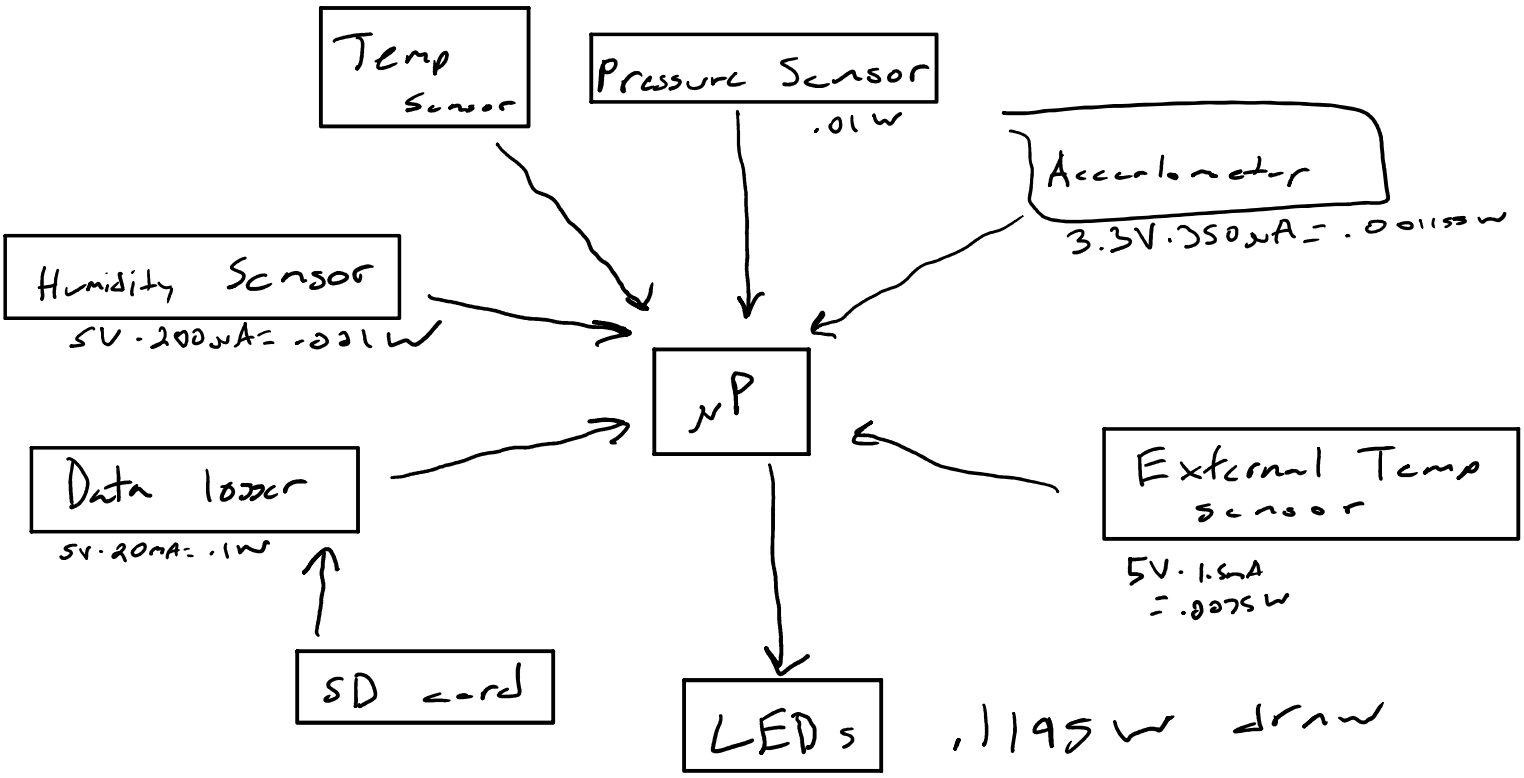
Current Design

Friday, February 28, 2025 9:51 AM



https://www.digikey.com/ordering/shoppingcart
$142.11

Humidity sensor out of stock

New parts:
Humidity Sensor, Temp Sensor, Pressure Sensor: I2C, SPI
https://www.digikey.com/en/products/detail/adafruit-industries-llc/2652/5604372
1mA
5g
IC datasheet:
https://cdn-shop.adafruit.com/product-files/2652/2652.pdf

Accelerometer: I2C, SPI
https://www.digikey.com/en/products/detail/adafruit-industries-llc/4097/9951931
.2mA
7 grams

Data Logger:
https://www.digikey.com/en/products/detail/sparkfun-electronics/DEV-13955/11570518
18 grams

External temp sensor -40 to 125 C w/ 10k resistor
https://www.digikey.com/en/products/detail/murata-electronics/NXRT15XH103FA1B030/3788625
2.5mW @ room temp
Arduino
48 grams

Shield 50 g

Total = .10646