Weatherbot Board

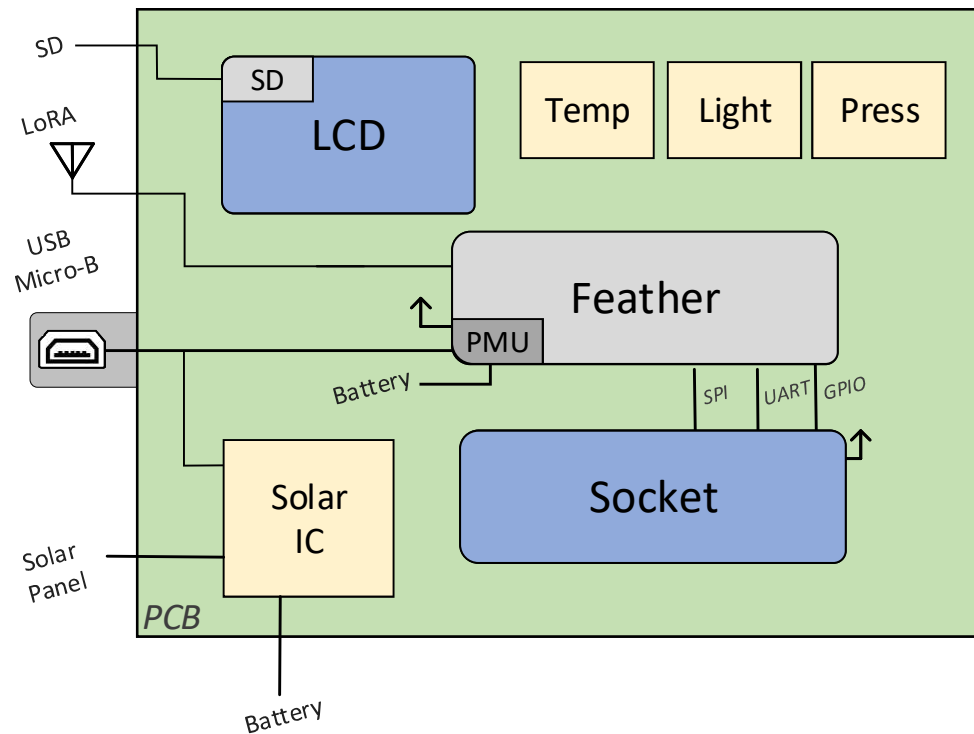Michael Fassbind & Justin Reina
BrickRed Systems

Sensors:
- Ambient Light
- Temp & Humidity
- Pressure

Interface Support:
- Wireless – WiFi, BLE & Cell
- Sense Network -LoRa
- Wired – LAN & USB

Casing:
- USB access
- SD Featherwing access
- External LoRa antenna

Control:
- Feather
  - SAMD21 Cortex-M0
  - LoRa
  - Power (3.3/5/Bat/Slr)

Power:
- USB
- Battery (IC charge, Feather ldo)
- Solar (Separate IC)