109	
SWITCH PUSHBUTTON COVER (DSPLY)	SPX-X110	
SWITCH (SHORTING WAFER) (INPUT MATCH)	SWX-X105	SW1
SWITCH ON/OFF (MOMENTARY)	SQR-X110	
SWITCH OPR/STBY	SQR-X109	
SWITCH SSB/CW	SQR-X109	
SWITCH HV LID CROWBAR	MSX-X658	S6
SWITCH MICROSWITCH 15A 125V	SIX-X101	
SWITCH BANDSWITCH	AHX-X601	S1
TRANSFORMER POWER 3KV (no connectors)	TPX-X133	T1
TRANSFORMER POWER 3KV (with connectors)	ATX-X073	T1
TRANSISTOR 2N3904 (DSPLY BRD)	QTX-X104	Q2,Q3
TRANSISTOR IRF633 / IRF 630 (PWR SUPP)	QTX-X159	Q2,Q4
QTX-X159 Part above changed to QTX-X174		
TRANSISTOR 2N3906 (PWR SUPPLY)	QTX-X109	Q1
TRANSISTOR 2N3904 (PWR SUPPLY)	QTX-X104	Q3
TRANSISTOR 2SK900 (PIN DIODE BRD)	QTX-X163	Q1,Q2
TRANSISTOR 2N3904 (PIN DIODE BRD)	QTX-X104	Q8
TRANSISTOR 2N3906 (PIN DIODE BRD)	QTX-X109	Q6,Q7
TRANSISTOR MJE12007 (PIN DIODE BRD)		Q3,Q4
TRANSISTOR MJE1320 (PIN DIODE BRD)	QTX-X157	Q3,Q4(BRD)
TRANSISTOR VN10KM (PIN DIODE BRD)	QTX-X112	Q5
TRANSISTOR VN10KM (CNTRL BRD)	QTX-X112	Q1,Q3-Q10

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TRANSISTOR 2N3904 (CNTRL BRD)	QTX-X104	Q2
TUBE 3CX800A7	VTX-X103	V1,V2
TUBE STANDOFF (CERAMIC FINAL ASSEMBLY)	APP-X005	
TUBE STANDOFF (CERAMIC CORE ONLY)	HXC-5164	
TUBE STANDOFF (NYLON)	IHP-1034	
VOLT REGULATOR LM350 (PWR SUPPLY)	UVX-X007	U2