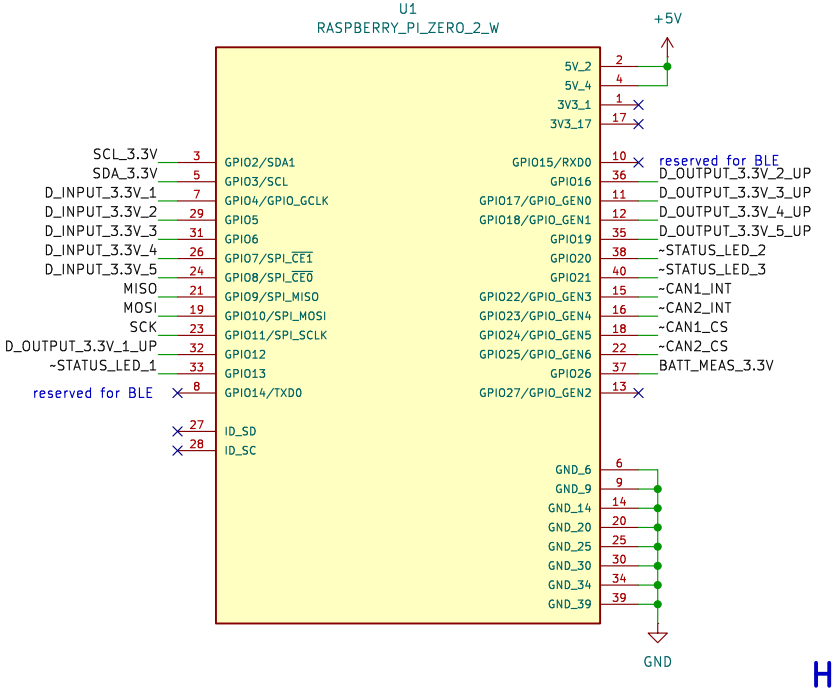
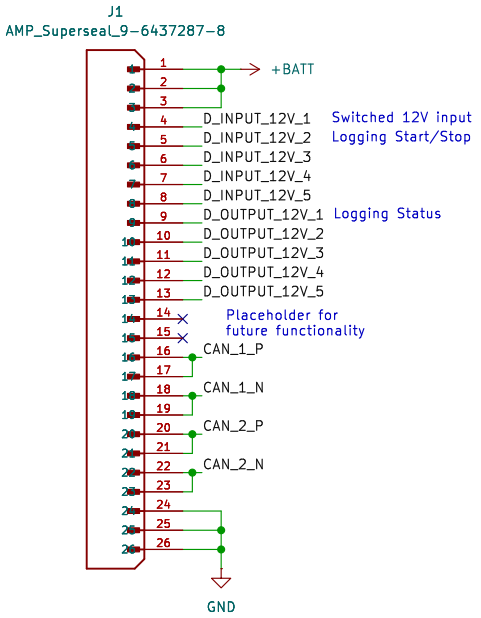
DESIGN REQUIREMENTS:
- Raspberry Pi Mounting
- 5V / 3.3V Power Supply
- Right-angle ECU-style connector
- 2 seperate CAN bus
- Programmable GPIO
- Ancillary sensors for log information:
  - temperature
  - pressure
  - humidity level
  - battery voltage

TODO:
- battery/super capacitor for r/rw protection
- connector & mating part numbers
- pi mounting hardware
- QR code to repository
- silkscreeen info

