Title: MC110 modifications for 24V motors

Products(s): MC110

Keywords: 24V Motor

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Summary
The default configuration of the MC110 is to use the +12 volt power supply of the PC for direct motor drive. The MC110 can be modified to use an external +24 volt supply for direct drive of 24 volt motors.

More Information
Make the following modifications:

1) Cut the trace from JP9 pins 2 and 3 (solder side of MC110)
2) Cut the trace from JP10 pins 2 and 3 (solder side of MC110)
3) Add a wire from JP9 pins 1 and 2 (solder side of MC110)
4) Add a wire from JP10 pins 1 and 2 (solder side of MC110)
5) Remove 10K ohm resistors R13 and R18.
6) Replace R13 and R18 with 20K ohm, 1%, 1/4W resistors
7) Connect the +24 supply to J3 pin 7
8) Connect the 24 volt return to J3 pin 8