



USER BULLETIN

USER BULLETIN #3

INSTALLATION OF ZETA THREE RESET MODIFICATION

December 16, 1987

TOOLS REQUIRED

Phillips head screwdriver.

Small electronic cutters (scissors or pliers will NOT do !).

IC removal tool.

PART REQUIRED

Adams-Smith "Z3R" circuit board, part number 8710-2850-1.

PROCEDURE

1. Turn OFF the power and DISCONNECT the POWER CORD.
2. Remove the two screws at the rear of the top panel, and remove the panel by sliding it backwards out of the chassis.
3. Using Figure 1, locate connector J9 and unplug it from the circuit board. Bend the wiring harness up out of the way.

MIDI JACKS

1/4" JACKS

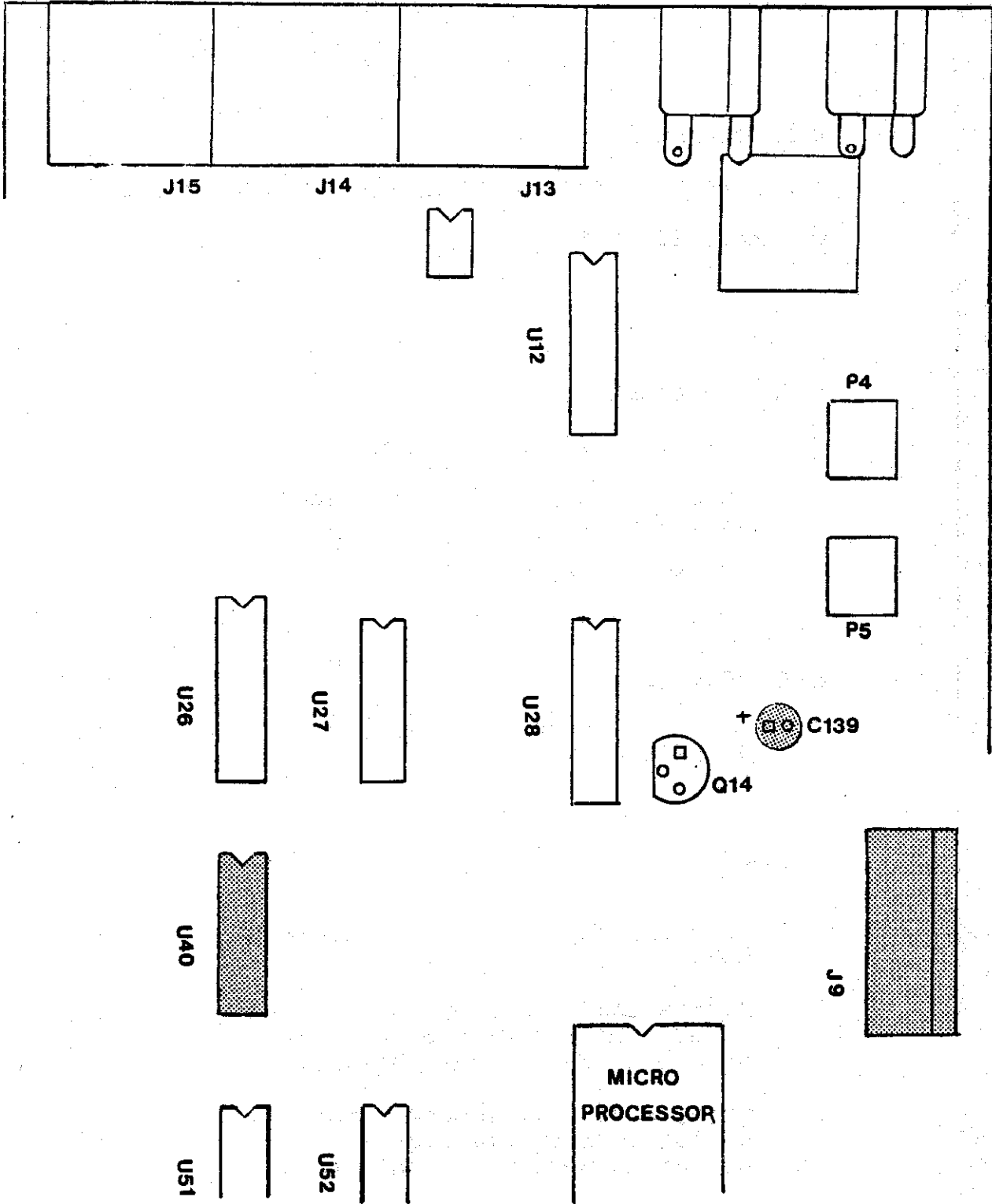


Figure 1. Location of Components

- 4. Locate capacitor C139, near connector J9. This is a teardrop shaped part, and is also shown on Figure 1.

Using small cutters, carefully clip the legs of C139, removing it from the circuit board. (See Figure 2).

If C139 has been installed so close to the board that its legs are not visible, then it will be necessary to cut through the body of the capacitor as close to the board as is practical. Just be sure to clean up the debris !

BE VERY CAREFUL NOT TO DAMAGE THE PRINTED CIRCUIT BOARD.

Note that it is NOT necessary to remove the legs completely from the circuit. The expected result is that a short portion of each leg will remain soldered into the circuit board.

