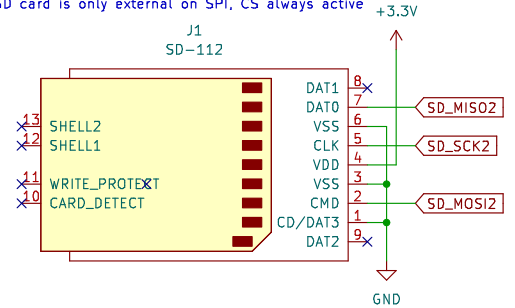
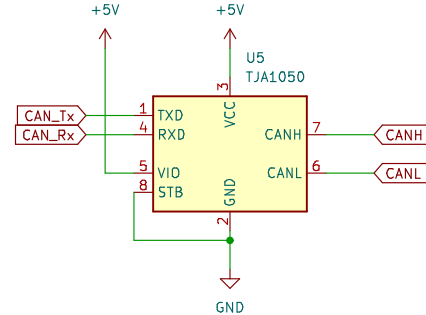


SD Card

SD card is only external on SPI, CS always active

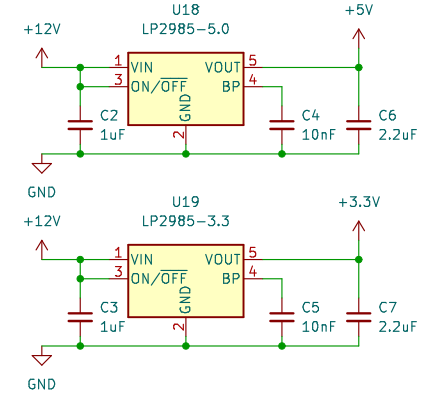


CAN Transceiver



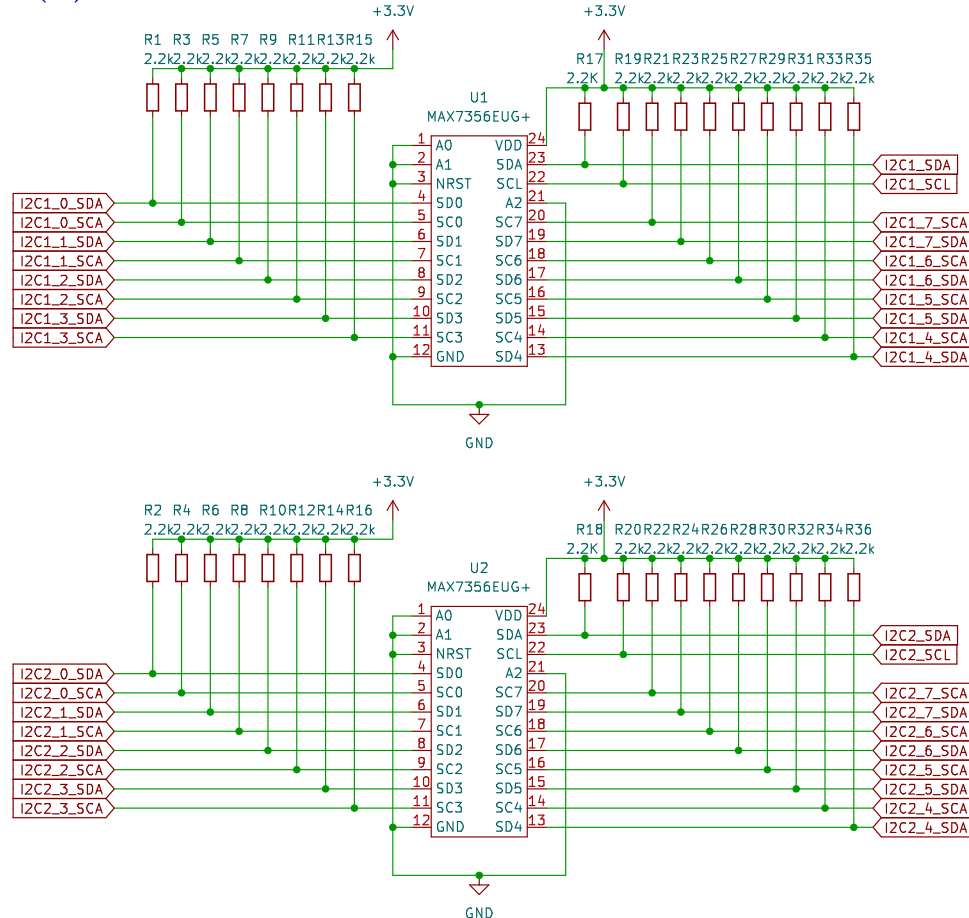
Power Regulators

Each supply 150mA

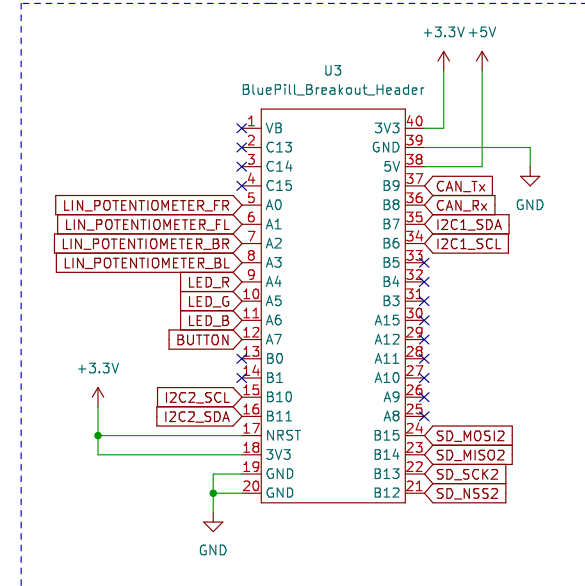


I2C Multiplexer

I2C Address: (7bit) 0x70



BluePill Breakout Header



FSAE Concordia

Sheet: /

File: aero_sensors.kicad_sch

Title: Aero Sensors Component Main Boards

Size: A4

Date: 2022-07-02

