



A8410

## Qty. Required Description

VTX-X118	2 4CX1000 Alpha tube - VTX-X118
MSX-8403	1 Sheet Metal, Wrapper, Top Cover 8410
ZFX-X155	1 Custom shipping foam set for ZCX-X155 boxes
TPX-X170	1 Alpha 8410, 9500, 8100, 99, 91b 240V 3.5kVA CSS Transformer TPX-X170
ZLX-X250	1 Made in the USA label
ZMX-X8410	1 Alpha 8410 Manual
SKX-X114	1 KNOB MULTIMETER /99
SKX-X112	2 Alpha 89 Tune or Load Control Knob
SKX-X113	1 89 BANDSWITCH KNOB
CKD-1021	2 Capacitor: .001uF 3kV
CKM-1021	2 CAP - .001uF 100V
FHX-X102	3 FUSEHOLDER 3AG FLUTED RT ANGLE LITTLEFUSE 03420004H
FSX-X111	2 FUSE 250V 2A Fast Acting
FSX-X109	2 FUSE 20A/250V Ceramic
HXA-X181	2 Feet/ Rear Round-Black
HXA-X182	3 9500 RIGHT FEET
IHQ-1040	1 MTG PAD- CAP 5.25 X 6.5" W/3/
IHQ-1076	1 Skidpad, Transformer
JCX-X126	2 PHONO JACK
MSX-X022	1 Bail 14 W/ 1L 1R FOOT BUCKEY #1S000810H001"
SIX-X101	1 SWITCH ROLLER SPDT 15A QC TERM
MSX-8404	1 Sheet Metal, Main Chassis 8410
RFL-E101-C	4 RES CERAMIC COMP 100 OHM 2W
XXX-X211	1 Strap, .188 X 24" SLVR PLTD 8OZ
XSX-X122	1 Solder, Silver-bearing, .062". 1 lb
XTX-X105	10
HNS-5013	2 6-32 SS HEX NUT- SM PATT
HSS-4055	2 hardware.PPHMS6-32X11/8
HSS-5004	2 Set Screw, 8-32 X 1/4
HSS-5007	2 Set Screw, 8-32 X 1/4, SS
HSS-6040	1 hardware
HWX-3003	1 #4 INT LWSS
HWX-4001	4 #6 Int LWSS
HWX-4021	2 #6 Flat Washer, Large Pattern
HXF-4158	2 Hex Spacer, .50"
HXX-4199	2 hardware
IHS-1027	1 INSULATED SW SHAFT 1.5"/99
IHT-6618	1 PLUG FOR L-COIL
JAX-X203	1 Connector, MTA, Recept, 3 pin, red
MDX-X152	1 coupler
MSX-8110	1 8100 Front Sub Chassis
MSX-8113	1 8100 Bandswitch Bracket
UVX-X019	1 IC VOLTAGE REGULATOR 24V 1.5A
WWX-X081	1 Wire, #22 WHITE 7-30 UL1061 PVC
WXX-X121	3 TUBING .016 WALL #12 SLVG TEFLON 12SWTEF

XRX-X109	1 neoprene
APX-X201	1 Switching Power Supply
HSS-3024	6 Screw 4-40 X 5/16 Phil Pan SS
MDX-X153	2 GEAR/32 PTCH/56T/.25BR/DB
HWX-8005	1 3/8 INT LWSS 11/32" OD
JAX-X203	1 Connector, MTA, Recept, 3 pin, red
MSX-8418	1 Support Plate band pot
WWX-X081	1 Wire, #22 WHITE 7-30 UL1061 PVC
RVK-103-D	1 POT 10K OHM CERM 2W
CDX-1510-A	8 CAP 150PF/8KV/5% DISC
BCX-X168	1 PCB, PAD CAP /86/86A/87A /B
ACX-X439-L	1 ACX-X439 Labor\n8410 Controller
ACX-X439-MAT	1 ACX-X439 Material 8410 Controller
