# Weekly Report

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# What I did:

* Finish test plan with team.
* First PCB bring up
  + Populated components section by section starting with the power circuitry
  + Debugged issues
  + Replaced components
* Testing
  + Verified power rails
  + Voltage regulator
  + Charge controller
  + Power turn-off circuitry
  + Button
  + Debounce circuitry
  + OLED display
  + Hall effect sensor module
  + Battery charging
  + Read chip ID
  + Preliminary flashing with blinking LED code
* Second PCB bring-up
  + Applied solder paste using stencil from OSH stencils
  + Heated in reflow oven

# Issues:

* Battery power and GND shorting on the 2nd PCB. Investigate possible fried capacitors or solder bridging under ICs

# Next Steps:

* Prepare for presentation
* Update BOM
* Finish case housing
* Flash PCB 1 with fully functional code
* Assemble all components into case housing
* Present
* Relax