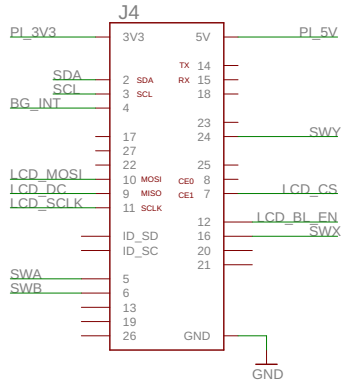
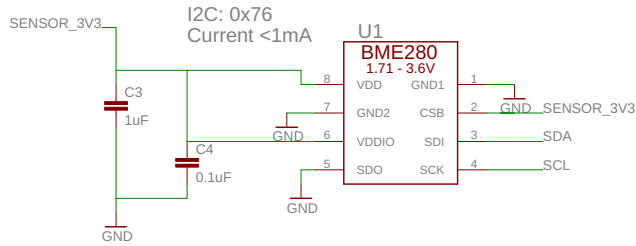


# Weather HAT (PIM585)

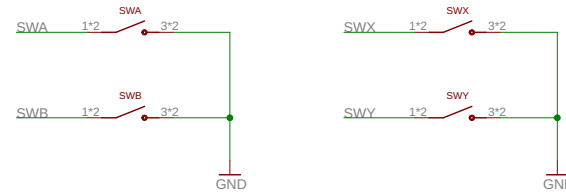
## Pi GPIO connector



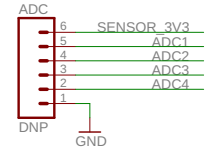
## BME280 Temperature + Humidity + Pressure Sensor



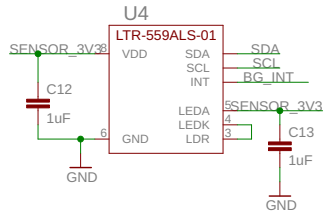
## Switches



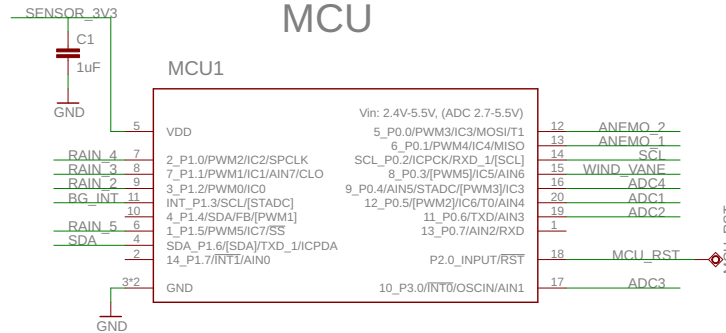
## ADC header



## LTR-559 digital light sensor

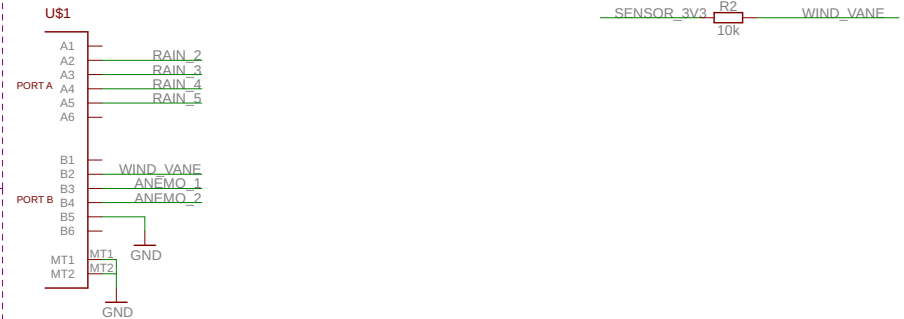


## MCU



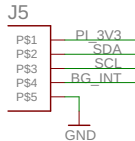
## Weather sensor connections

Rain gauge outputs a reed-switch-short per bucket-tipping  
 Wind direction (vane) sensor outputs a resistance.  
 Wind speed sensor outputs a reed-switch-short per rotation.

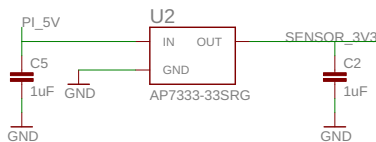


## I2C extension header

### Breakout Garden Pinout



## 5V -> 3V3 LDO Regulator for sensors



# Weather HAT (PIM585)

1.54" 240x240 LCD with backlight driver

