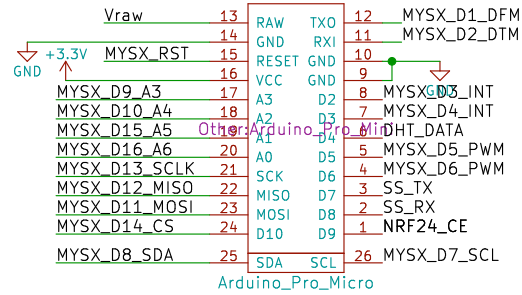
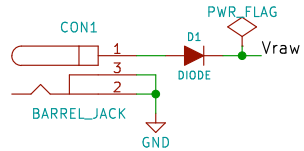
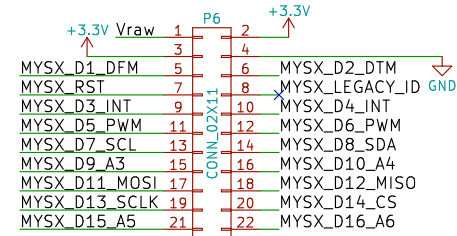


Power input
PMS7003 requires 5V
otherwise MCP16301 can handle 4–30V



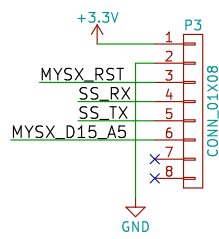
Arduino Pro Mini 3V3/8MHz



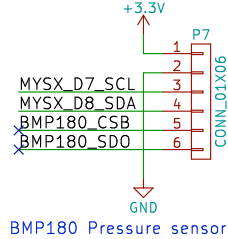
Mysensors MYX 2.6 Connector



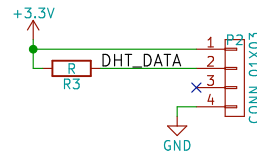
Mechanical



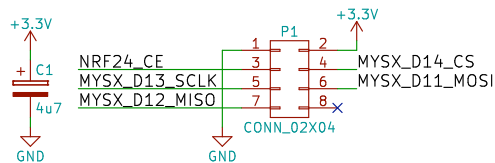
PMS7003 connector



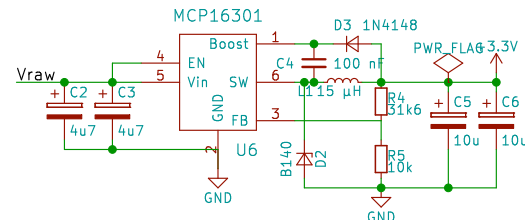
BMP180 Pressure sensor



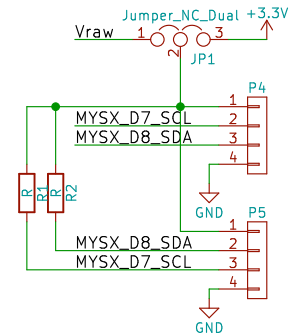
DHT-22 Temperature/humidity sensor



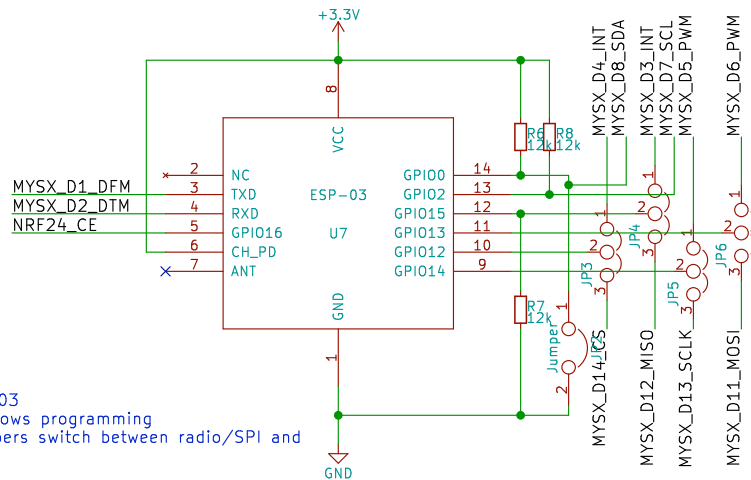
NRF24L01+ Connector
Pin 1 should be innermost pin on the board
C1 should be close to connector



Switch mode power supply



Generic I2C connectors



ESP266-03
Jumper allows programming
Solderjumpers switch between radio/SPI and
general IO

Pythsoft

Sheet: /
File: MYS-PMS7003.sch

Title: Mysensors I/O board

Size: A4 Date: 22/05/2017
KiCad E.D.A. kicad 4.0.5

Rev: 1
Id: 1/1