

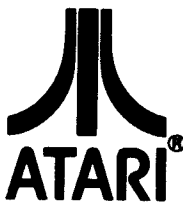
Supplement to

The Adventures of
MAJOR HAVOC™

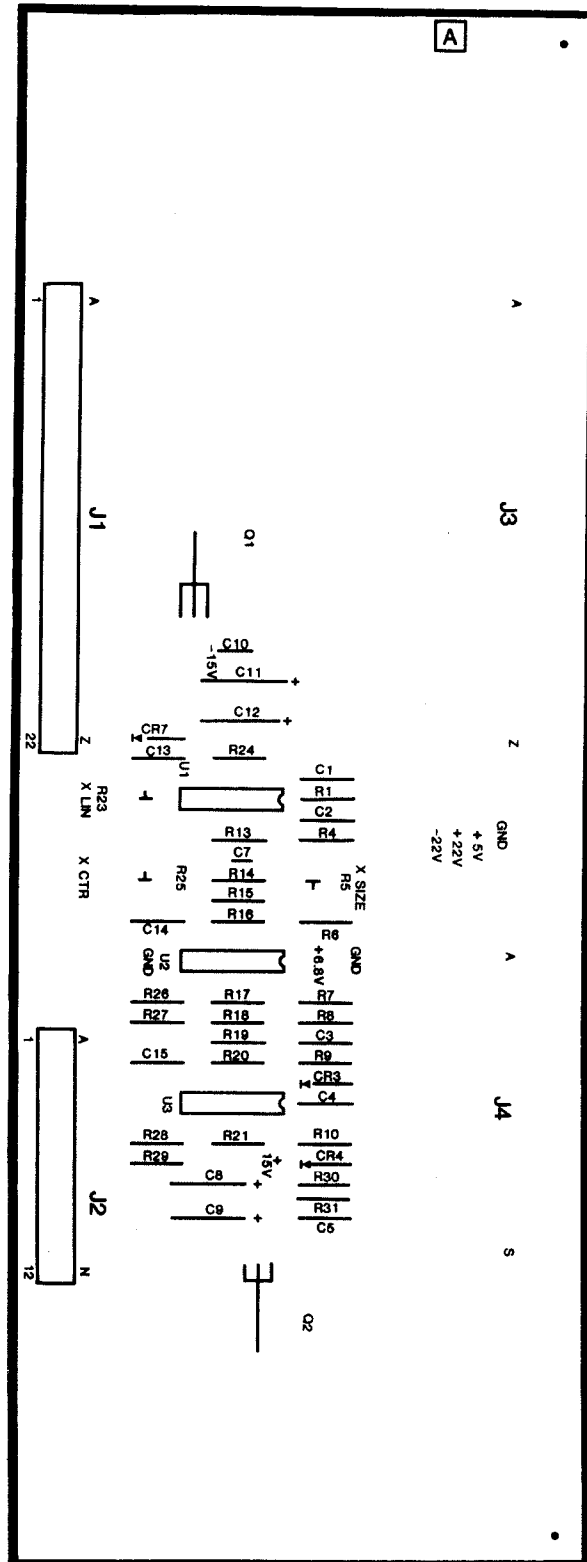
TM-267, 1st printing

Installation Instructions

This Supplement provides the assembly drawing, parts list, and schematic diagram for the Major Havoc Conversion printed-circuit board.



A Warner Communications Company



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**Figure 1 Conversion PCB Assembly
A042392-21 A**

Conversion PCB Assembly Parts List

Designator	Description	Part No.
Capacitors		
C1	0.01 μ F, 50 V, Ceramic-Disc Capacitor	122005-103
C2-C5	0.1 μ F, 25 V, Ceramic-Disc Capacitor	122006-104
C7	39 pF, 100 V, Mica Capacitor	128002-390
C8	1 μ F, 50 V, Aluminum Electrolytic Capacitor	24-500105
C9	2.2 μ F, 35 V, Tantalum Capacitor	122000-225
C10	0.1 μ F, 25 V, Ceramic-Disc Capacitor	122006-104
C11	2.2 μ F, 35 V, Tantalum Capacitor	122000-225
C12	1 μ F, 50 V, Aluminum Electrolytic Capacitor	24-500105
C13-C15	0.1 μ F, 25 V, Ceramic-Disc Capacitor	122006-104
Diodes		
CR3	Type-1N754A Diode	131002-001
CR4	Type-1N100 Diode	31-1N100
CR7	Type-1N100 Diode	31-1N100
Integrated Circuits		
Q1	Type-7915 Regulator Integrated Circuit	37-7915
Q2	Type-7815 Regulator Integrated Circuit	37-7815
U1	Type-TL084 Operational Amplifier Integrated Circuit	37-347
U2, U3	Type-MC1495LS Integrated Circuit	37-1495
Resistors		
R1	100 Ω , $\pm 5\%$, $\frac{1}{4}$ W Resistor	110000-101
R4	2.2 k Ω , $\pm 5\%$, $\frac{1}{4}$ W Resistor	110000-222
R5	10 k Ω Potentiometer	119002-103
R6	2.2 k Ω , $\pm 5\%$, $\frac{1}{4}$ W Resistor	110000-222
R7	5.6 k Ω , $\pm 5\%$, $\frac{1}{4}$ W Resistor	110000-562
R8	680 Ω , $\pm 5\%$, $\frac{1}{4}$ W Resistor	110000-681
R9	470 Ω , $\pm 5\%$, $\frac{1}{4}$ W Resistor	110000-471
R10	3.9 k Ω , $\pm 5\%$, $\frac{1}{4}$ W Resistor	110000-392
R13	10 k Ω , $\pm 5\%$, $\frac{1}{4}$ W Resistor	110000-103
R14	5.6 k Ω , $\pm 5\%$, $\frac{1}{4}$ W Resistor	110000-562
R15	3.9 k Ω , $\pm 5\%$, $\frac{1}{4}$ W Resistor	110000-392
R16	2.2 k Ω , $\pm 5\%$, $\frac{1}{4}$ W Resistor	110000-222
R17, R18	2.7 k Ω , $\pm 5\%$, $\frac{1}{4}$ W Resistor	110000-272
R19	1 k Ω , $\pm 5\%$, $\frac{1}{4}$ W Resistor	110000-102
R20	1.5 k Ω , $\pm 5\%$, $\frac{1}{4}$ W Resistor	110000-152
R21	2.2 k Ω , $\pm 5\%$, $\frac{1}{4}$ W Resistor	110000-222
R23	2 k Ω Potentiometer	119002-202
R24	VDR Resistor	110004-001
R25	10 k Ω Potentiometer	119002-103
R26-R29	470 Ω , $\pm 5\%$, $\frac{1}{4}$ W Resistor	110000-471
R30, R31	150 Ω , $\pm 5\%$, $\frac{1}{4}$ W Resistor	110000-151
Miscellaneous		
	44-Pin Connector	179073-044
	24-Pin Connector	179073-024
	Nylon Snap-In Fastener	81-4302

