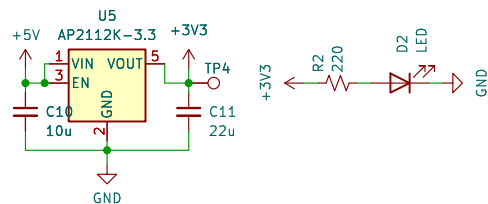
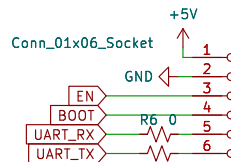


PSUs (3.3v and 1.8v)



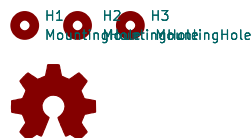
Programming Header



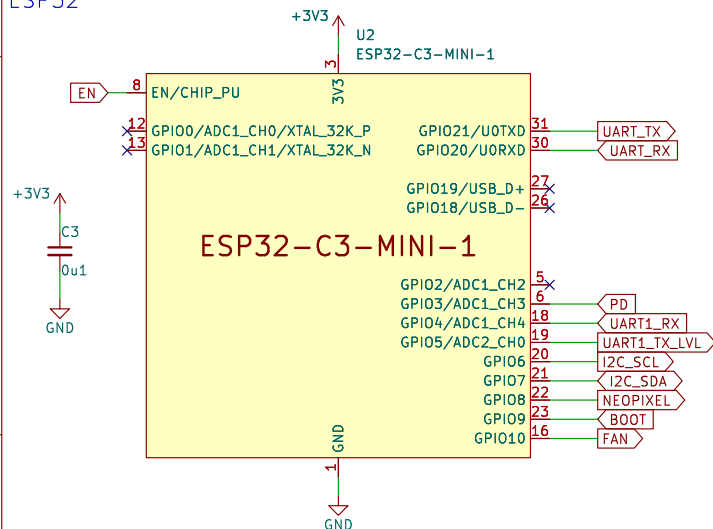
Sensors



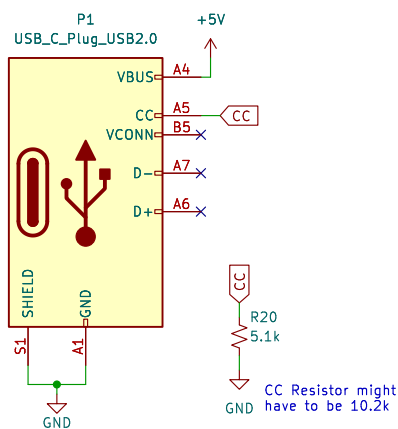
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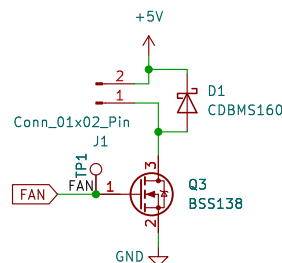
ESP32



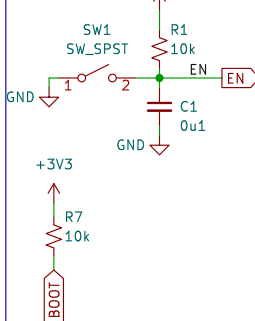
USB and ESD



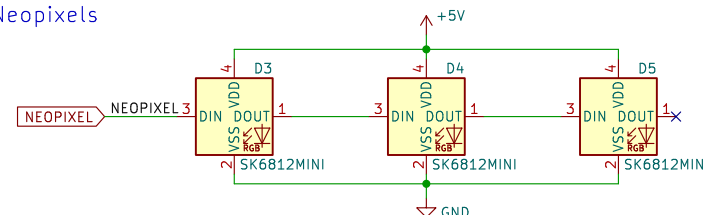
Fan



Boot/En



Neopixels



Sheet: /
File: room_environment_monitor.kicad_sch

Title:

Size: A4

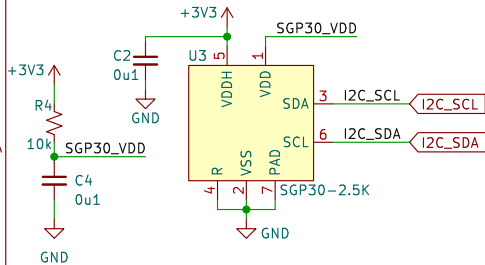
Date:

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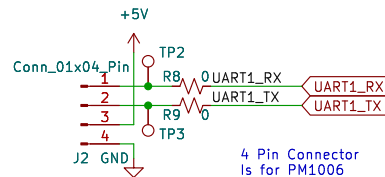
Rev:

Id: 1/2

SGP30/SGP40 eCO2 VOC Sensor



PM1006 Connector



I2C Pullups

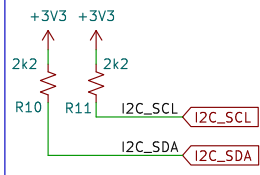
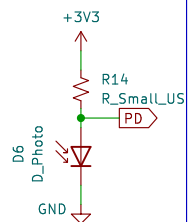
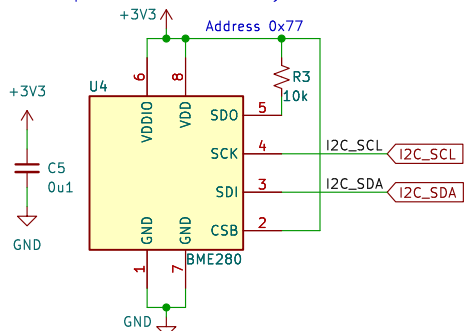


Photo Diode

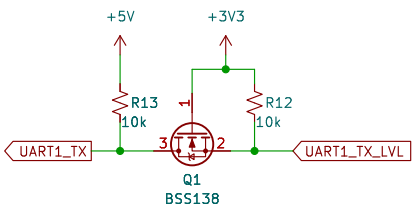


BME280 Temperature, Humidity



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.



Sheet: /Sensors/
File: sensors.kicad_sch

Title:

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

Date:

Rev:

Id: 2/2