## Arduino to Headers Shield

Lafe Spietz

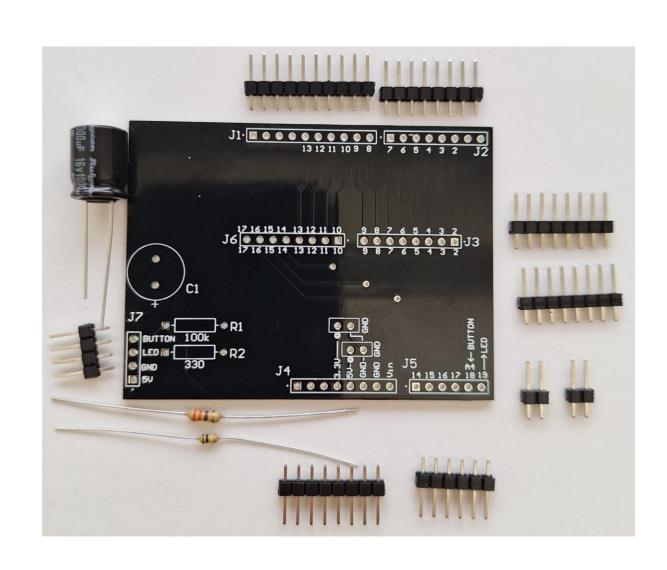
**NIST** 

Summer 2024

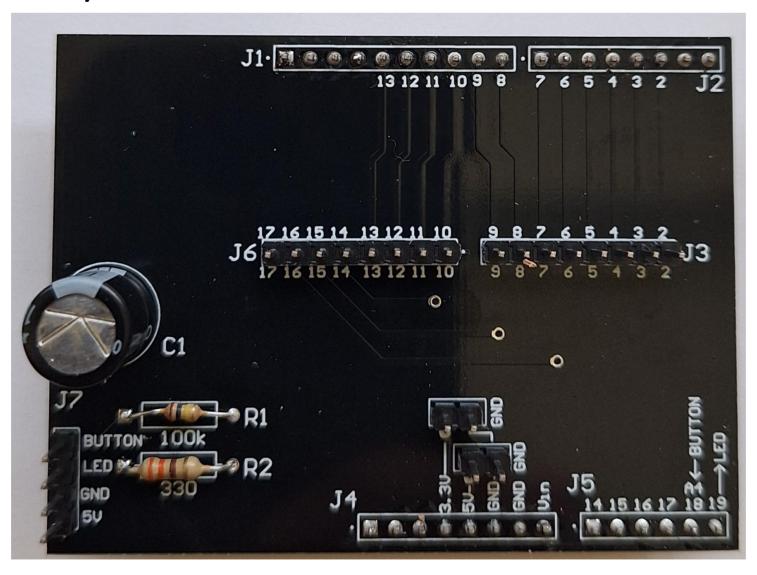
#### Bill of Materials

- PCB Arduino-to-headers-shield
- 0.1" Header strips
- 100 kOhm axial resistor
- 330 ohm axial resistor
- 1000 uF electrolytic capacitor with greater than 6 V max
- 2, 4 and 8 pin 0.1 inch female to female header cables, 6" long
- Soldering iron and solder
- An Arduino UNO is useful in assembly for holding pins in place during soldering

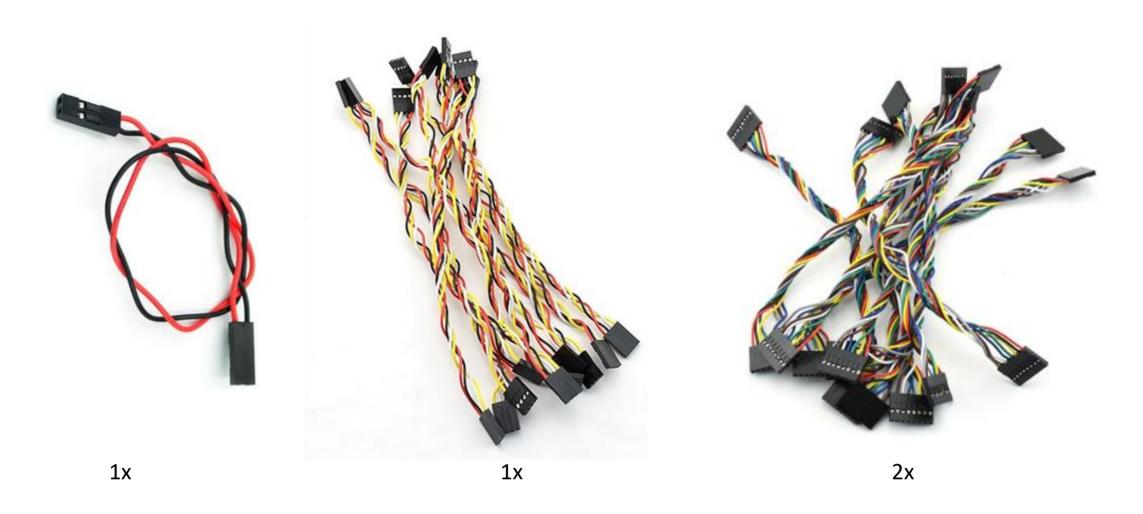
#### Kit



### Assembly



#### 0.1" Header Cables: 2,4 and 8 pin, 6" long



# Assembly with cables

