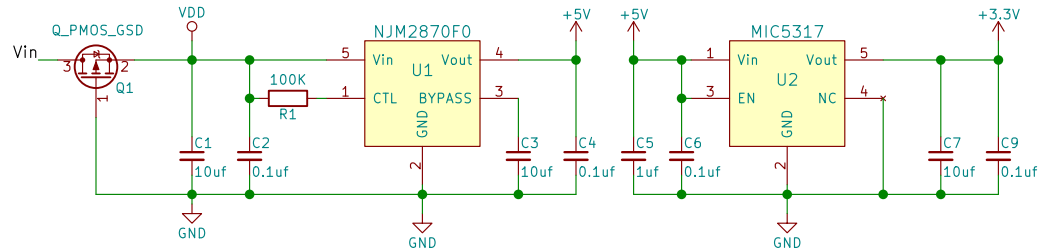
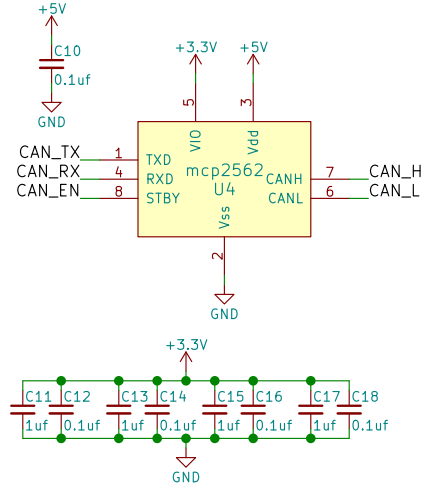
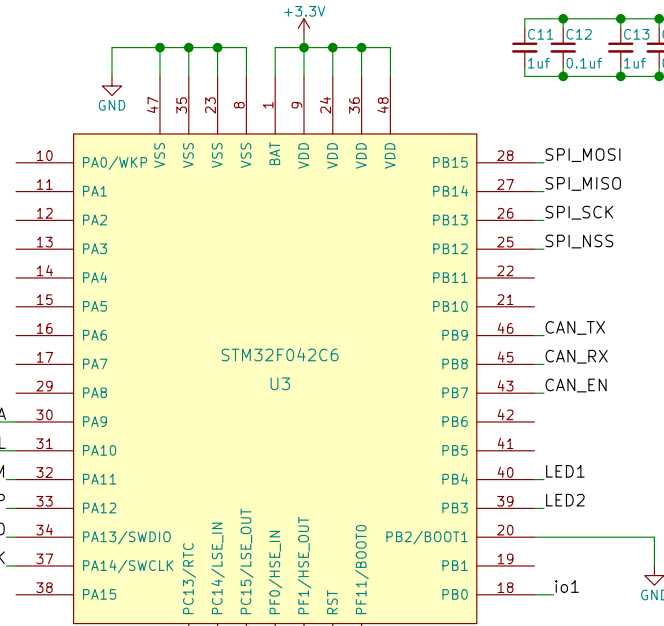
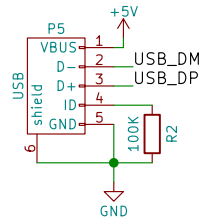
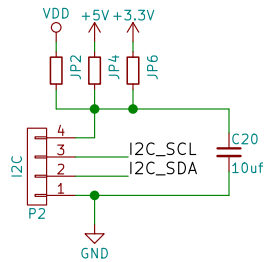
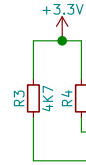
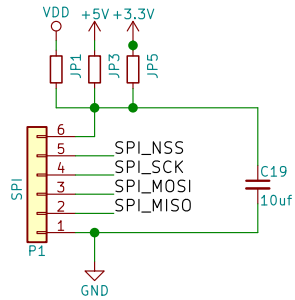


Q1 is a P-Channel Mossfet acting as an ideal diode.

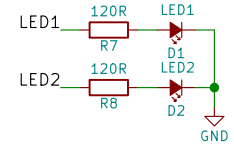
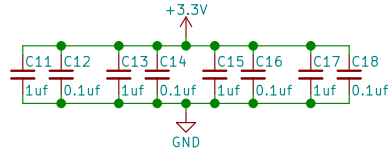
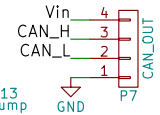
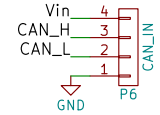


The IO pins for the SPI and I2C ports are 5v tolerant.

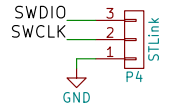
The correct voltage to power the connected device needs to be selected with a OR jumper. No two jumpers should be populated at the same time.



CAN_OUT is a pass through connector for CAN.



On Chip Debugging connector.
Use a stm32 Discovery board, or a STLinkv2 board.



Samuel Ellicott
Cedarville University
Sheet: /
File: can_sensor.sch

Title: I2C/SPI CAN Adapter

Size: USLetter Date: 2017-06-12
KiCad E.D.A. kicad 4.0.7

Rev: 2.0
Id: 1/1