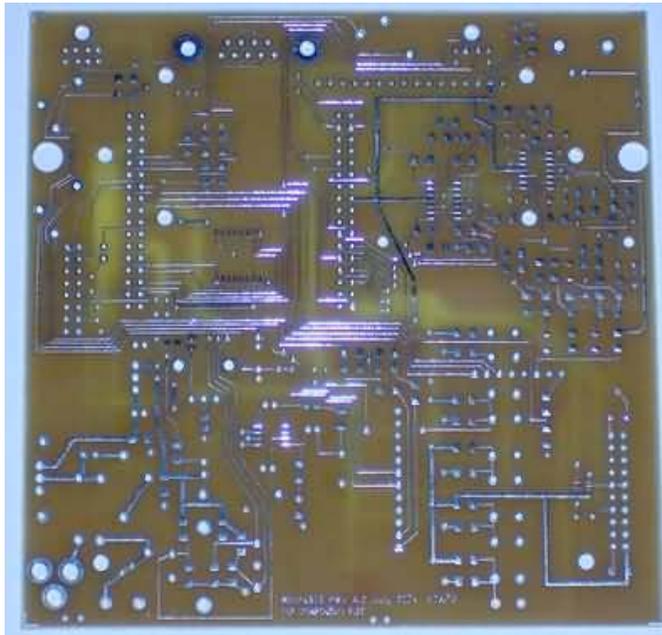

Section 3: PC Board Preparation

Meet the Micro908 PC Board! You should become familiar with the orientation nomenclature that we'll be using throughout this manual. (Note: The pc board shown here is one of the prototypes ... the production board provided in the kit has green solder mask and white component legends to help with location identification and soldering.)

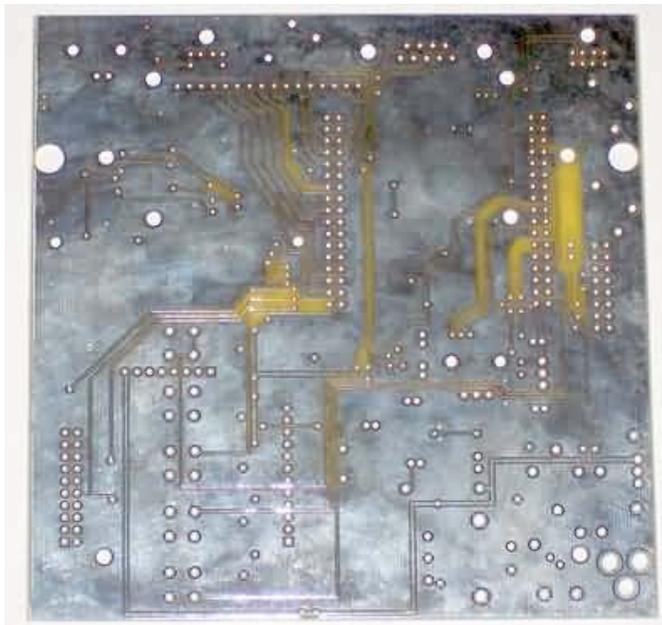
Top or "Component" Side



← Left

Right →

Bottom, or "Ground" or "Controls" Side

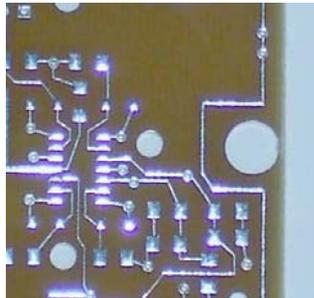


← Left

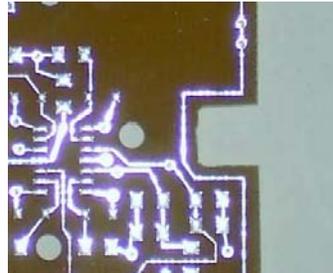
Right →

If you intend on installing the pc board in the optional Enclosure, you will need to slightly modify it before starting assembly.

Using a flat file, convert the two largest holes on the left and right sides of the board as shown to allow the board to fit over the mounting posts on the inside of the enclosure. (If you are not using the Enclosure option, this step will not be necessary.)



Original hole (right side)



Modified hole (right side)

Do this for the left side hole as well. It is not critical as to exactly how large you make the rectangle – just don't file into the top side traces! (Actually, the larger the better, which will allow easier alignment when you assemble the pc board into the enclosure.

Using the flat file again, file the four outside edges of the overall pc board. Take off only about 1/32" all around the board in order to allow it to fit into the enclosure without any resistance.

When properly done, the pc board should easily drop into the top half of the enclosure as shown below. Note that the front edge of the board should reach up to the inside edge of the slot at the top. If the board extends any further than this, the end panel will not fit properly. File that front edge of the board to have the edge just meet the inside part of the slot. (You could take one of the enclosure end panels and drop it into the slot to ensure proper sizing of the pc board.

