

HW-8-MC1496 Adapter Installation Notes

This board adapts the MC1496D SMD IC which replaces the harder to find MC1496G 10 pin package.

Contents:

- 1 MC1496 Adapter board w/ IC
- 10 Wire 24ga 1" long
- 1 Aluminum foil 1sqin

1. Pin Installation:
 - a) Place a small piece of aluminum foil on top of the PCB. Turn the board upside down and place in a vise to keep the board from moving while soldering. The aluminum foil keeps the pins from falling through during soldering.
 - b) Solder the 10 wires around the outside edge. Remove the foil and recycle.
2. Note the position of the tab on the IC before removing. This is pin #10 and should match up with a square on the PCB outline. Typically this square is pointing toward the preselector capacitor. Carefully unsolder the old IC from the HW-8 using solder braid and/or a solder sucker. Be carefull not to damage the pads and traces.
3. Position the adapter board into the IC area on the HW-8. Note the square silkscreen on the adapter board, which is pin #10, should align with the marked area on the HW-8 board. Align the wire pins with the holes and insert into the board. Slightly tilting the adapter board to get the first pin started then adjust and insert each pin in a clockwise or counter-clockwise direction will help aligning. When complete the adapter board should be about .1" above the resistors to the left and right.
4. Solder the 10 pins into place. Clips the excess leads.

