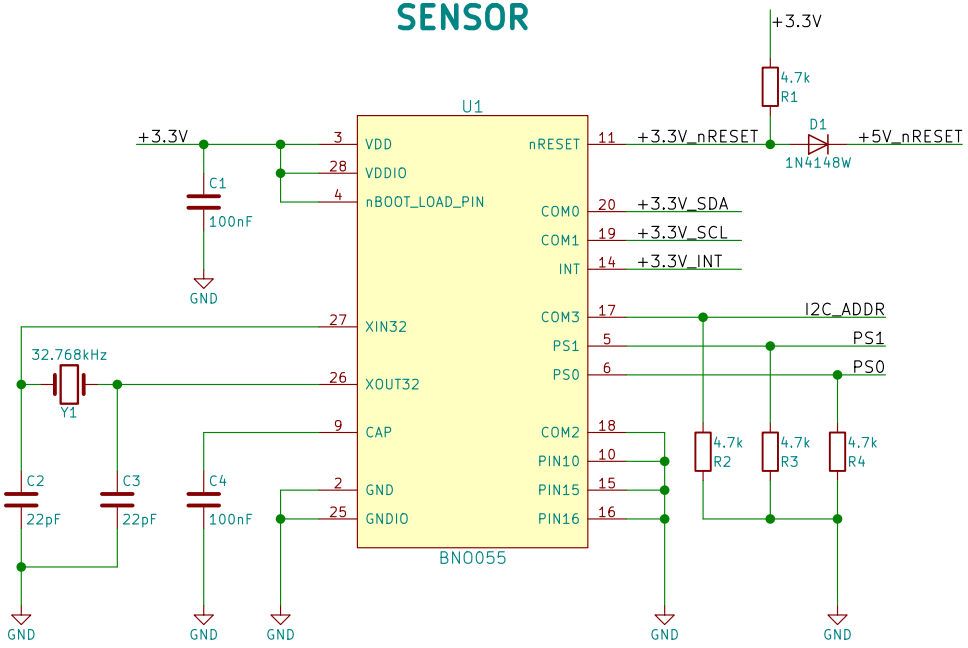
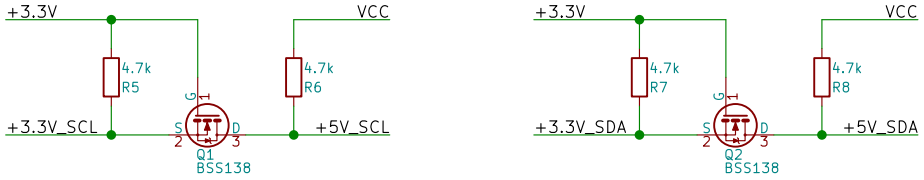
SENSOR



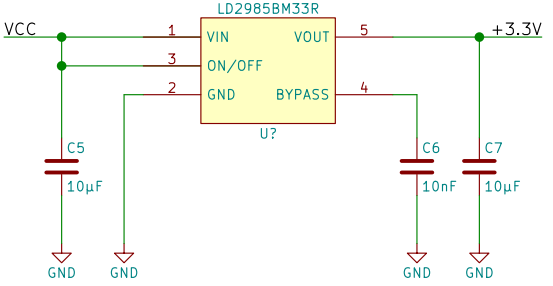
NOTES

1. Power Supply works with 3.3V and 5V on VCC Pin
2. For Default I2C Address (0x28), leave ADR Pin unconnected.
3. For Alternative I2C Address (0x29), connect ADR Pin to 3.3V.
4. Sensor is hardwired to use only the I2C communication.
5. Interrupt Pin can be programmed to trigger when a certain event occur, like slow changes in motion, high-g movements, sudden angular rate changes, etc.
6. 3V3 Pin is connected to output from voltage regulator. It can deliver a total of 150mA for the board and any load you connect to it. Just to keep it safe, avoid taking more than 50mA from this pin.
7. Pins PS0 and PS1 are used to enable the HID protocol (Human Interface Device). Leave unconnected for I2C mode.
8. Apply a LOW signal on RST pin to trigger a power-on reset.
9. Mouting Holes (2.4mm) are designed for M2 Screws.
10. Have Fun!

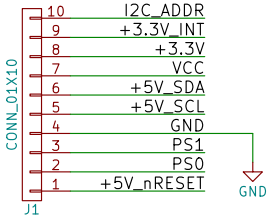
BIDIRECTIONAL LOGIC LEVEL CONVERTER



VOLTAGE REGULATOR



HEADER



BlueDot

Sheet: /
File: BNO055_V1.sch

Title: BNO055 Absolute Orientation Sensor

Size: A4	Date: 2017-06-07	**Rev: 1.00**
KiCad E.D.A. kicad 4.0.6		Id: 1/1