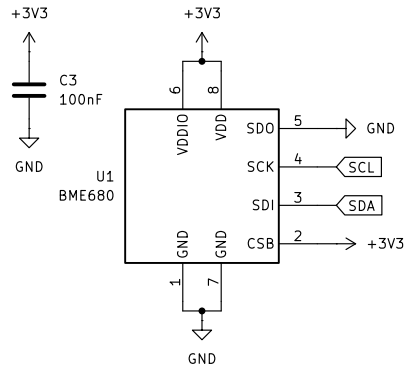


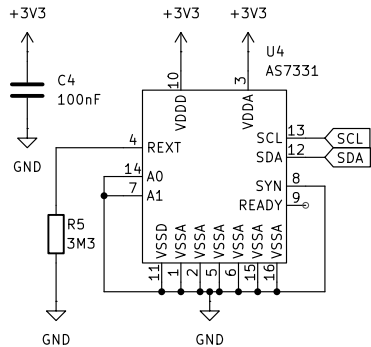
Temperature/Humidity/Pressure/Gas sensor

Bosch BME680
Address: 0x76



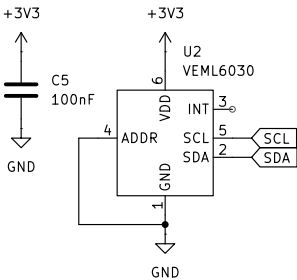
Spectral UV sensor (UVA/B/C)

Osram AS7331
Address: 0x74



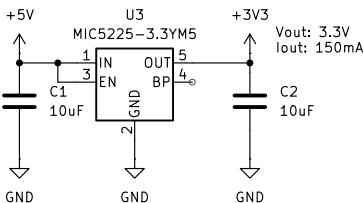
Ambient light sensor

Vishay VEML6030
Address: 0x10

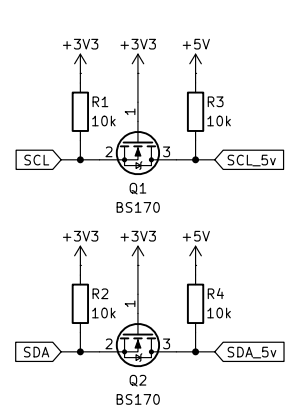


3.3V Power supply

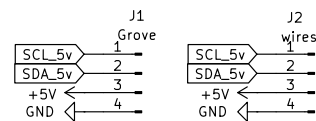
Microchip MIC5225-3.3YM5



I2C bus level shifter



Connector



Freya - Vivarium Control System

Sensor Rev.: 1.0

by Sanne 'SpuQ' Santens, late 2024

Sheet: /
File: Freya-sensor.kicad_sch

Title:

Size: A4

Date:

Rev: 1.0

KiCad E.D.A. 8.0.7

Id: 1/1