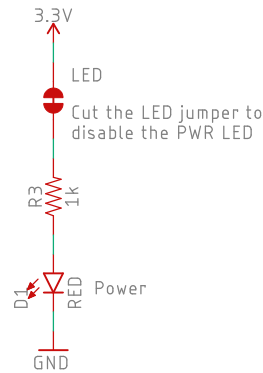
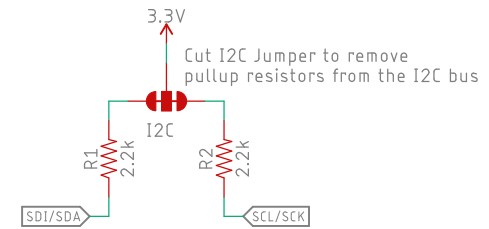


LED

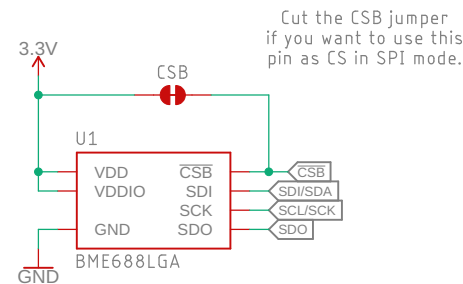
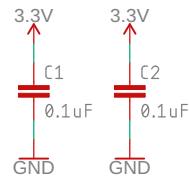


I2C Pull-Up

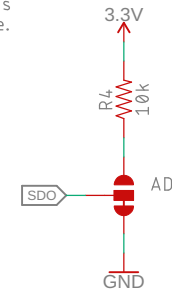


BME688 Gas Sensor

NOTE: This circuitry defaults to I2C communication (address 0x76). If you wish to communicate over SPI, please cut the CSB jumper AND the ADR jumper. Then use the SDO, SDI, SCK, and CSB holes on the board edge.



Vdd range: 1.71 to 3.6V
Vddio range: 1.2 to 3.6V
Current consumption: 3.9 mA in standard gas scan mode

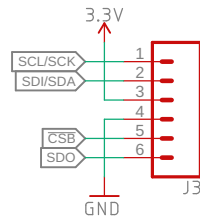
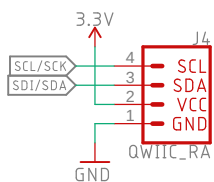
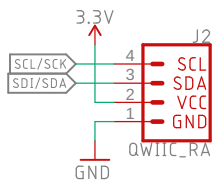


Default, 7-bit unshifted I2C address: 0x76

Cut this jumper and connect to Vddio for I2C address: 0x77

Cut this jumper and leave SDO unconnected for SPI operation!

Connectors



Jumper setup for Interface
Default: I2C

CSB	SDA	SCL	ADR	Interface
1	1	1	1 or 0	I2C
float	1	1	float	SPI



Special Instructions

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TITLE: Qwiic_BME688

Design by: Priyanka Makin

REV:
v10

Date: 4/7/2022 11:21 AM

Sheet: 1/1