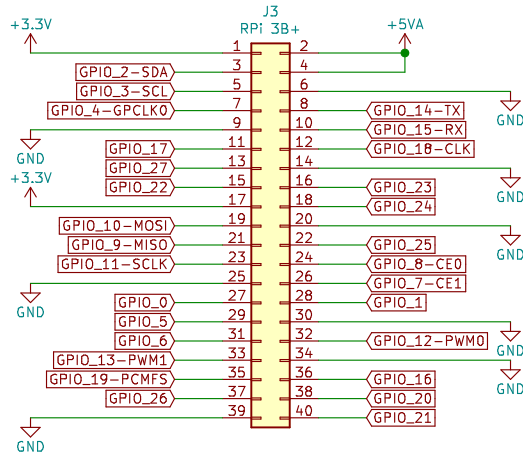
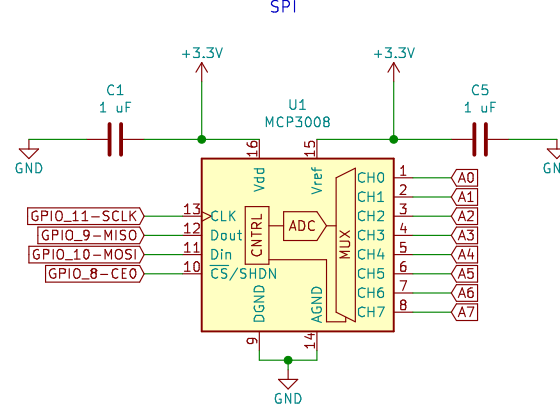


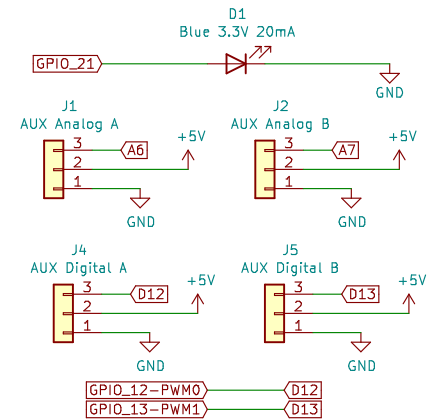
RPI Interface



Analog to Digital Converter (ADC)

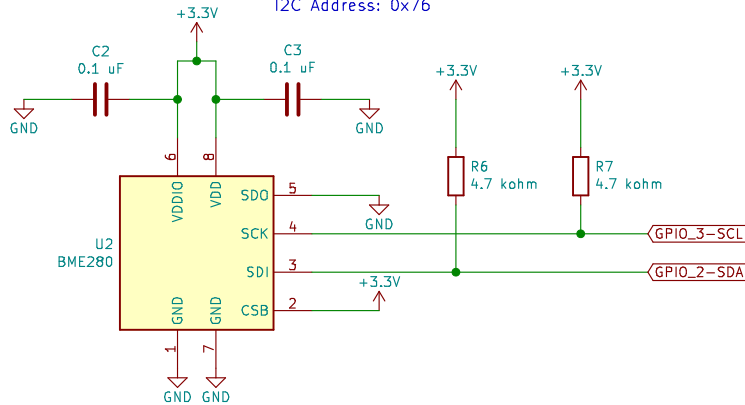


Auxiliary



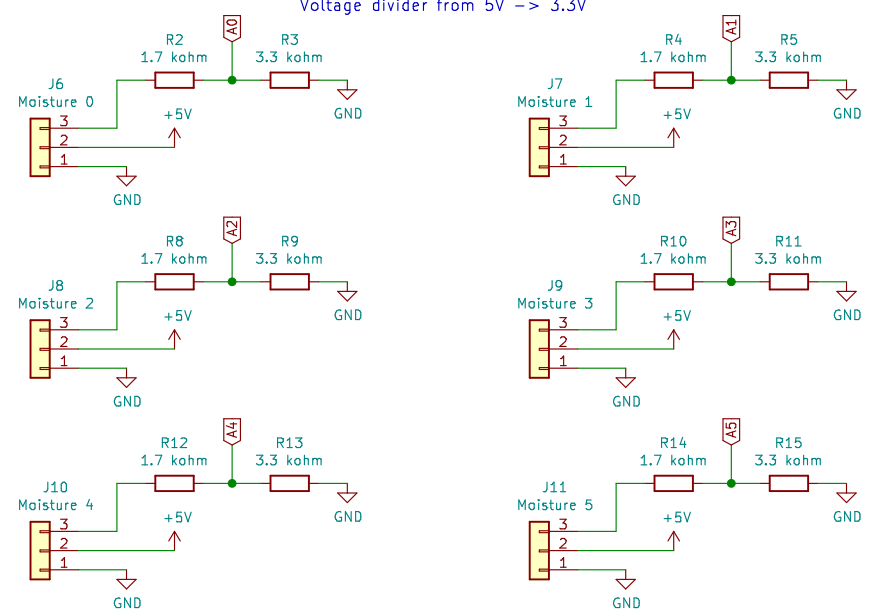
Pressure, Humidity, and Temperature

I2C Address: 0x76



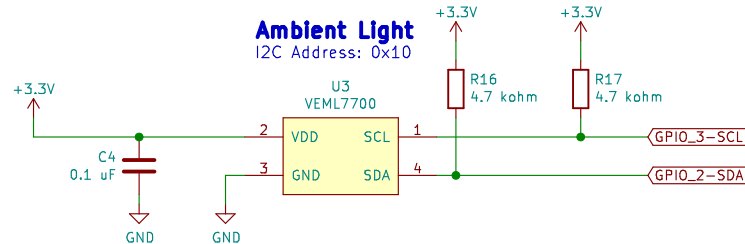
Soil Moisture Sensors

Voltage divider from 5V -> 3.3V

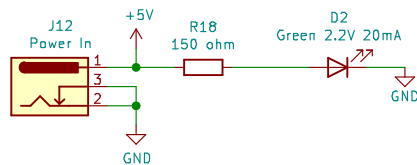


Ambient Light

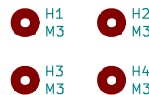
I2C Address: 0x10



Power In



Mounting Holes



Resistors should be 1/10W 5%
Capacitors should be ceramic 16V 10% X7R

Mark Sherstan

Sheet: /

File: Motherboard.sch

Title: Blodome RPI Interface Motherboard

Size: USLetter Date: 2020-12-29

KiCad E.D.A. eeschema 5.1.9-73d0e3b20d88ubuntu20.04.1

Rev: A

Id: 1/1