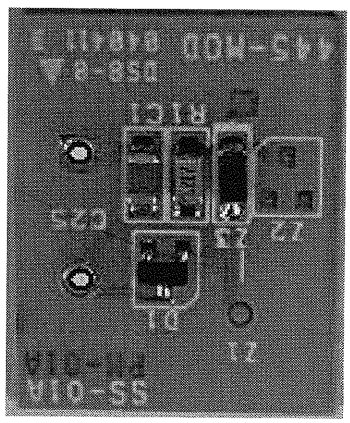
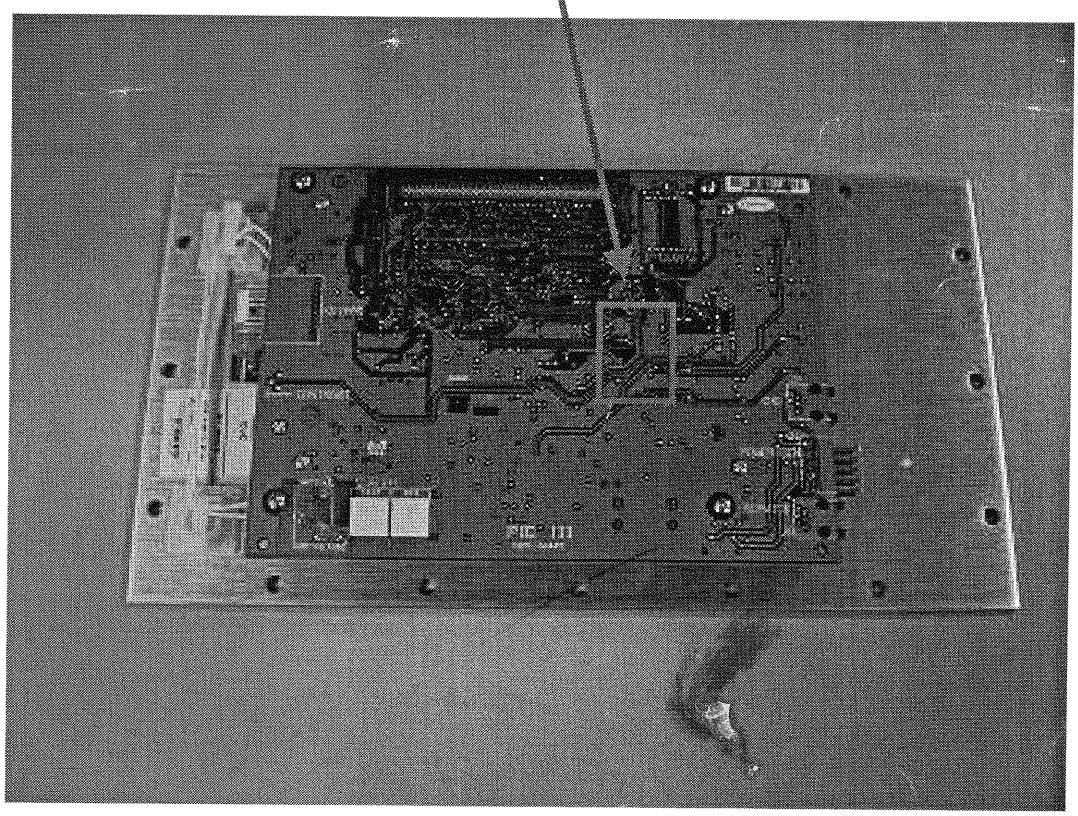
