HW-8-MC1496 Adapter Installation Notes

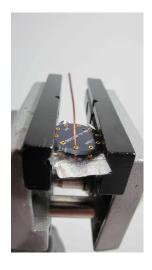
This board adapts the MC1496D SMD IC which replaces the harder to find MC1496G 10 pin package.

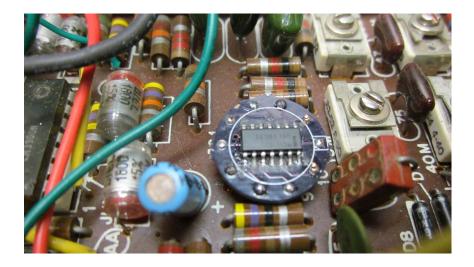
Contents:

- 1 MC1496 Adapter board w/ IC
- 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.





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