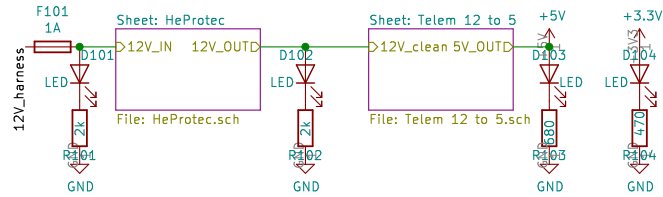
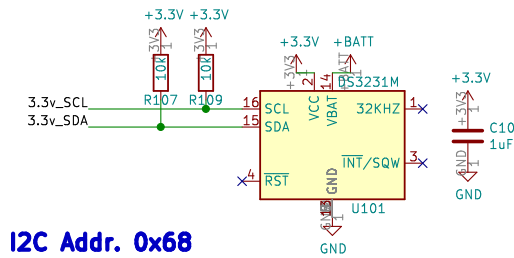


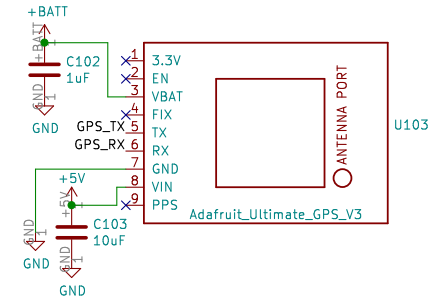
Input Protection and Power Supply



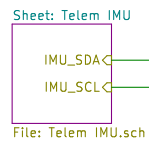
Real Time Clock



GPS Module

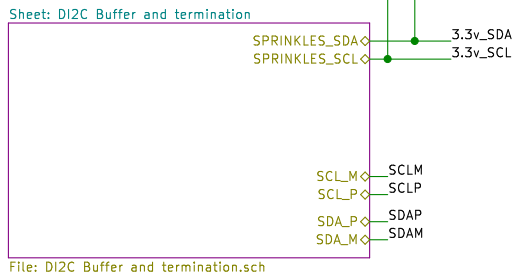


Inertial Measurement Unit

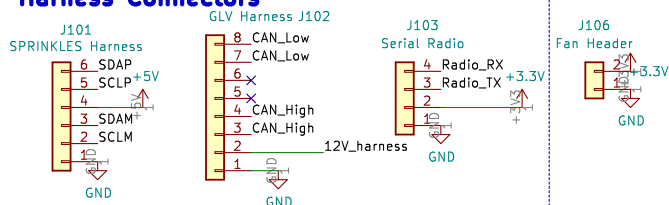


I2C Addr. 0x69

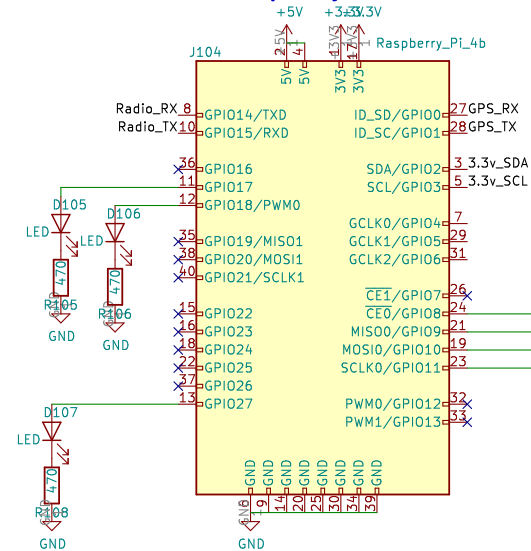
Differential I2C Buffer and Termination



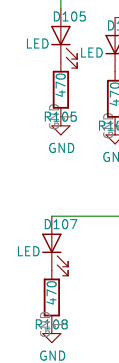
Harness Connectors



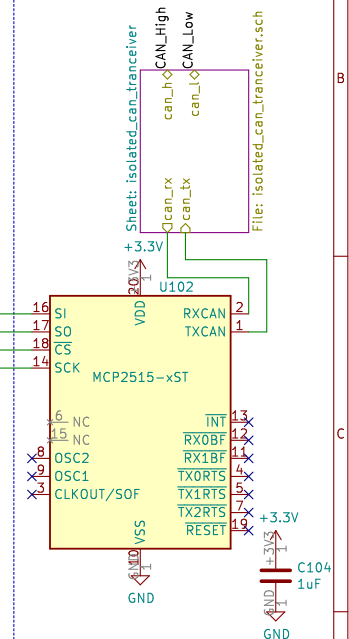
Raspberry Pi 4



Debugging LEDs



CAN Transceiver and Controller



By Kevin Mechler

Longhorn Racing Electric

Sheet: /

File: 20-ELC-3-01-R1 (Telemetry PCB).sch

Title: 20-ELC-3-01 (Telemetry PCB)

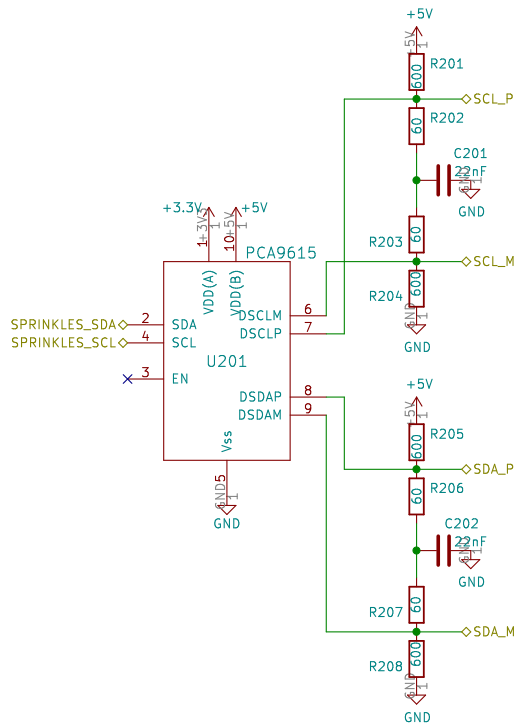
Size: A4

Date:

