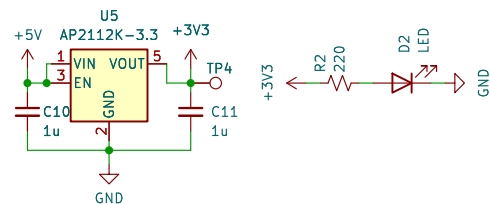
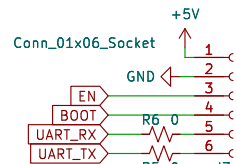


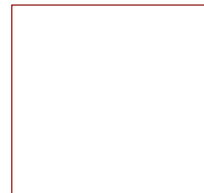
PSUs (3.3v and 1.8v)



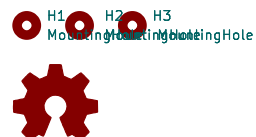
## Programming Header



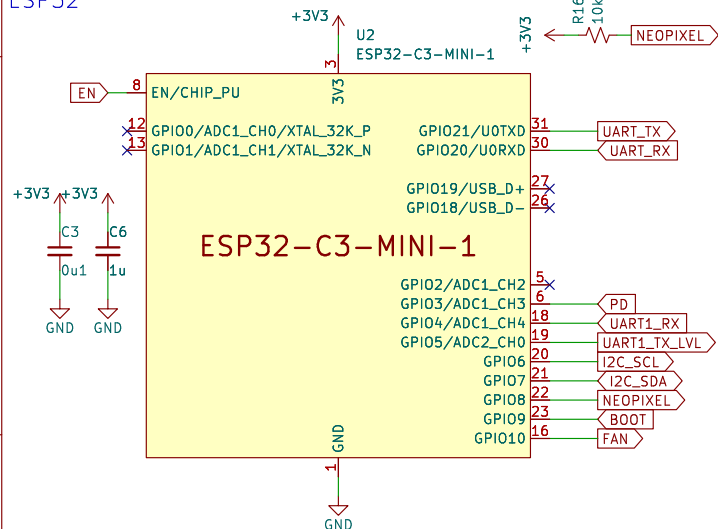
## Sensors



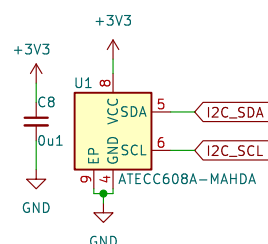
File: sensors.kicad\_sch



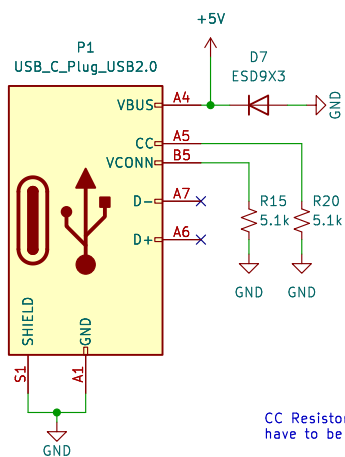
## ESP32



## TPM

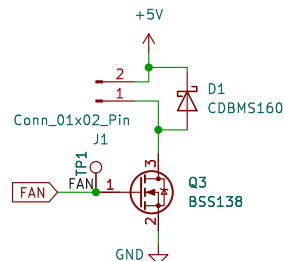


## USB and ESD

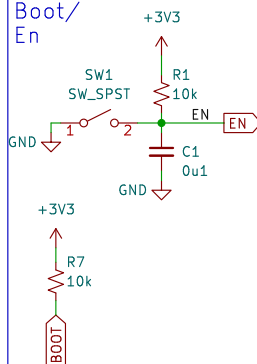


CC Resistor might  
have to be 10.2k

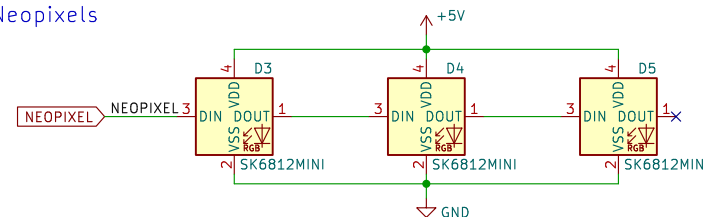
## Fan



## Boo



## Neopixels



Sheet: /  
File: room\_environment\_monitor.kicad\_sch

**Title:**

Size: A4

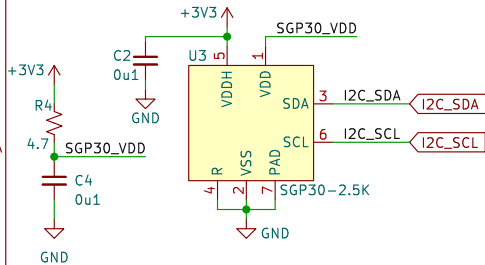
Date:

|              |             |
|--------------|-------------|
| KiCad E.D.A. | kiCad 7.0.7 |
|--------------|-------------|

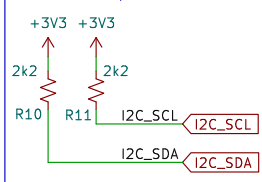
Rev:

Id: 1/2

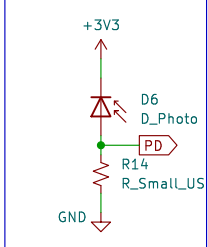
### SGP30/SGP40 eCO2 VOC Sensor



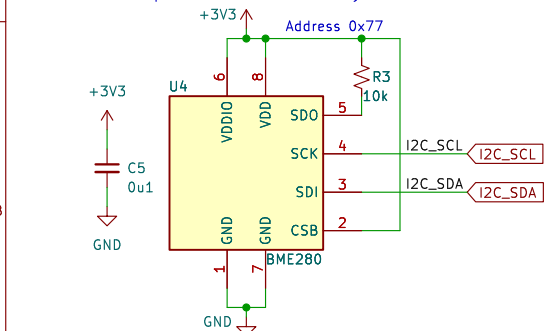
### I2C Pullups



### Photo Diode

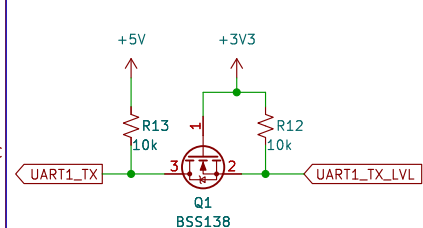


### BME280 Temperature, Humidity

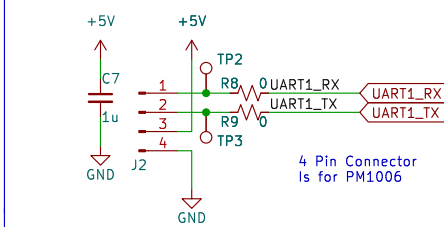


### PM1006 Level Shifter

For room reasons I only level shifted the TX signal so it can meet the 4.5V TTL Level of the sensor.



### PM1006 Connector



Sheet: /Sensors/  
File: sensors.kicad\_sch

### Title:

Size: A4  
KiCad E.D.A. kicad 7.0.7

Date:

Rev:

Id: 2/2