Assembly / Re-Assembly Work Log

Project: **GRAMS** Board: **COLD TPC SiPM Bias Boards** Date: **9-April-2025**

**Information:**

1. Made some updates to the design of the board. There are a few items that have to be modified to make this board like the updated design.
   1. One change is to update the rail voltage to the buffer driving the control voltage of the DC-DC converter from 3.3V to 5V, which should ideally be 5.5V.
   2. Another change is to lower the series resistance on the enable lines to allow more current to flow through the opto-coupler.

**Description of needed assembly work:**

* Please remove R8 from the board.
* Please remove R1 from the board and replace it with 820-Ohm resistor.
* Ground Pin 8 on the J3 connector
  + Connect Pin 8 to Pin 6