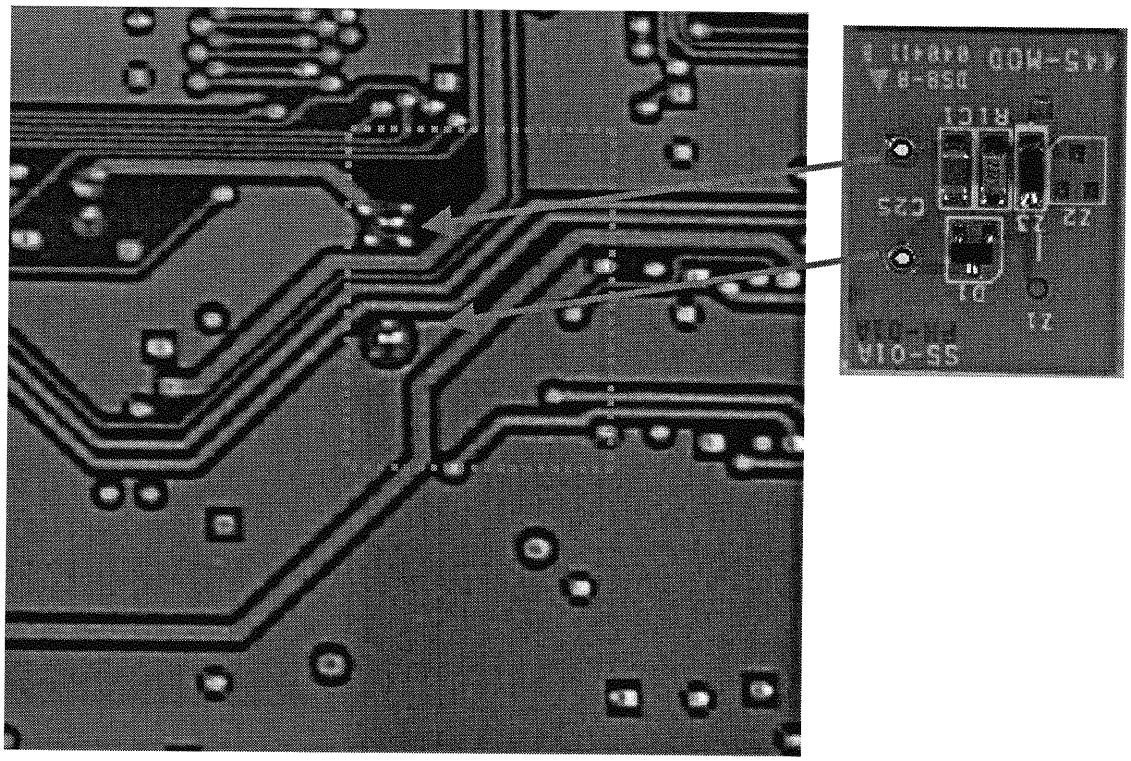
ICVC REWORK DIRECTIONS



