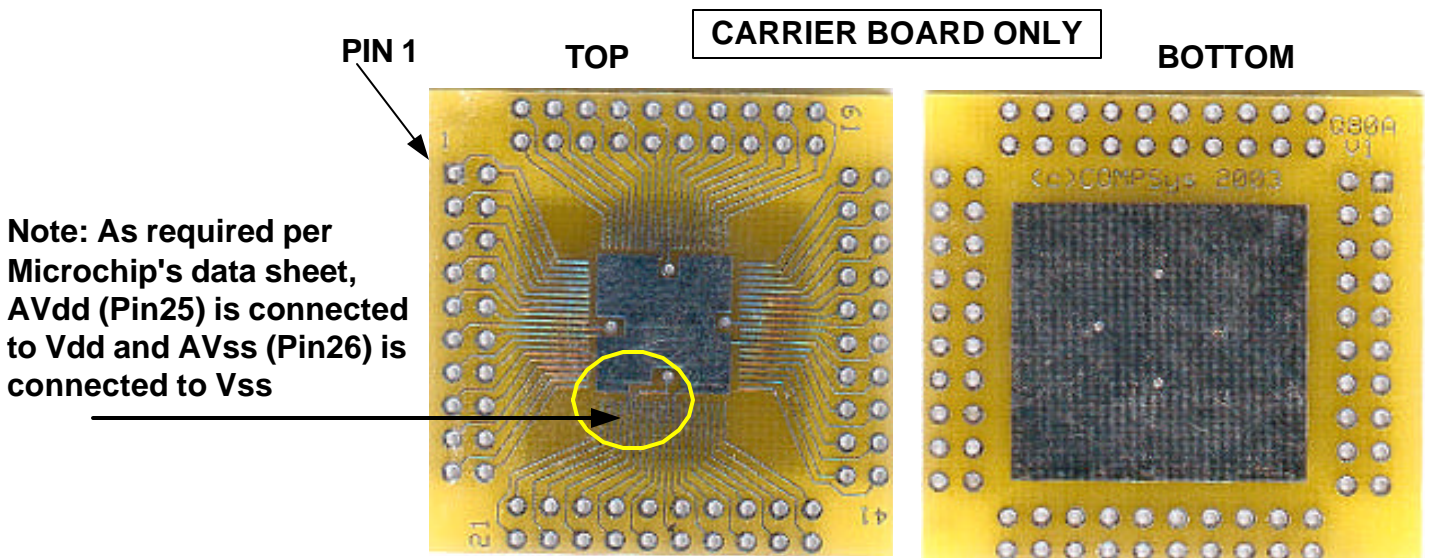
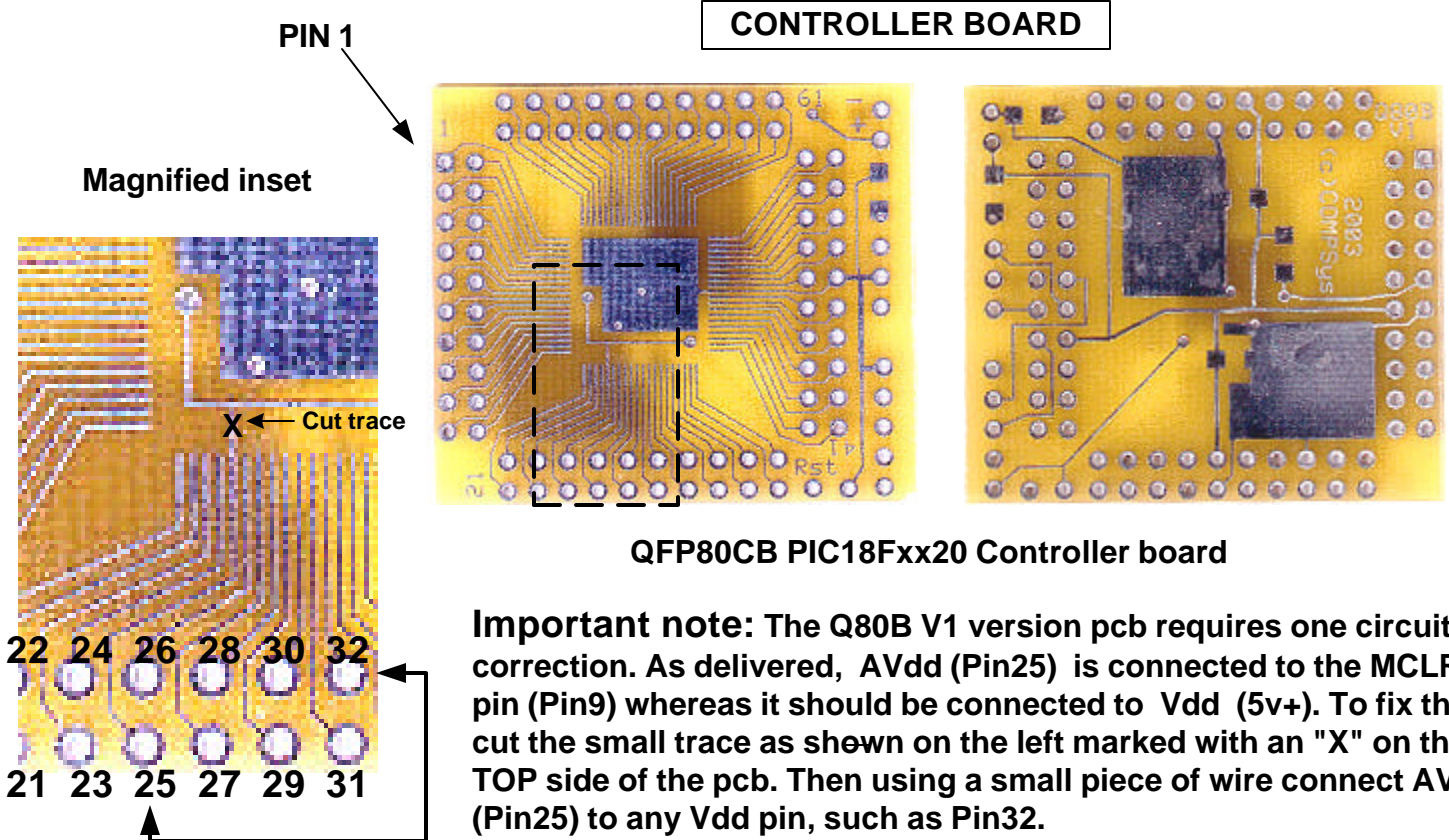


