

PIR SENSOR

BLACK -> GND
RED -> VIN (4.7-6VDC)
YELLOW -> D2

needs more than 3v3 to operate

5mm Neopixel Pinout

1: Data IN [LEFT] (short)
2: +V (short)
3: GND (long)
4: Data OUT [RIGHT] (long)

chain output from 4 to input 1 on next neopixel

TEMPERATURE SENSOR

LEFT -> 3V3
MIDDLE -> A0
RIGHT -> GND

PHOTOCELL

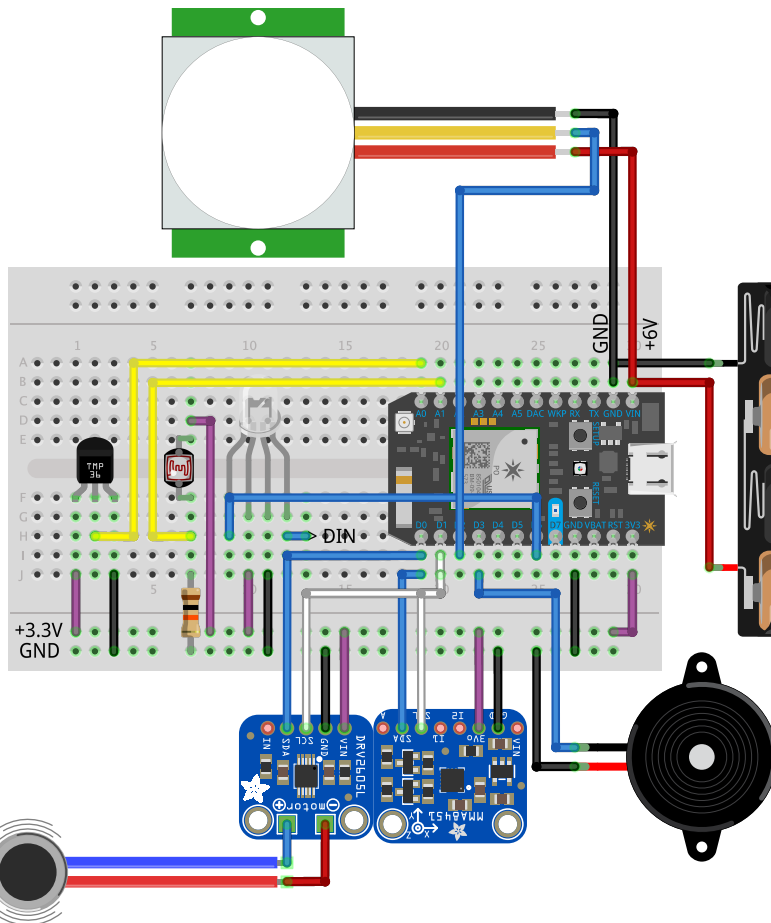
A1

VIBE MOTOR

No polarity

BATTERY HOLDER

RED -> VIN
BLACK -> GND



HAPTIC DRIVER

SDA -> D0
SCL -> D1
GND -> GND
VIN -> 3V3

ACCELEROMETER

SDA -> D0
SCL -> D1
GND -> GND
VIN -> 3V3

PIEZO BUZZER

D3

On the Photon, P1 and Electron, this function works on pins D0, D1, D2, D3, A4, A5, WKP, RX and TX with a caveat: Tone timer peripheral is duplicated on two pins (A5/D2) and (A4/D3) for 7 total independent Tone outputs. For example: Tone may be used on A5 while D2 is used as a GPIO, or D2 for Tone while A5 is used as an analog input. However A5 and D2 cannot be used as independent Tone outputs at the same time.