Gerrit’s Gym Board

1. MCU, Particle Photonh
2. Battery, Mystery LiPo from electron battery pack
   1. Use <https://www.sparkfun.com/products/13626> circuits
   2. <https://forum.kicad.info/t/mcp73831-lipo-charger-heat-dissipation-layout/2303>
3. <https://www.adafruit.com/product/2719>
4. <https://www.amazon.com/Diymall-Serial-128X64-Display-Arduino/dp/B01HI42NPK/ref=sr_1_1?ie=UTF8&qid=1496781187&sr=8-1&keywords=Diymall+1.3%22+Inch>

Preflight Check

* Check that the prog resistor is correct on MCP73831/2
* Check that the i2c pullups are necessary
* Hook up reset pin to Photon