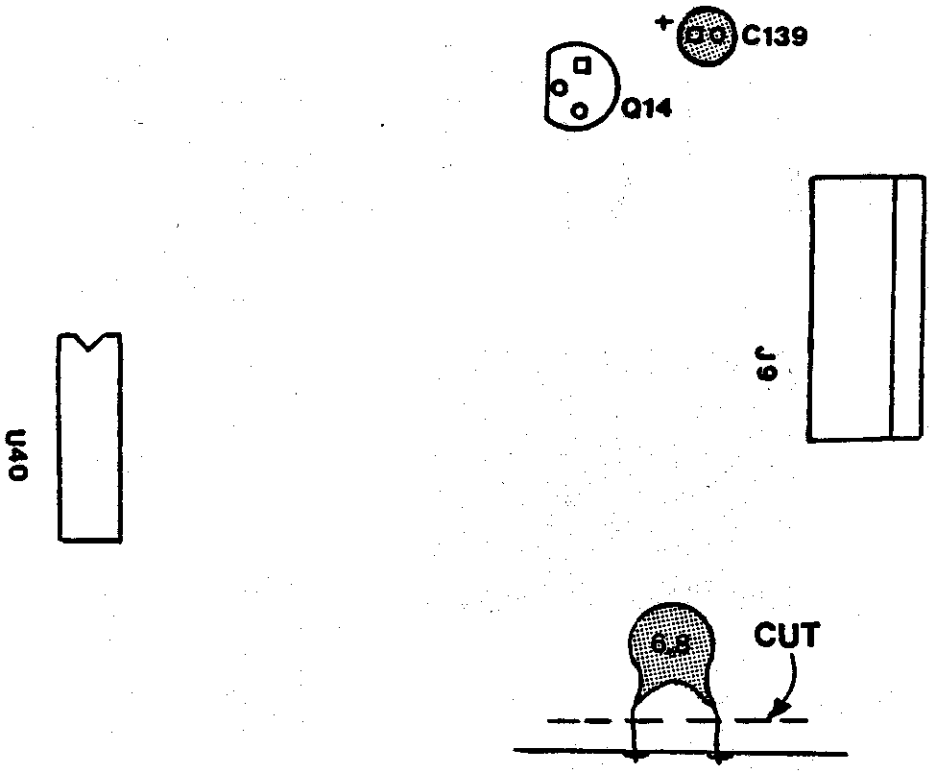


Figure 2. Removal of Capacitor C139

MIDI JACKS

1/4" JACKS

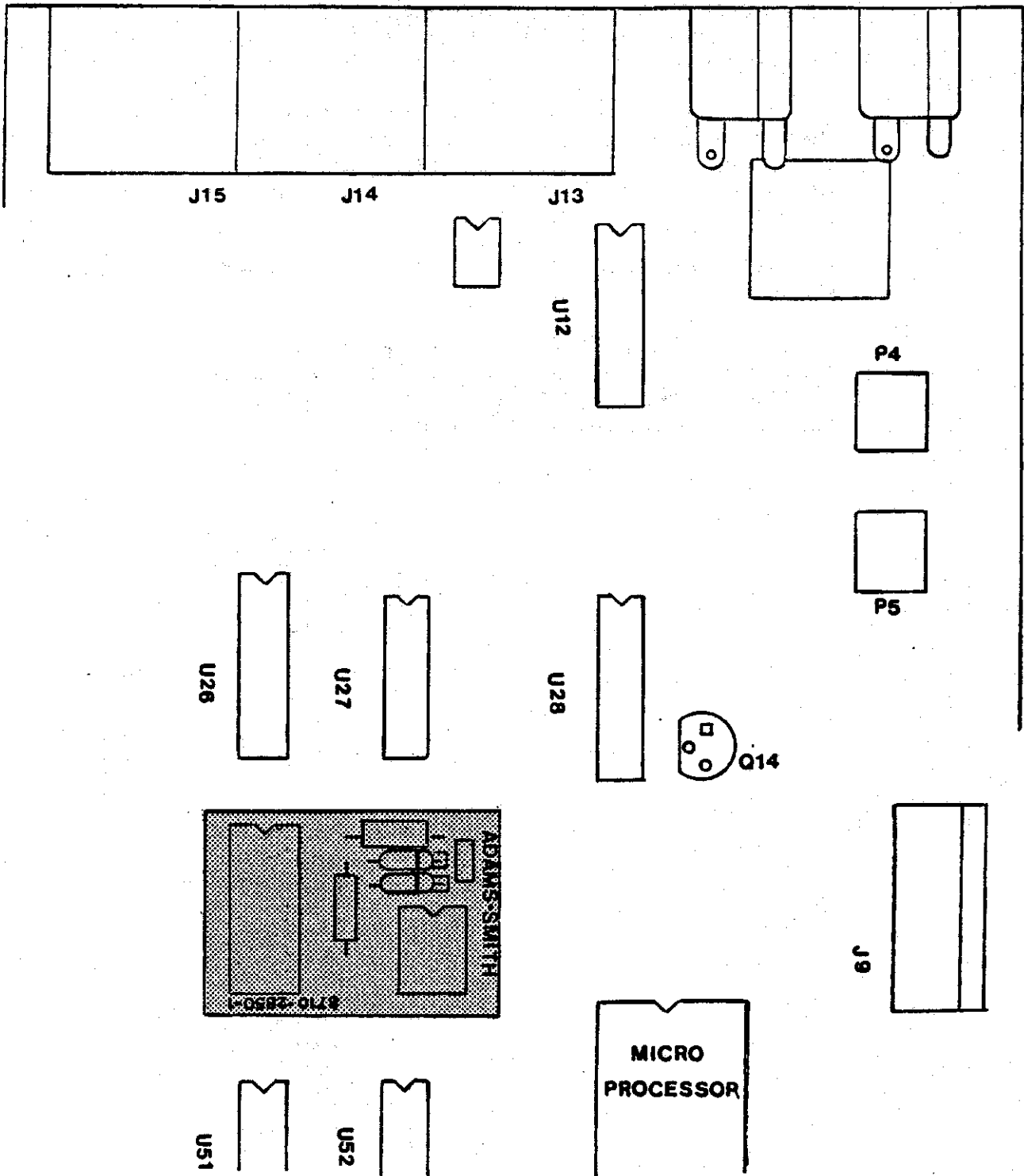


Figure 3. Orientation of Reset Board

5. Refer again to Figure 1 and locate the integrated circuit marked U40. This IC will have the part number 40106 somewhere on its surface, together with other numbers and letters.

Carefully remove U40 from its socket using an IC removal tool. You may keep it for your spare parts kit !

6. Install the RESET CARD into socket U40, **oriented as shown in Figure 3.**

Be sure that all pins are aligned and well seated in the socket.

7. Re-install connector J9, making sure that the locking flange mates correctly with the locking bracket on the receptacle.

8. Replace the top cover and the two screws that secure it.

9. Re-attach the power cord.

10. The Zeta Three may now be powered up normally.