

PC104 Dual Slot Back Plane Setup

Note: Pin 1 of J1, J2, J3 and J4 is the pin with the square pad on the solder side of the pcb.

- 1) Install the PC104BP Back Plane board in a well ventilated area.
- 2) Note: When connecting power supplies and any other cables, shut the power supply OFF.
- 3) Connect 24 Volts DC (or AC peak to peak) to J3 pins 1 and 3 (pin 1 is the pin closest to the PC104 header J1).
When using 24 Volts DC, polarity does not matter. Connect either lead to pin 1 and the remaining lead to pin 3.
Note: Pin 2 can be used to connect the green chassis ground lead to chassis ground.(through J7).
- 4) Install the first PC104 board into J1.
- 5) Install the second PC104 board (if required) into J2.
- 5) Connect all required cables.
- 6) Turn on 24 Volt supply and verify all voltages
- 7) The RED led at the top of the board designates 5 volts dc.
- 8) The YELLOW led at the bottom of the board designates 12 volts dc.
- 9) Verify proper operation of the PC104 boards.
- 10) J4 is an output connector used to cable the 5volts and 12volts to other places within the chassis.
Pin 1 (closest to PC104 header J2) is 5V.
Pin 2 is 5V.
Pin 3 is GND.
Pin 4 is GND.
Pin 5 is GND.
Pin 6 is 12V.



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