WXX-X104	7 Wire, Buss, Tinned Copper, #14
WXX-X121	7 TUBING .016 WALL #12 SLVG TEFLON 12SWTEF
XAX-X103	1 ADHESIVE 5-MINUTE EPOXY CLEAR
XCX-X103	2 2.00 OD X 1.25 ID .50 THK, TORROID CORE, T-200-2 MIMCE
XXK-X102	1 TAPE FIBER GLASS 1/2 IN X 66 3M #27
SWX-X111	4 Band Switch E4C-1003
XXX-X202	3 STRAP Silver Plate .250x24"
WBX-X104	3 WIRE 1/8 Flat tinned Braid TCFLTBD18"
HXX-4125	10 0.5" X #5 CERAMIC SPACER
HXX-4126	2 1 x #5 Ceramic Spacer
HSS-4022	2 6-32 X 5/16 PFSS
HXF-4158	2 Hex Spacer, .50"
HWX-4010	4 Washer, Fiber, #6
HWX-4015	30 #6 NYLON FLAT WASHER .OD 5/16
HNS-5013	2 6-32 SS HEX NUT- SM PATT
HNS-4005	2 #6 Nut, Large
HLX-X120	1 Solder Lug, #10
HWX-4001	4 #6 Int LWSS
MDX-X152	1 coupler
SRX-X105	1 JV7 X9 INDEX ASSY
XXX-X211	0.5 Strap, .188 X 24" SLVR PLTD 8OZ
XXX-X212	0.5 .25" X .010" X 24" Silver Plated Strap
IHS-1027	1 INSULATED SW SHAFT 1.5"/99
MSX-9911	1 MSX-9911 REV A
MSX-9910	1 MSX-9910 REV A
MSX-8411	1 Front Sub Chassis Alpha 8400 - P/N not used 9/16/2010
JBX-X113	1 Terminal Block, 4 Term
HSS-4031	6 6-32 X1/2 S/S PPHMS
HWX-4001	13 #6 Int LWSS
RFW-P003-A	1 ALUMINUM POWER RESISTORS .03 OHM 1%
HSS-3024	2 Screw 4-40 X 5/16 Phil Pan SS
HWX-3003	2 #4 INT LWSS
HXF-X148	3 Standoff Hex 6-32 Thd Alum .750"
HSS-4019	7 Screw, Mach, 6-32 X 5/16, PPSS
HSN-9000	1 Screw, Nylon, 8-32 X 1/8"

MSX-X658	1 MSX-X658_B Crow bar contact spring safety interlock
IHQ-1054	1 HV Crowbar Insulator STNOFF
HGX-X102	1 HARDWARE RUBBER GROMMET .312
WWX-023	15 Wire, HV Red
HLX-X136	2 14-16GA .25 FAST-ON BLUE
HSS-4051	1 6-32 X 7/8 PPSS
HNS-5013	1 6-32 SS HEX NUT- SM PATT
HSS-6022	1 10-32 X 1/2 SSPPHMS
HWX-6009	1 .062 THK-.194 ID-#10FIBER
CDX-2022	7 CAPACITOR .002uF 3KV DISC
HLX-X220	1 LUG PDB MOUNT .250 H/99
LCX-X101	1 Choke 15uH L005
BCX-X412	1 PCB, HV DC FILTER
HWX-6005	1 #10 INT LW SS
JBX-X114	1 TERMINAL BLOCKS MARKING STRIP 4 TRM
WWX-X023	1 Wire, #18 RED 20KV RUBBER
ACX-X353	1 HIGH POWER TRANSMITTER CHOKE 1.8-30 MHz
HLX-X202	1 CONN- FASTON .187 16-14GA
HNS-6007	1 10-32 LG HEX NUT
HSS-6007	1 hardware
HWX-6005	1 #10 INT LW SS
HXA-X840	1 Fiber Glass Support - 8410
CTX-2113	1 CAPACITOR 12-210/6-63pF TUNE Alpha 99, 8410
CTX-8212	1 CAP Air Load Cap for Alpha 99, 8410