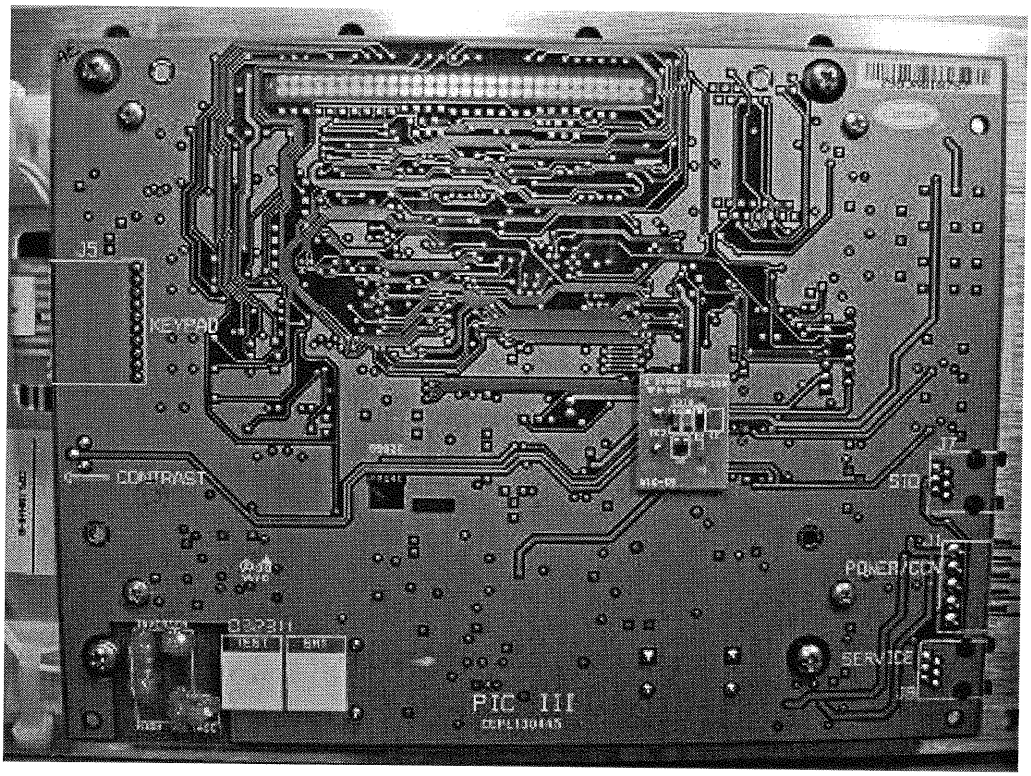
Mini Board



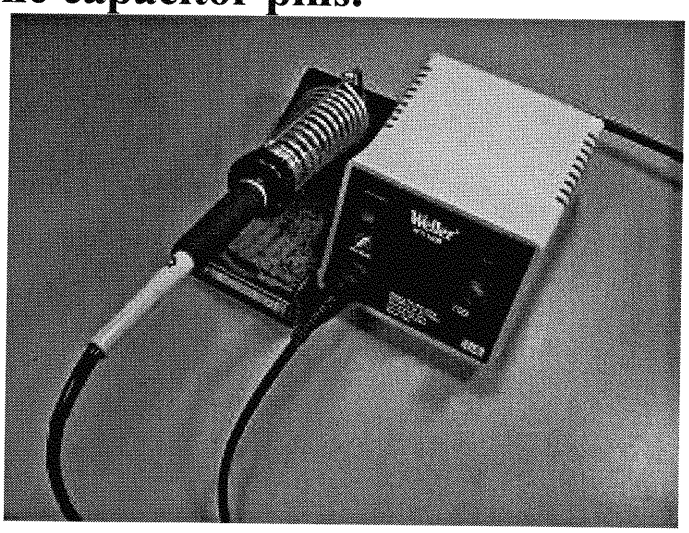
ICVC



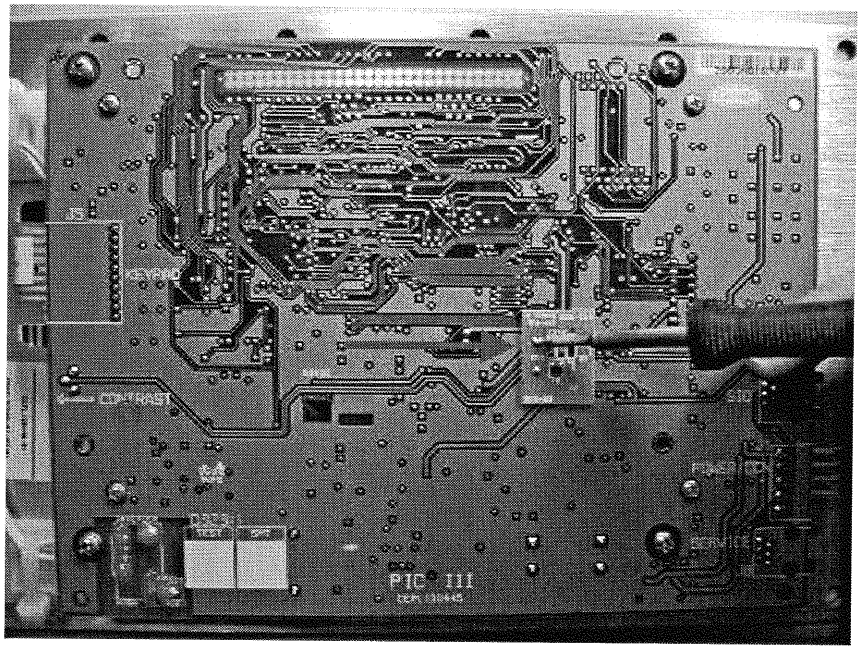
Align the mini board such that the two plated through holes line up with the 2 pins of the large capacitor on the ICVC



