

Fall Quarter 2025 Tasks:

Group Members: Michael Petta, Sky Lin, ...?

Tasks:

- Finish and Update Schematic Following Alvar meeting 5/31 **Move forward**
- Look into Version Control? Github, Git, etc **Being Set up Github for EPS Boards**
- ~~Other circuits included on board?~~
- Design specifications for component values
- Use Design Calculator w/ specs, I/O current Sensing, Voltage Dividers. What can we calibrate with HW vs SW (I^2R)? What is Hard-coded vs what is flexible?
 - HW: Sense resistors, programming resistors, Thermistor Divider
 - SW: Charge Voltage Regulation, Charge Current Limit, Input current limit, min system operating voltage.
- PCB Layout: Any satellite specific considerations? What are the physical layout suggestions for the BQ25756?
 - Eventually start Laying out in the PCB editor.

PCB DEADLINE DEC. 5TH