JAX-X302	1 MTA .100 CONN 1x2P STRAIGHT POST
WXX-X132	5 1/8" HEATSHRINK TUBING
XKX-X119	1 VINYL FOAM TAPE 1/8"X1"X
BLX-X840	1 Cross Flow Fan
CDX-7502-B	5 CAP 75PF 6KV 10%
IHK-1356	1 Bracket, Disc Cap
WPX-X104	9 Cable 12 guage 3 conductor 300V
JCX-X200	1 1/2 STRAIN RELIEF CORD CONNECTOR-STRAIGHT .310 TO.560 DIA
HLX-X900	2 FASTON TERMINAL 12-10 AWG
HLX-X901	1 TERMINAL NYLON RING 12-10 AWG #8
JAX-X710	2 MTA .100 CONNECTORS CLOSED W/O TABS 10P RED
JAX-X721	2 Conn, MTA, Recept, 2 Pin
JAX-X704	2 MTA 4 Pin header
JAX-X720	1 MTA RECPT 4PIN .100 22AWG
HLX-X183	4 CONN FASTON FLAG 16-14GA
HLX-X136	2 14-16GA .25 FAST-ON BLUE
HLX-X137	2 18-22GA .25 QC FASTON RED
HLX-X138	2 FASTON TERMINALS PIDG RECPT 22-18 AWG RED
JAX-X727	2 CONN MTA .156 3POS PLUG
HLX-X125	2 14-16GA PGBCK FML QUICK
WWX-X081	61.4 Wire, #22 WHITE 7-30 UL1061 PVC
WWX-X038	8.8 Wire, #14 WHITE 600V TEFLON HUE 1419 WE
WWX-X051	5.5 Wire, 18 white UL STYLE 1430
DZX-X155	1 DIODE ZENER 5W 5.6V DO41

DRA-X009	6 DIODE SCHOTTKY 70V 333MW SOD123
JAX-X310	1 MTA .100 CONN 1x10P STRAIGHT POST
CHX-1023-B	8 CAP 0805 SMD CERAMIC CHIP CAP 1000PF 50V X7R 10%
CHX-1025-B	3 CAP CER 1000PF 500V X7R 0805
CHX-1026-B	1 CAP HIGH VOLTAGE SMD CERAMIC 1000VOLTS 1000pF 10%
CHX-1034-B	8 CAP 0805 SMD CERAMIC SHIP CAP 0.01UF 50 VOLTS X7R 10%
CHX-1035-C	1 CAP, 10000PF, 1000V, CERAMIC MULTILAYER
CHX-1001-B	1 CAP, 10pF, 1000V 0805 Ceramic Cap
KVX-X106	1 Gigvac P/N G41C334 Vacuum DPDT Relay 26.5 V
LCX-X101	2 Choke 15uH L005
LCX-X101	1 Choke 15uH L005
JCX-X195	1 JACK PHONO SNAP-FIT 90 DEG
RFFA-A1020-A	1 RES 1.00 K1/8W 1% 0805 SMD
RFFA-A1010-A	1 RES 100 OHMS,1/8 WATT, 1%, 0805
RFFA-D1010-A	4 RES 100 OHM 1W 1% 2512 SMD
RFFA-A3323-A	2 RES 332K OHM 1/8W 1% 0805 SMD
RFFA-A6812-A	2 RES 68.1K OHM 1/8W 1% 0805 SMD
CGX-1020-D	1 Cap/Surge Arrstr 1000V 1PF 20AMP
HLX-X137	5 18-22GA .25 QC FASTON RED
HLX-X149	1 #10 RING TONGUE TERM RED
HNS-5013	1 6-32 SS HEX NUT- SM PATT
HSS-3024	2 Screw 4-40 X 5/16 Phil Pan SS
HSS-4019	4 Screw, Mach, 6-32 X 5/16, PPSS
HWA-X001	2 .125 ID X .250 OD SP WASH
HWX-4001	6 #6 Int LWSS
HWX-4021	1 #6 Flat Washer, Large Pattern
HXF-4135	4 Standoff, M/F, .25 X 2"
HXF-4136	4 Spacer, Nylon, 6-32 Thd, 2"
JFX-X182	2 .100 WIRE MOUNT CONN 20P