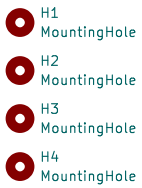
Raspberry Pi Zero 2W



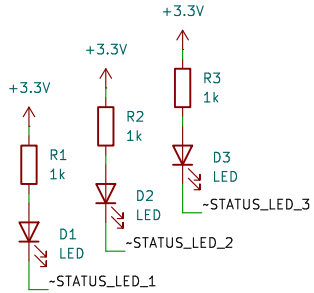
Connector

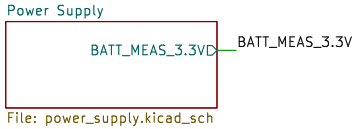


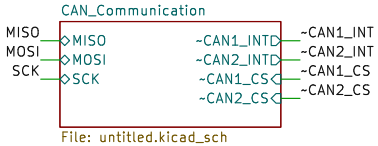
Hardware

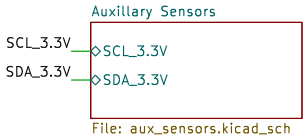


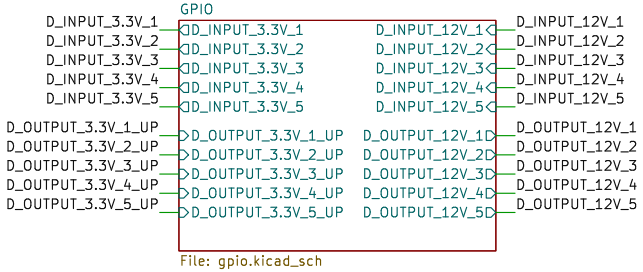
Status LEDs











Brian Glen		
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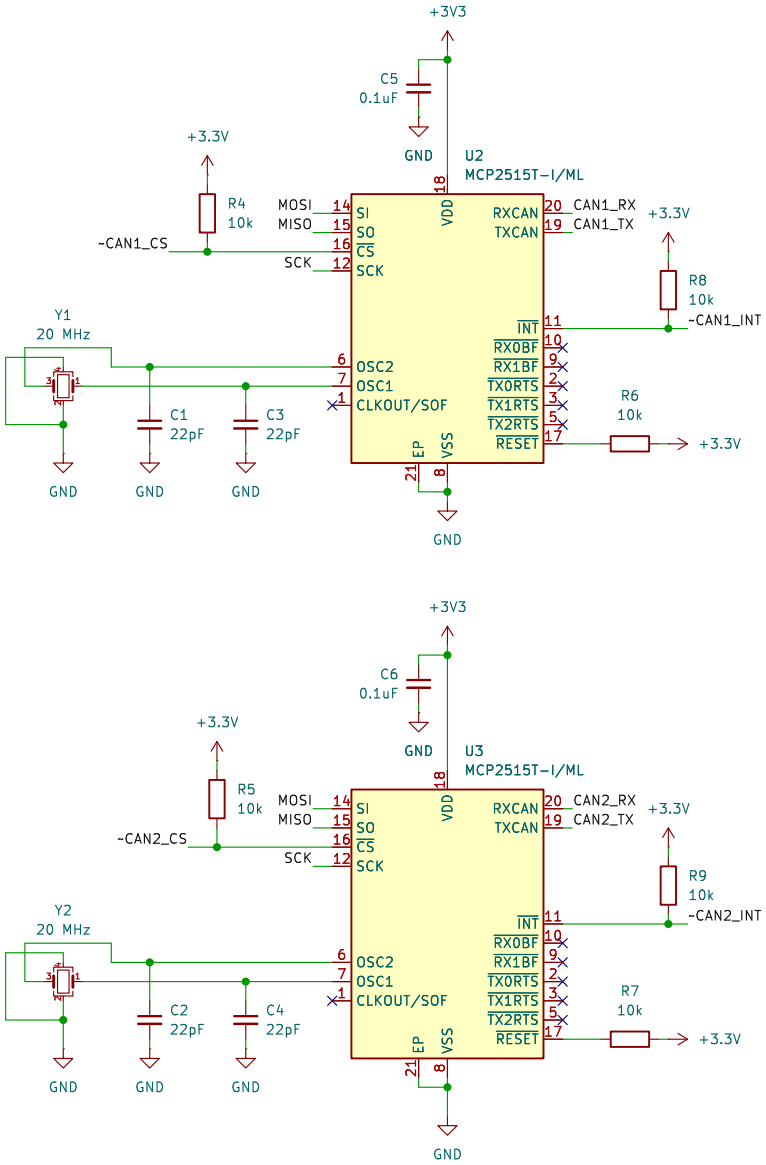
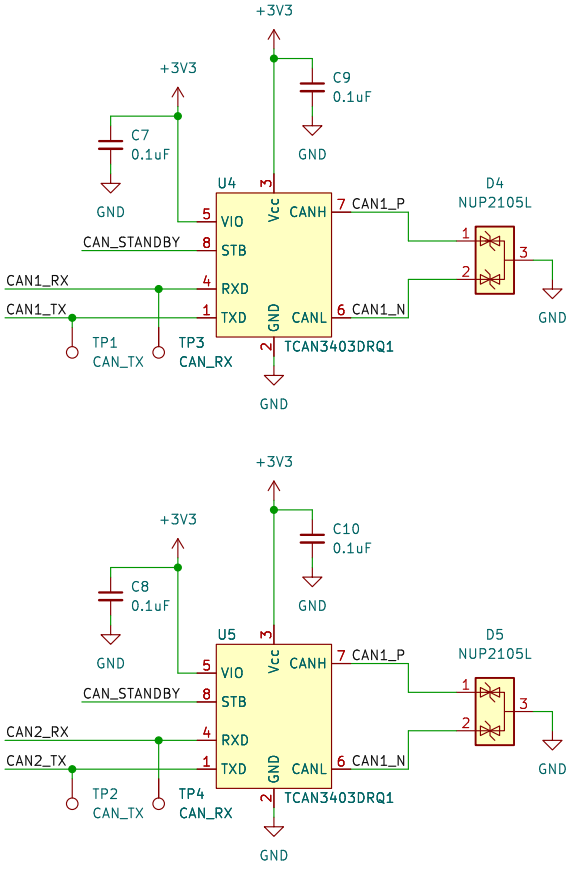
Size: A4	Date: 2025-05-27	**Rev: 1.0**
KiCad E.D.A. 9.0.1		Id: 1/5

