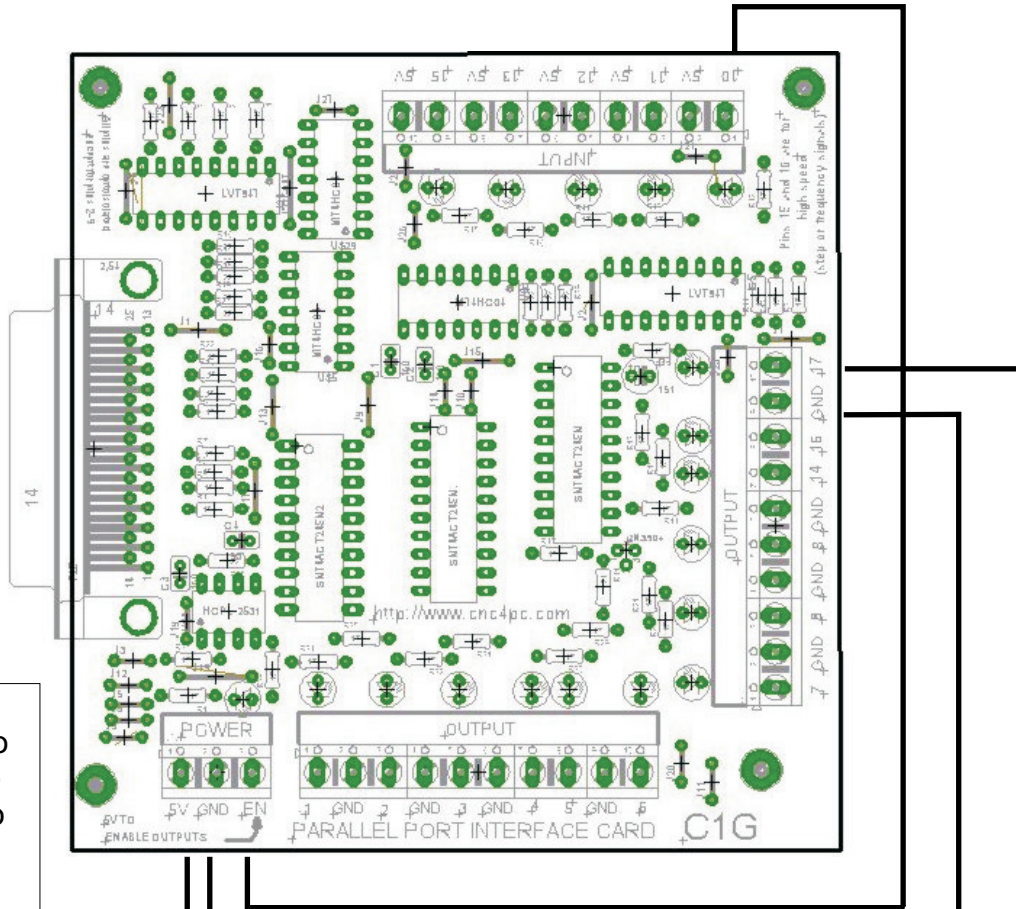


SAMPLE WIRING USING AN EXTERNAL SAFETY CHARGE PUMP AND E-STOP PUSH-BUTTON



Use NO (Normally Open) Push-Button to temporary enable the outputs so pin17 can deliver the 12.5khz signal to the Safety Charge Pump Board.

5vdc power supply

E-Stop. Using a NC Connection

- The Push-Button must be pressed while you reset the e-stop condition in your control software.
- The e-stop will instruct your control software of the e-stop, and will also disable your outputs at the same time. The Safety Charge Pump Circuit will make this circuit act as a relay switch. So when the e-stop push-button is released, your system will remain disabled until you press the reset push-button and the reset your e-stop condition in your software.
- This wiring is valid for the current version of the C10, C1G, C11, and C11G. This wiring does not apply to the release 4.2 of the C1 because it is provided with pull-up resistors instead of pull-down resistors. So the pin will send a high signal when left in the air, and you will need a ground signal to have it change state.