WRX-X110	1 FLAT CABLE 20 COND 28GA
DRX-X136	1 DIODE HV Bridge
CEX-3302-D	1 CAP 33UF 450V ELECT PW RADIAL
CEX-3361-C	2 CAP 33UF 250V 20% RADIAL, NICHICON#UVZ2E330MHH
CHX-1012-A	2 CAP 100PF 50V 5% 0805 SMD CERAMIC CHIP
CHX-1015-C	1 CAP 100pF 500V 10% 1808 HIGH VOLTAGE ARC GUARD CERCHIP
CHX-1023-B	6 CAP 0805 SMD CERAMIC CHIP CAP 1000PF 50V X7R 10%
CHX-1034-B	37 CAP 0805 SMD CERAMIC SHIP CAP 0.01UF 50 VOLTS X7R 10%
CHX-1035-C	4 CAP, 10000PF, 1000V, CERAMIC MULTILAYER
CHX-1050-B	7 CAP 1.0UF 10V CERAMIC X7R 0805
CKD-1032-J	1 CAP 0.01uF 500V -20% +80%
DZX-X114	4 Diode- Zener 1N5363BG 30V
HLX-X220	12 LUG PDB MOUNT .250 H/99
JAX-X304	1 MTA .100 CONN 1x4P STRAIGHT POST
JAX-X317	1 Headers 20P STRT 2 ROW GOLD
JAX-X708	1 MTA 8 Pin Header
JAX-X713	1 CONN MTA .156 FRCTN LK HDR STR 8P SQUARE POST TIN
JAX-X725	1 Headers FRICTION LCK HDR 3P Straight Post tin
JTX-X100	1 TEST POINT BLK .063

JTX-X101	17 TEST POINT, RED
KDX-X142	8 RELAY PC MNT SPST-NO 30A 5VDC
RFO-E102-C	1 RESISTOR 1k 2W Metal Oxide XICON#262-1.0K-RC 5% THRU
RFW-R250	1 RESISTOR R250 SOLDER LUG POWER 25WATTS 25 HMS 5% RFW-R250
BCX-X815	1 PCB, Alpha 8410 Mains Board
DRA-X012	7 DIODE SCHOTTKY 300MA CA SOT-23
DRX-X156	2 RECTIFIERS- BRIDGE 4A 600V
JAX-X312	1 MTA .100 CONN 1x12P STRAIGHT POST
CDX-1021-A	2 CAP,CER DISC,1000PF,1KV
CEX-1062	1 CAP- 10UF/50V ELECT. VERT
CEX-3311-C	9 CAP 330UF 450V ELECT KMQ SNAP
CEX-3302-D	1 CAP 33UF 450V ELECT PW RADIAL
CHX-1025-B	2 CAP CER 1000PF 500V X7R 0805
CHX-1034-B	11 CAP 0805 SMD CERAMIC SHIP CAP 0.01UF 50 VOLTS X7R 10%
CHX-1035-C	2 CAP, 10000PF, 1000V, CERAMIC MULTILAYER
DRX-X128	2 DIODE 1000v 1A
DZA-X014	1 TVS DIODES 400Vso 447VBR 2.3A
DZX-X103	1 DIODE ZENER DIODE 1N4746A 18V
DZX-X114	2 Diode- Zener 1N5363BG 30V
DZX-X125	1 DIODE ZENER 1N751A 5.1V
DZX-X156	1 DIODE ZENER 5W 3.3V DO41
DZX-X157	1 DIODE-ZENER 9.1V 5W
HLX-X220	2 LUG PDB MOUNT .250 H/99
JAX-X317	1 Headers 20P STRT 2 ROW GOLD
JAX-X606	1 6 PIN MTA JACK-18GA .156
KDX-X140	1 RELAY LATCHING 2A 5VDC PC MNT
QTX-X109	1 TRANSISTOR FAIRCHILD 2N3906TA
QTX-X177	2 TRANSISTOR 600V TO-220AB 10V
RFC-C1004-A	4 RES,MF,1M,1 WATT, THRU HOLE 350V
RFF-B472-C	1 RES-4.7K 1/4W 5% CARB FLM
RFM-B1001-A	3 RES 1 OHM METAL FILM 1/4 WATT 1%
