**Feather 32u4 Adalogger-**This is Arduino compatible and has a microSD slot and LI rechargeable battery pack slot built it. Uses a 3.7V input so will need to up the voltage for the IR sensor.

**3.3V operational IR sensor for the Feather input.-** <https://www.pololu.com/product/2474>

**3.3V microSD card** <https://www.pololu.com/product/2597>

**3.3V Sharp sensor** uses 33mA of current <https://www.pololu.com/product/2476>

**3.3V TOF sensor** uses 10mA of power <https://www.pololu.com/product/2490>