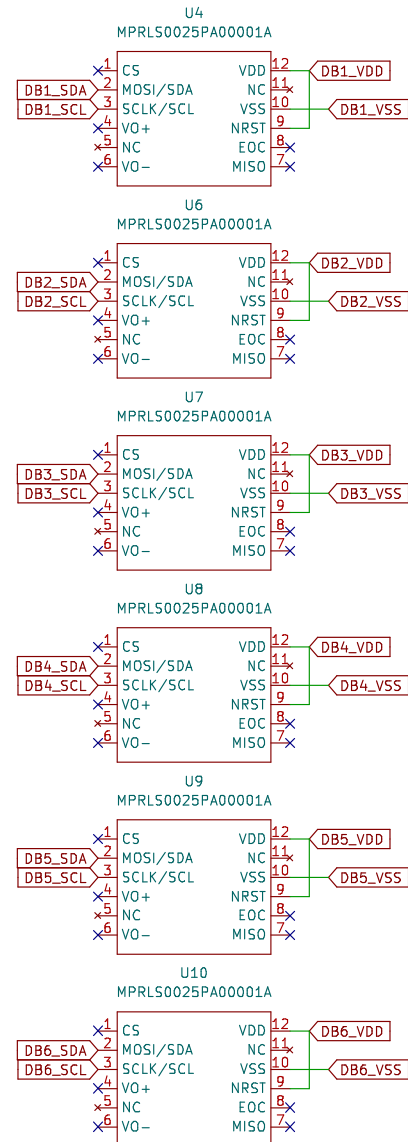
KiCad E.D.A. kicad 6.0.2

Rev: 0

Id: 1/3

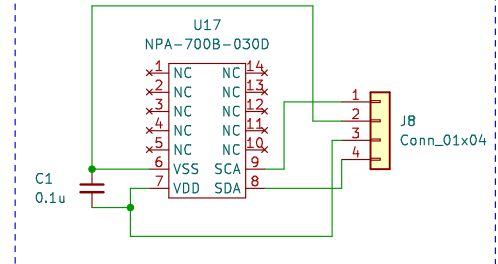
Gauge Pressure Daughter Boards

I2C Address: (7bit) 0x18

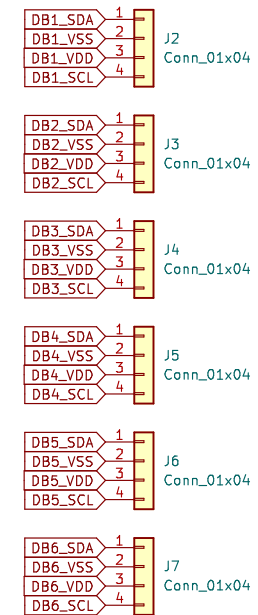


Air Speed Daughter Board

I2C Address: (7bit) 0x28



Daughter Boards Connectors



FSAE Concordia

Sheet: /Daughter Boards/

File: Daughter_Boards.kicad_sch

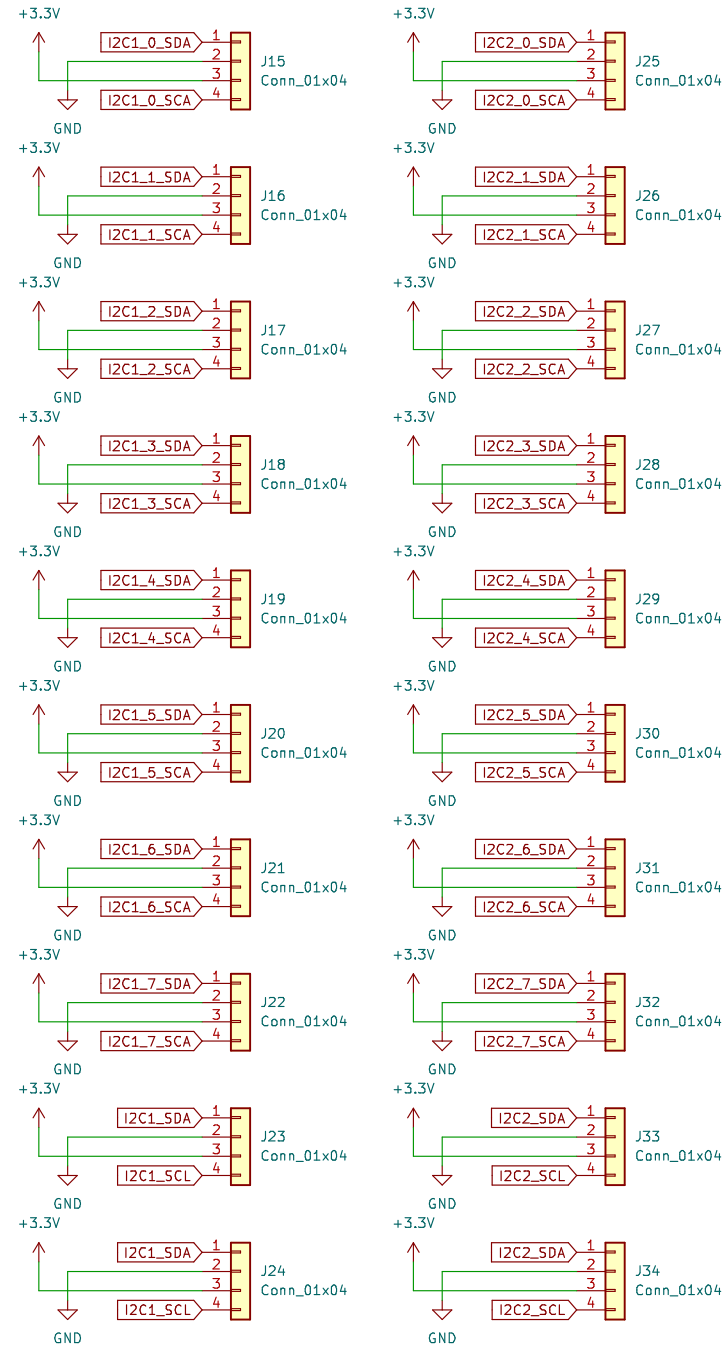
Title: Aero Sensors Component Daughter Boards

Size: A4 Date: 2022-07-02

