

PARALLEL PORT INTERFACE CARD WIRING DIAGRAM C1G

NOTES:

1. All inputs and outputs are provided with pull-down resistors.

2. If you need to connect a device that outputs more than 5vdc, you can use a resistor to limit the current. Use the following resistor values:

10 vdc - 1 MOhm

12 vdc - 1.5 MOhm

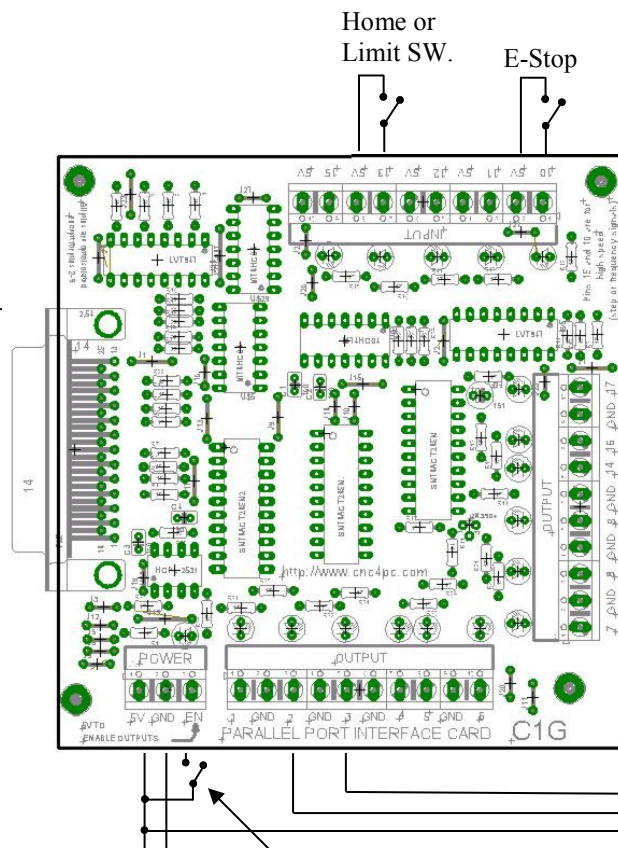
24 vdc - 3.9 MOhm.

To use these resistor values your card must be powered with 5vdc. If you are powering your board with a different voltage unexpected results can happen., including damage of the board.

3. Pins -2-9 are not optoisolated.

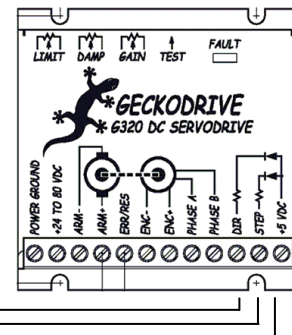
4. Input pin 15 and output pin 16 are provided with high speed optoisolators

To PC using
DB25 male to
male cable.



Connect this side to an external +5vdc power supply to power your card.

You must provide +5 to EN pin to enable outputs. You can hardware this is you want your card to be enabled at all times, you install an external switch, or you can install a safety charge pump.



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.