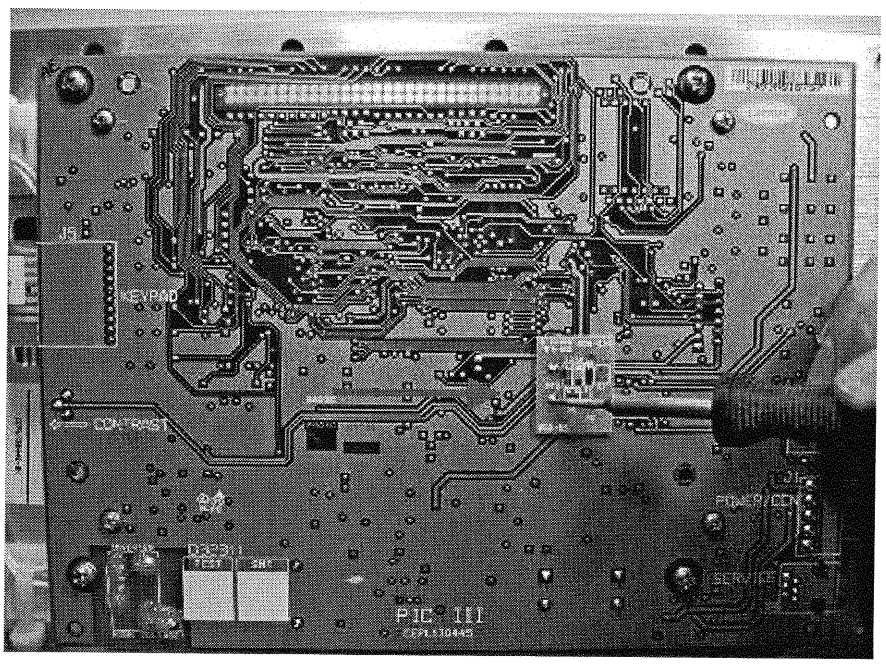
Set the mini board on the ICVC such that the two capacitor pins go through the two plated through holes of the mini board. The mini board should lay flat against the ICVC. If it doesn't preheat the solder at the capacitor pins.