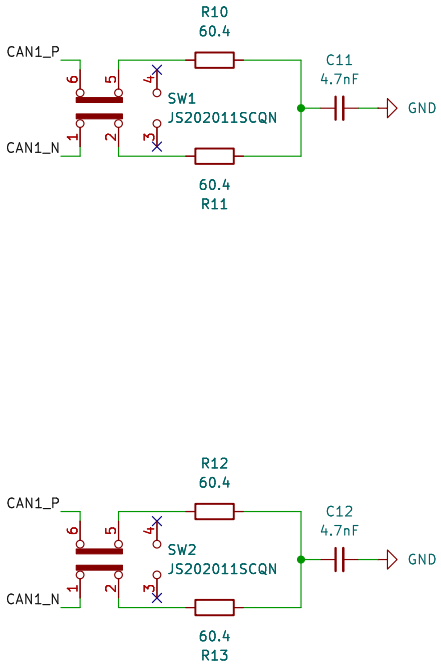
CAN Controller

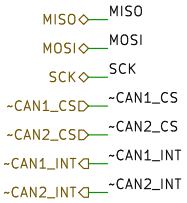


CAN Transceiver



Selectable Termination





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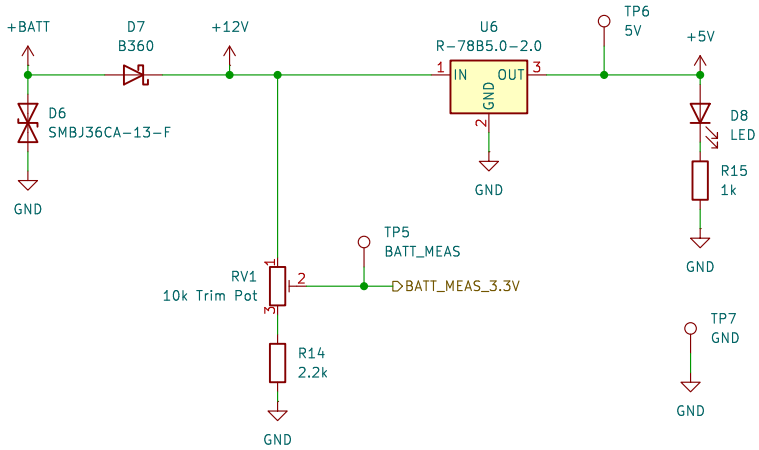
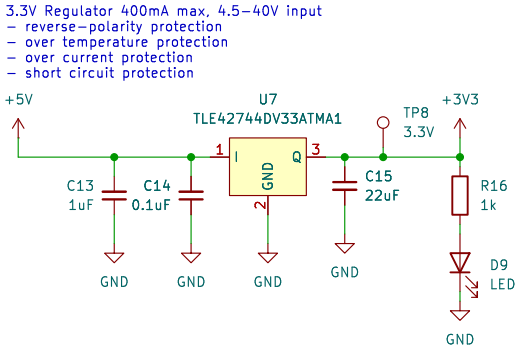
KiCad E.D.A. 9.0.1		Id: 2/5