RFM-B1002-A	3 RES 10K OHM METAL FILM 1/4 WATT 1%
RFF-B471-C	1 RES-470 1/4W 5% CARB FILM
RFO-D222-C	1 resistor
RFO-E154-D	12 RES,MF,150K,2 WATT, 10% THRU
RFO-H220-C	2 Res, MO, 5W, 22 ohms
RFW-E101-C	1 WIREWOUND RESISTOR 100 OHM 5% 2W
RFW-H601	1 600 ohm 5 W wire wound
RFW-R100	2 SOLDER LUG POWER RESISTORS 25WATTS 10 OHMS 5% WW
RVK-1033-D	1 POT 10K OHM SQ CERMET SIDE
JTX-X100	2 TEST POINT BLK .063
JTX-X101	5 TEST POINT, RED
UAX-X044	1 IC OP AMP CMOS SINGL MICRO 8SOIC
CDX-2221-C	3 CAP 2200PF 6K VOLTS 20% .375 L.S. RADIAL
XXX-X202	1 STRAP Silver Plate .250x24"
WCX-X103	1 Coax cable, RG-142
BCX-X437	1 PCB, Cathode Board Bare A8410
HXW-X178	4 Spacer, swage, .25"

JAX-X302	2 MTA .100 CONN 1x2P STRAIGHT POST
JAX-X303	2 MTA .100 CONN 1x3P STRAIGHT POST
JAX-X708	1 MTA 8 Pin Header
CHX-1023-B	3 CAP 0805 SMD CERAMIC CHIP CAP 1000PF 50V X7R 10%
CHX-1026-B	1 CAP HIGH VOLTAGE SMD CERAMIC 1000VOLTS 1000pF 10%
CHX-1012-A	2 CAP 100PF 50V 5% 0805 SMD CERAMIC CHIP
CHX-1015-C	<sup>1</sup> CAP 100pF 500V 10% 1808 HIGH VOLTAGE ARC GUARD CERCHIP
CHX-1034-B	1 CAP 0805 SMD CERAMIC SHIP CAP 0.01UF 50 VOLTS X7R 10%
CHX-1035-C	7 CAP, 10000PF, 1000V, CERAMIC MULTILAYER
CHX-2200-A	1 CAP 22pF 50V 0805 SMD 10% CERAMIC CHIP
CMA-3900-A	1 CAP MICA SMD, 39PF 500V 5%
CMA-5600-A	1 CAP 1210 56pF 500 VOLTS MURATA 1210 SMD MONOLITHIC
UAX-X031	<sup>1</sup> IC THERM MICROLAN HI-PREC 8-SOIC DALLAS SEMICONDUCTOR#DS18S20Z+
HLX-X221	1 LUG- TERM 10/32" PCB MNT
JCX-X195	1 JACK PHONO SNAP-FIT 90 DEG
RFFA-A1010-A	1 RES 100 OHMS,1/8 WATT, 1%, 0805
RFFA-E1510-A	1 RES 150 OHM 2W 1% 2512 SMT
RFO-H220-C	1 Res, MO, 5W, 22 ohms
DZA-X013	1 VOLTAGE PROTECTION DEVICE 100V 1500W
DZA-X014	1 TVS DIODES 400Vso 447VBR 2.3A
JTX-X101	7 TEST POINT, RED
KDX-X124	1 Relay Input 12 V Aromat
TPX-X171	1 TRANSFORMER, COMMON MODE, BIFILER
JAX-X203	2 Connector, MTA, Recept, 3 pin, red
WWX-X081	0.6 Wire, #22 WHITE 7-30 UL1061 PVC
WXX-X121	2 TUBING .016 WALL #12 SLVG TEFLON 12SWTEF
HNS-3004	2 Hardware, 1x4-40 NUT
HSS-3034	2 S/S PPHMS 4-40 X 5/8- #72488
HSS-6007	2 hardware
HWX-3001	4 #4 Flat Washer SS
HWX-3003	1 #4 INT LWSS
HWX-6005	2 #10 INT LW SS
IHP-1003	1 STNDOFF .8L .75D DELRIN
IHP-1006	1 STNDOFF 1.2L .75D DELRIN
MSX-8109	1 8100 tube deck
