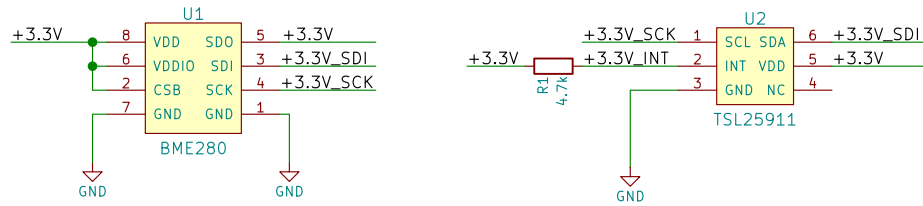
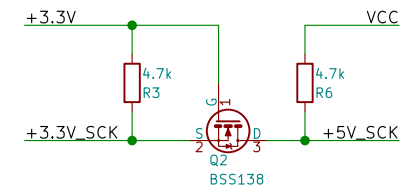
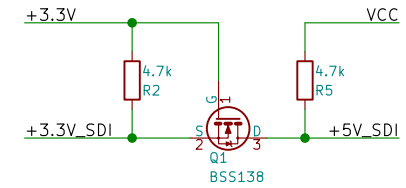


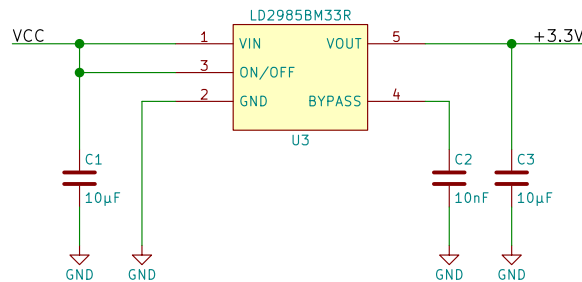
SENSORS



BIDIRECTIONAL LOGIC LEVEL CONVERTER



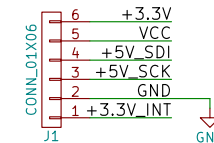
VOLTAGE REGULATOR



NOTES

1. TSL25911 Light Sensor can only use the I2C bus (Adress 0x29).
2. BME280 Weather Sensor is hard-wired to use the I2C bus (0x77).
3. SPI Communication for the BME280 is not available on this board.
4. Interrupt signal from TSL25911 is routed directly to INT pin.
5. Power Supply can operate with 3.3V or 5V on VCC Pin.
6. Board compatible with 5V boards (Arduino UNO) and 3.3V boards (Arduino DUE).
7. Mounting Holes (2.4mm) are designed for M2 Screws (ISO metric).
8. Have Fun!

HEADER



BlueDot

Sheet: /
File: BME280+TSL2591_V1.sch

Title: BME280 + TSL2591 Precision Weather Station

Size: A4 Date: 2017-04-08

Rev: 1.00

KiCad E.D.A. kicad 4.0.6

Id: 1/1