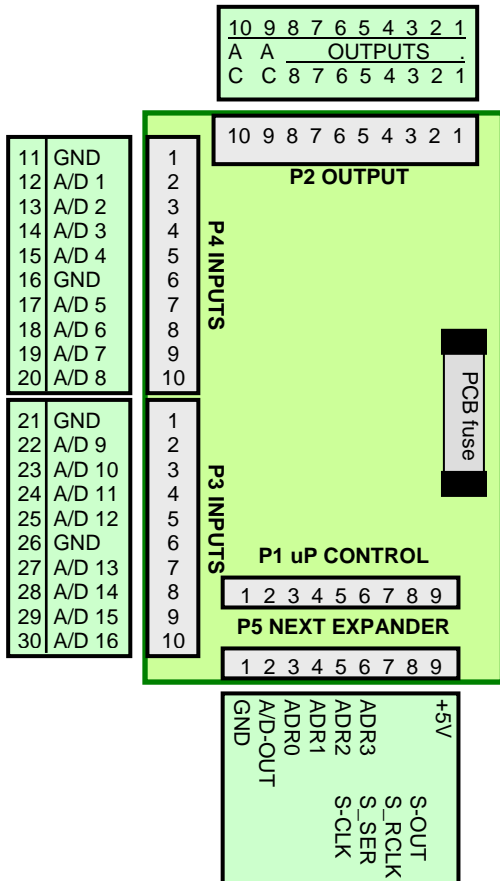


IO390 A/D, Out PCB CONNECTIONS Rev 00.02

16 multiplexed A/D inputs, 8 open collector outputs. PCBs installed within same housing as uP PCB.



uP Control: Up to 4 IO390 for inputs. Up to 6 IO390/IO391 for outputs. PCBs parallel to uP. Loop S-OUT/S-SER if outputs used, else parallel. S-CLK and S-RCLK parallel.

Inputs:
On CR390, set input expanders (1 to 4).
On PC, input ports are:
1st expander: 17 to 31.
2nd expander: 32 to 48.
3rd expander: 48 to 63.
4th expander: 64 to 79.

Outputs: – If outputs, loop S-OUT to S-SER.
On CR390, set output expanders (1 to 6)
On PC, output ports are:
1st expander: 15 to 22.
2nd expander: 23 to 30.
3rd expander: 31 to 38.
4th expander: 39 to 46.
5th expander: 47 to 54.
6th expander: 55 to 62.

Power (one of the following):
12VAC on P2-10, P2-9.
12VDC on P2-10(+), P2-11(GND).
5VDC via P1-9.
P1-1 always connected.