MSX-9912	1 Heat Sink REV B
WKX-X102	6 18 GA BUS WIRE
JAX-X721	2 Conn, MTA, Recept, 2 Pin
WXX-X132	2 1/8" HEATSHRINK TUBING
WWX-X081	2 Wire, #22 WHITE 7-30 UL1061 PVC
WXX-X103	2 Bus Wire
WXX-X121	2 TUBING .016 WALL #12 SLVG TEFLON 12SWTEF
MHS-X100	1 Heatsink, Graphite Pad, 12" X 12", BG25252
MSX-8410-B	2 4CX1000 socket base weldment
MSX-8410-P	2 4CX1000 socket center post
HWA-X840	16 WASHER FIBRE SHOULDER #4 SCREW
HNS-3004	2 Hardware, 1x4-40 NUT
HSS-3034	2 S/S PPHMS 4-40 X 5/8- #72488

HSS-3024	6 Screw 4-40 X 5/16 Phil Pan SS
BCX-X435	6 PCB, for 4CX1000 socket
MSX-8410-PBC	24 PHOSPHOR BRONZE CONTACT
CHX-1025-C	12 CAP 1808 HV ARC GUARD CERAMIC CHIP CAP 100PF 500V 10%
CHX-1024-A	12 CAP 1000 pF +/- 5% 1000V ATC#100C102JT
HXW-X931	24 SWAGE SPACER .187 H .109 Sh L 1/16 Bd
HSS-3022	24 4-40 X 1/4 SOCKET HEAD
HWX-3001	24 #4 Flat Washer SS
JAX-X203	2 Connector, MTA, Recept, 3 pin, red
WWX-X081	0.6 Wire, #22 WHITE 7-30 UL1061 PVC
WXX-X121	2 TUBING .016 WALL #12 SLVG TEFLON 12SWTEF
WXX-X121	1 TUBING .016 WALL #12 SLVG TEFLON 12SWTEF
WXX-X103	1 WIRE, #16 T/C BUSS
XAX-X102	2 ADHESIVE RTV SILICONE CLEAR
XRX-X102	40 RUBBER SHEET - SOLID SILICONE
JMX-X248	1 Plug, Male, RCA
WXX-X132	1 1/8" HEATSHRINK TUBING
WCX-X105	1 wire, Cable, coaxial, RG-316/U
MSX-8417	1 Alpha 8400 Bottom Cover
HLX-X109	1 Solder LUG, #6
HNS-5013	1 6-32 SS HEX NUT- SM PATT
HSS-4025	1 6-32 X 3/8 PPSS
HWX-4001	1 #6 Int LWSS
WXX-X107	1 WIRE #12 SILVER PLTD BUSS
XAX-X103	1 ADHESIVE 5-MINUTE EPOXY CLEAR
HXA-X155-A	1 COIL FORM NCC DIE #12252
MSX-8401	1 Sheet Metal, Front Panel, 8410
JAX-X205	1 Connector, MTA, Recept, 5 pin, red
WWX-X081	2 Wire, #22 WHITE 7-30 UL1061 PVC
WXX-X132	2 1/8" HEATSHRINK TUBING
JAX-X720	1 MTA RECPT 4PIN .100 22AWG
HLX-X137	4 18-22GA .25 QC FASTON RED
JFX-X808	2 QUICKIE IDC CONNECTORS .100 RCPT 2X4P
SRX-X113	1 6P ADJ STOP ROT NON-SHRT
HNA-9900	1 Hexnut, .375-32 Thd, .50W, .094Th, Brass, Black Nickel
HSS-3024	5 Screw 4-40 X 5/16 Phil Pan SS
HWX-3003	5 #4 INT LWSS
XCX-X113	1 SOFT FERRITES Z=200 OHM @100MHz
WRX-X109	1 IDC FLAT CABLE 10 COLOR 10COND
WXX-X147	1 Heatshrink, 3/4"
SQX-X109	2 Rocker Switch



















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