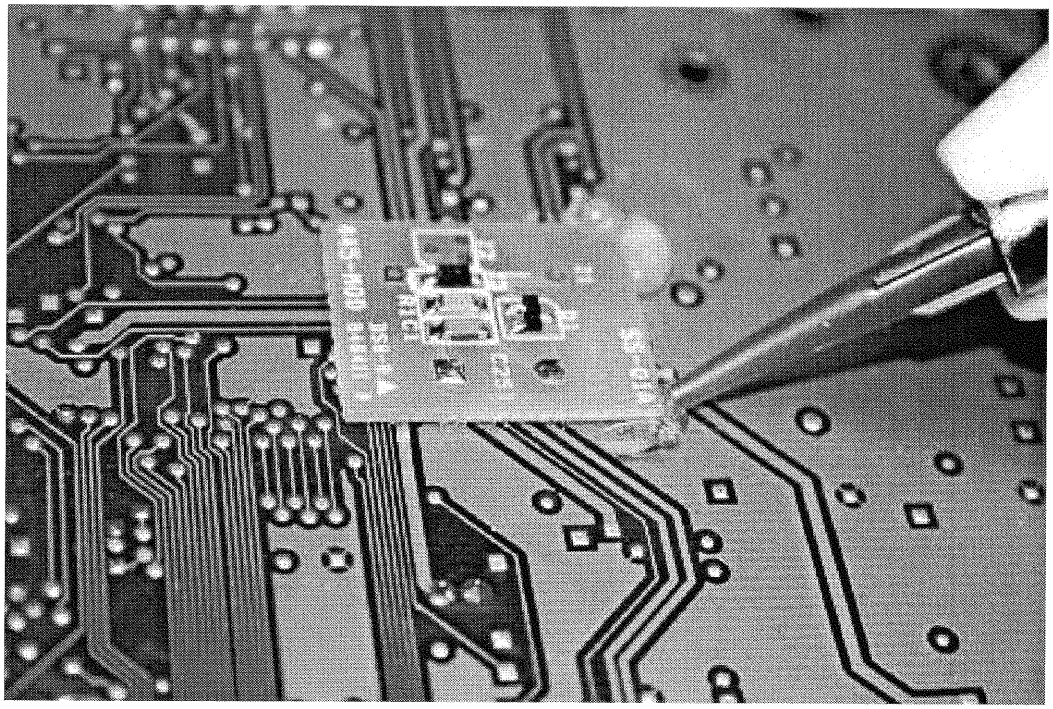


Heat up a standard soldering iron to 315 °C to 370 °C

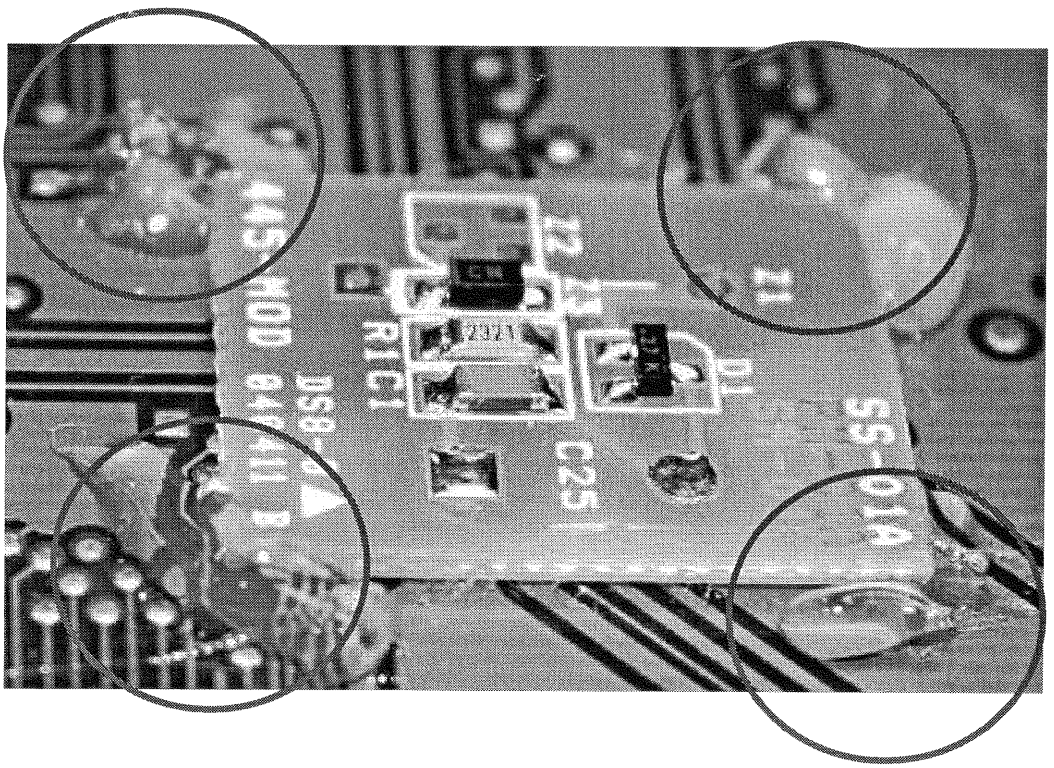


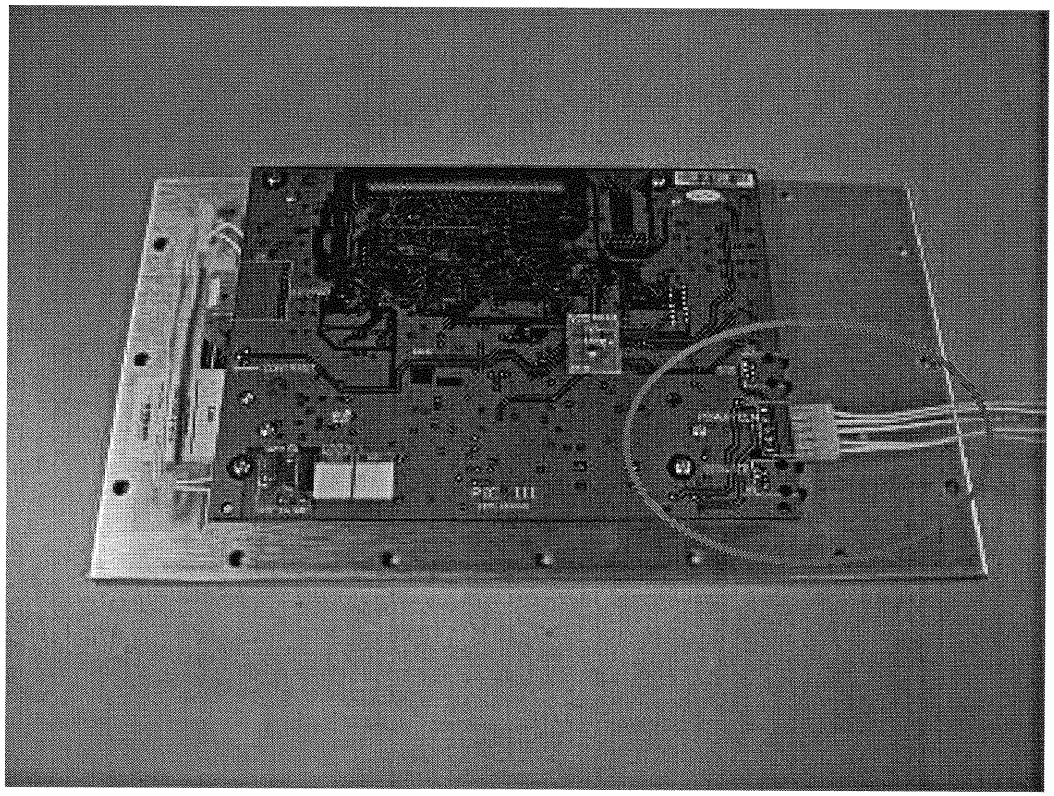
Use a soldering iron and solder to connect the mini board to the ICVC as shown. Solder the two plated through holes. Use Sn 60 / Pb 40 solder with "44" Rosin core or similar.