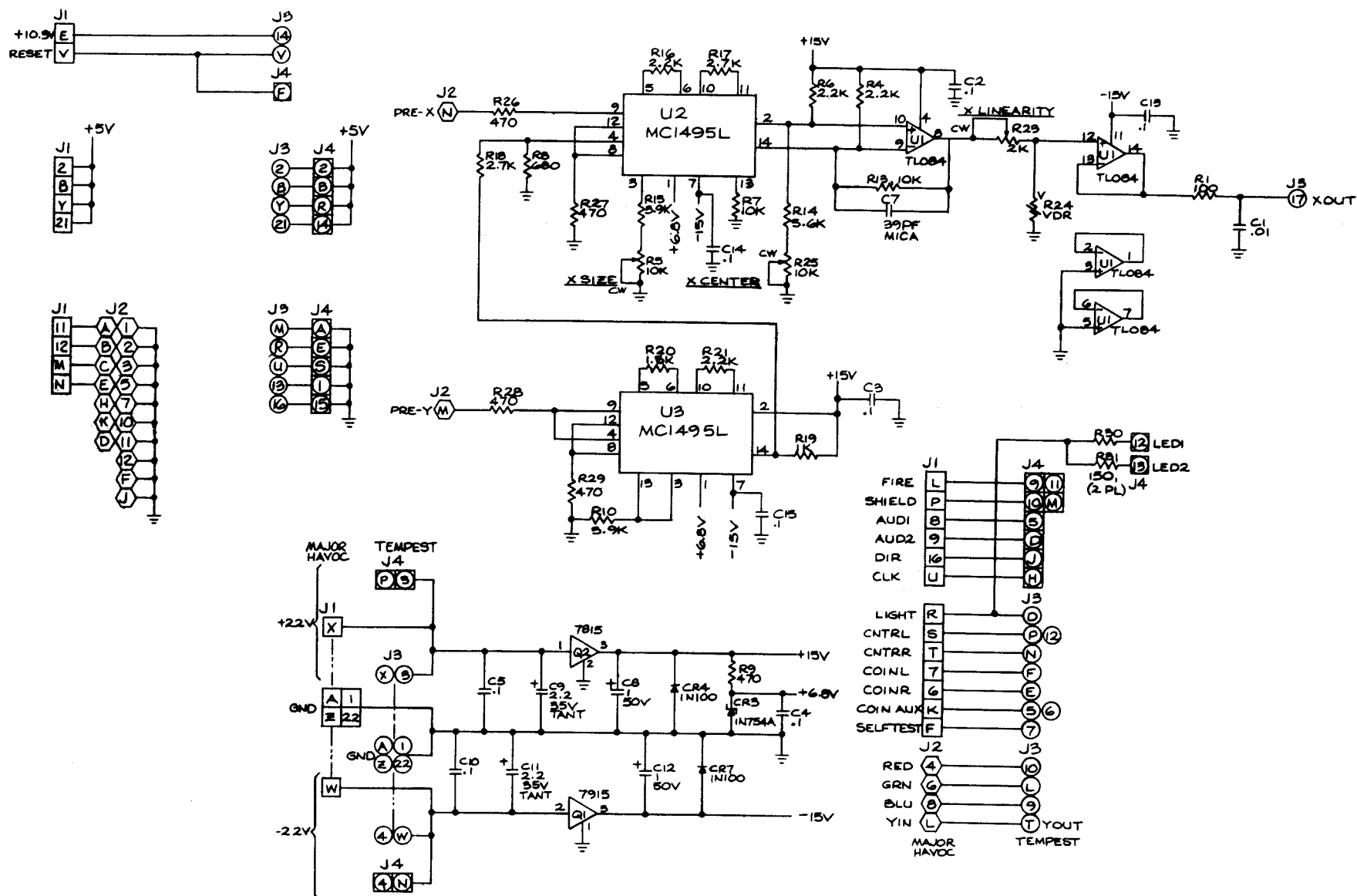


Figure 2 Conversion PCB
Schematic Diagram
A042393-01 A