

C10 - BIDIRECTIONAL BREAKOUT BOARD Rev. 10

Sample wiring using to board to connect drivers, e-stop, limit switches, and a relay to start your spindle

USE PINS 2-9 FOR OUTPUT

IF PINS 2-9 USED FOR INPUT, THEY COULD BE PULLED UP OR DOWN, DEPENDING ON THE JUMPER POSITION. THE RESISTOR VALUE IS 4.7K

SET THE COM TERMINALS TO +5VDC OR GND, DEPENDING ON THE DRIVER USED

TOGGLE SWITCH TO ENABLE THE SYSTEM MANUALLY

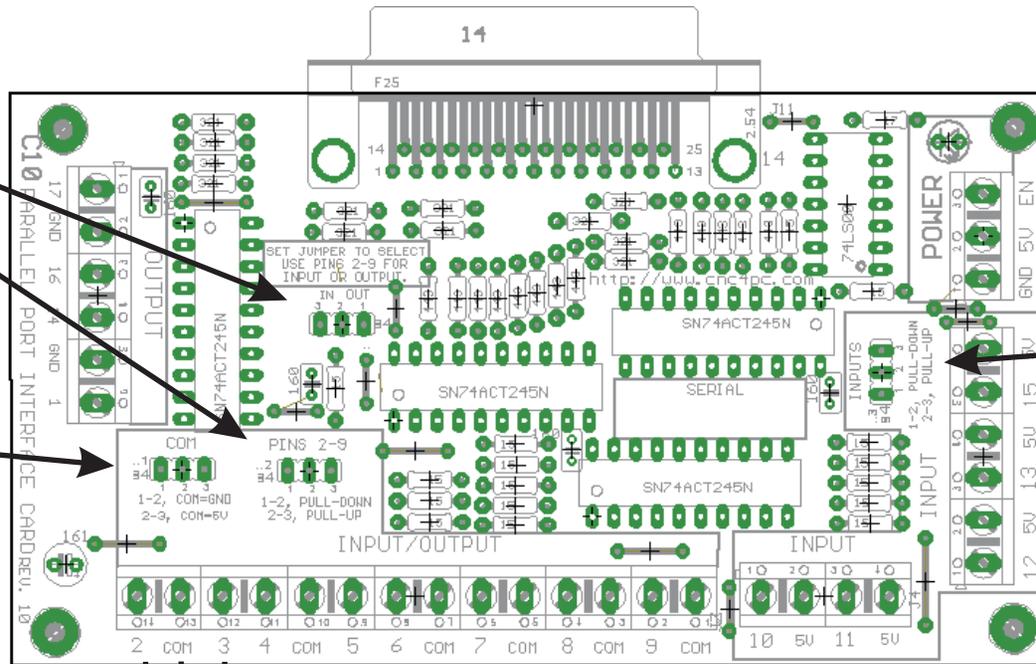
+5VDC POWER SUPPLY

PINS DIFFERENT THAN 2-9 COULD BE PULLED UP OR DOWN, DEPENDING ON THE JUMPER POSITION. THE RESISTOR VALUE IS 4.7K

X Limit Y Limit Z Limit

You can connect the limit switches in series using NC (Normally Closed) switches.

E-STOP NC SWITCH



This card must be powered while your system is under power. Keep in mind noise can be transmitted into output signals that could trigger unwanted actions in your system.