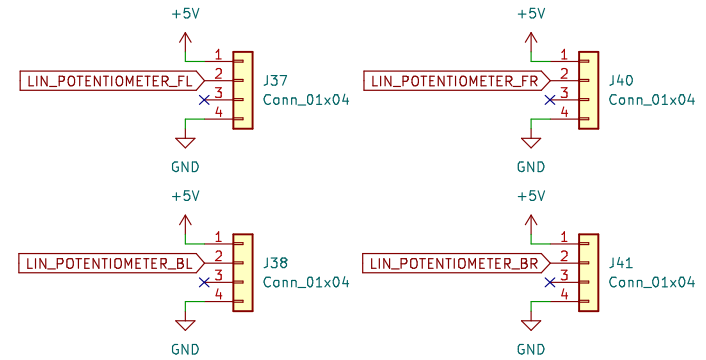
KiCad E.D.A. kicad 6.0.2

Rev: 0

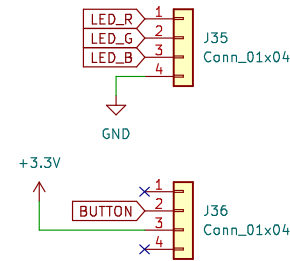
Id: 2/3



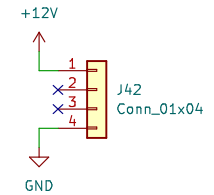
Linear Potentiometers



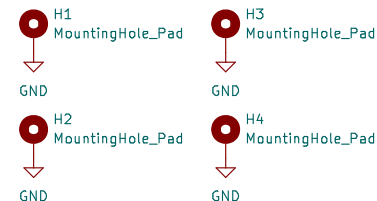
Driver Input and Status Light



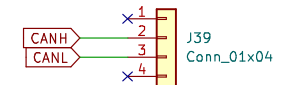
Power Connector



Mounting Holes



CAN Bus



FSAE Concordia

Sheet: /Connectors/

File: Connectors.kicad_sch

Title: Aero Sensors Component Connectors

Size: A4 Date: 2022-07-02

KiCad E.D.A. kicad 6.0.2

Rev: 0

Id: 3/3