# PIC18Fxx20 Carrier/Controller PCB



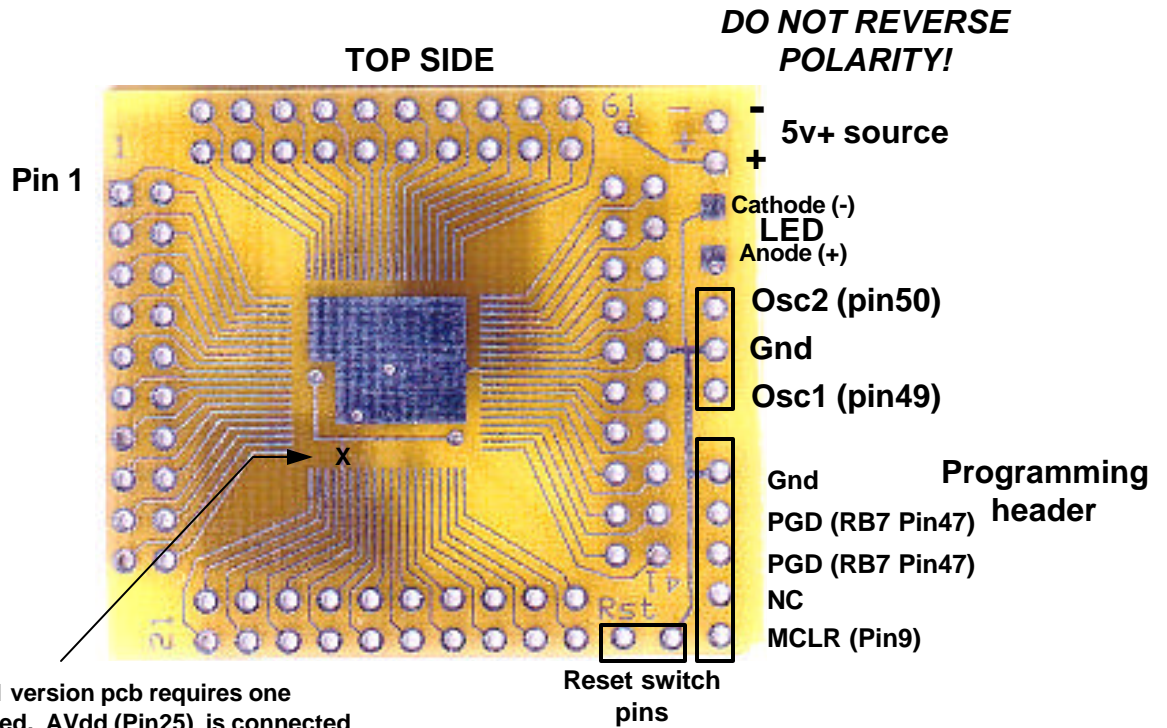
**QFP80AB PIC18Fxx20 Carrier board**



## Disclaimer and Terms of Agreement

As with any kit, only the individual parts supplied are guaranteed against defects and not the user assembled unit. All kit parts are purchased from reputable sources such as Digikey Inc, Allied Electronics and Mouser Inc, however, should a kit part be ascertained to be defective it will be replaced at no charge within 30 (thirty) days of the purchase date. Beyond that, COMPSys Workbench and / or the COMPSys developer(s) assume no liability and WILL NOT be held liable nor be held responsible wholly or in part for any damages caused by the construction of and / or use of their products sold .

**QFP80 CONTROLLER BOARD**



Important note: The Q80B V1 version pcb requires one circuit correction. As delivered, AVdd (Pin25) is connected to the MCLR pin (Pin9) whereas it should be connected to Vdd (5v+). To fix this cut the small trace as shown on the left marked with an "X" on the TOP side of the pcb. Then using a small piece of wire connect AVdd (Pin25) to any Vdd pin, such as Pin32.

**BOTTOM SIDE**

- C1-C3 decoupling caps (0.1uf or 1uf)**
- R1 LED limiting resistor (220 to 470 ohms)**
- R2 MCLR pullup resistor (1 to 4.7k)**

Values in parenthesis are suggested values. Use whatever values your design circuit design requires.