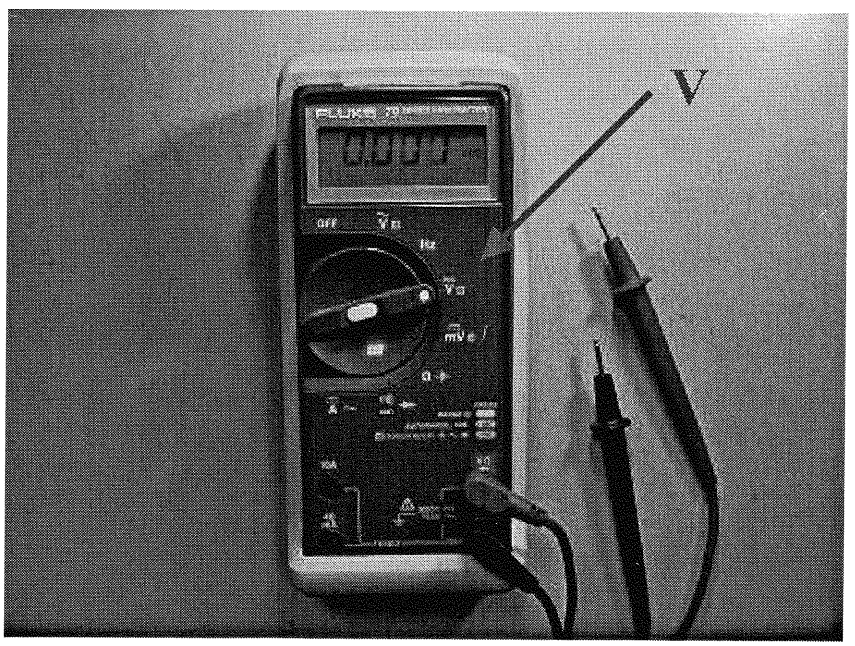


Apply RTV adhesive (Dow Corning, 3145 RTV, MIL-A-46146 or similar) to all four corners as shown. Wait 4 hours for the RTV to dry.

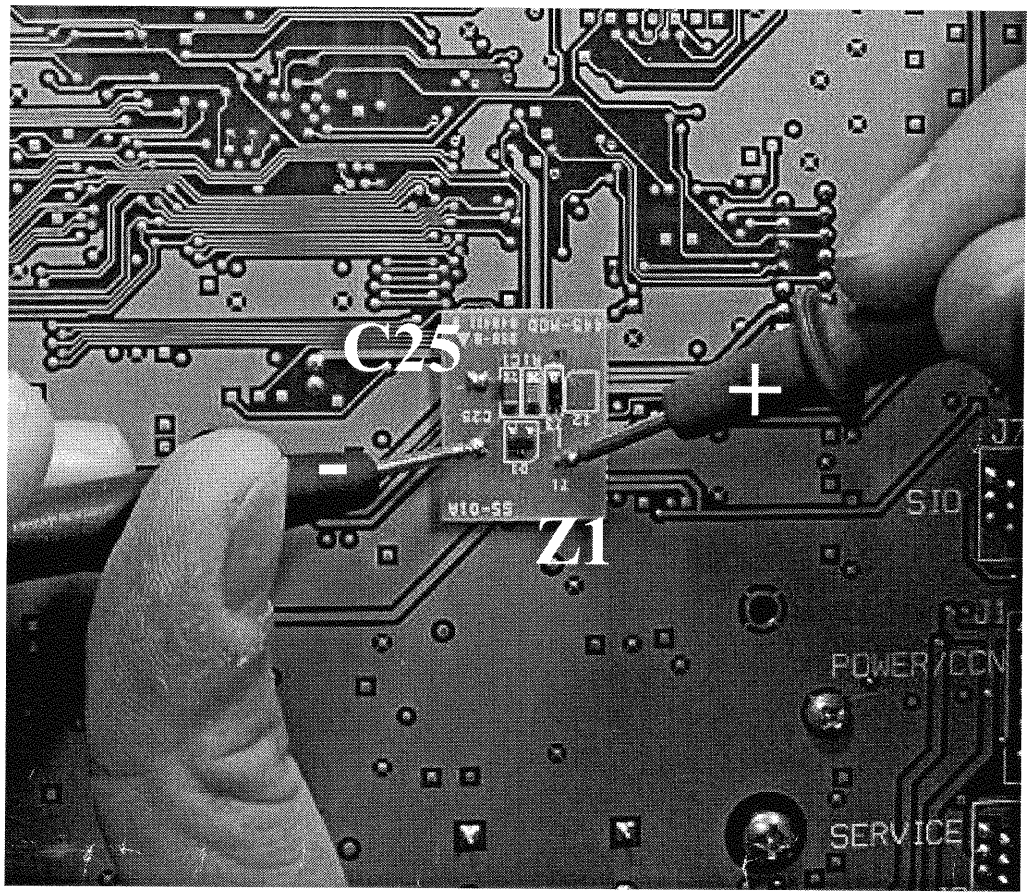




Connect the ICVC to the 24 VAC Power and wait 2 minutes.



Set the voltmeter to measure DC volts



After 2 minutes, measure the voltage between the pins marked Z1 and C25 as shown. Place the positive (+) lead on Z1 and the negative (-) lead on C25. The voltage must be between 0.3 V and 0.8 V.

If the voltage is wrong, remove the mini board and repeat the procedure. If still bad, try another mini board.