KiCad E.D.A. kicad (5.1.4)-1

Rev: 1

Id: 1/6



By Kevin Mechler

Longhorn Racing Electric

Sheet: /DI2C Buffer and termination/

File: DI2C Buffer and termination.sch

Title: DI2C Buffer and Termination Circuit

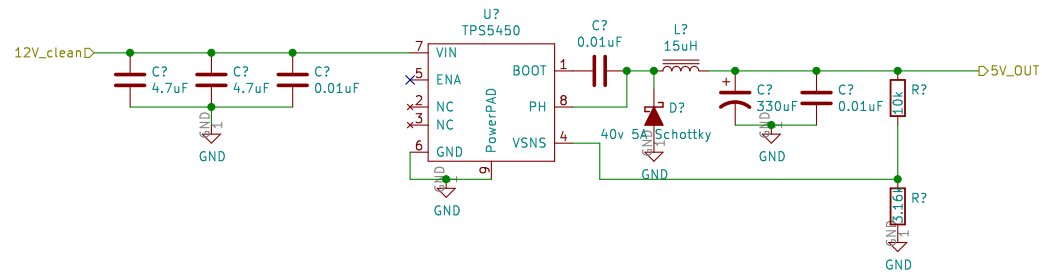
Size: A4

Date:

Rev: 1

KiCad E.D.A. kicad (5.1.4)-1

Id: 2/6



By Kevin Mechler

Longhorn Racing Electric

Sheet: /Telem 12 to 5/

File: Telem 12 to 5.sch

Title: 12 to 5V Switching Voltage Regulator Circuit

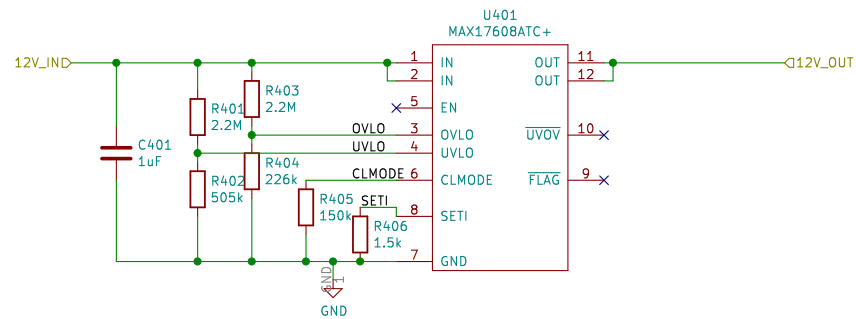
Size: A4

Date:

Rev: 1

KiCad E.D.A. kicad (5.1.4)-1

Id: 3/6



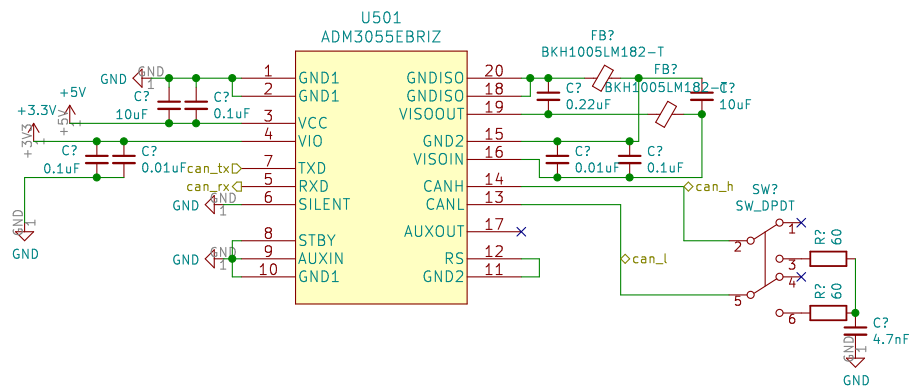
Longhorn Racing Electric

Sheet: /HeProtec/
File: HeProtec.sch

Title: 12V Input Protection Common Circuit

Size: A4 Date:
KICad E.D.A. kicad (5.1.4)-1

Rev: 1
Id: 4/6

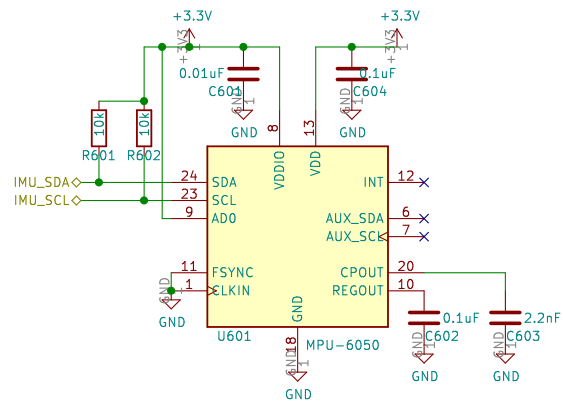


Longhorn Racing Electric

Sheet: /isolated_can_transceiver/
File: isolated_can_transceiver.sch

Title: Can Transceiver Common Circuit

Size: A4	Date:	Rev: 1
KICad E.D.A. kicad (5.1.4)-1		Id: 5/6



By Kevin Mechler

Longhorn Racing Electric

Sheet: /Telem IMU/

File: Telem IMU.sch

Title: Telemetry IMU Circuit

Size: A4

Date:

Rev: 1

KiCad E.D.A. kicad (5.1.4)-1

Id: 6/6