5V Power Supply



3.3V Regulator



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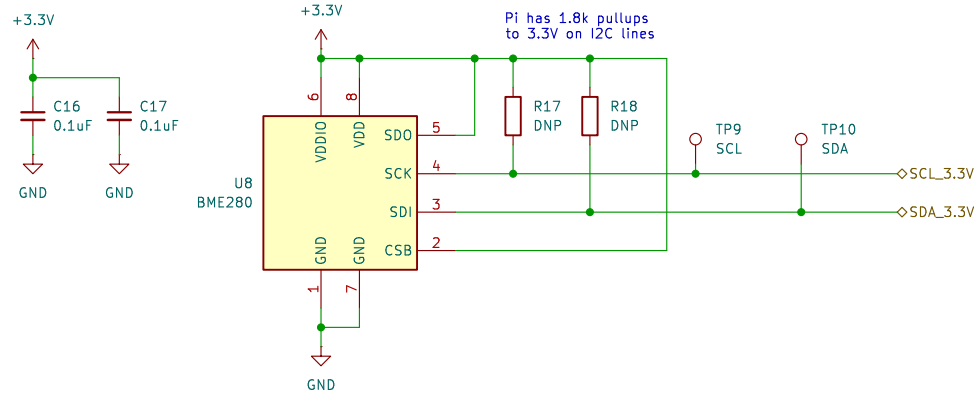
Temp, Humidity, Pressure Sensor



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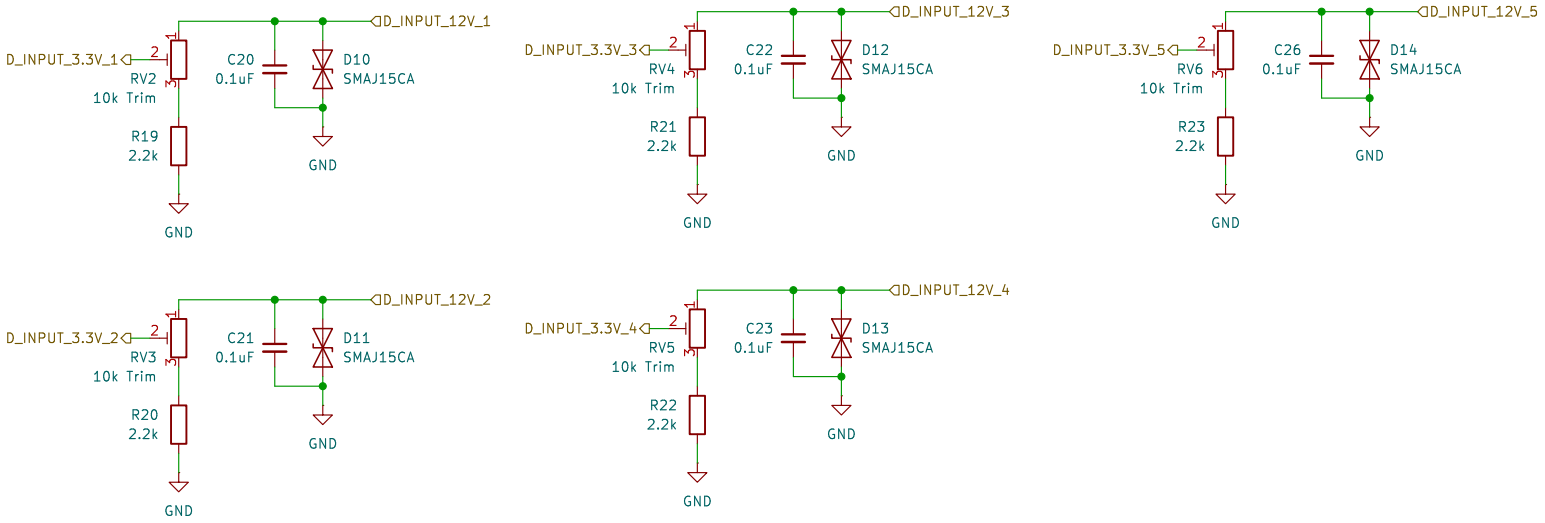
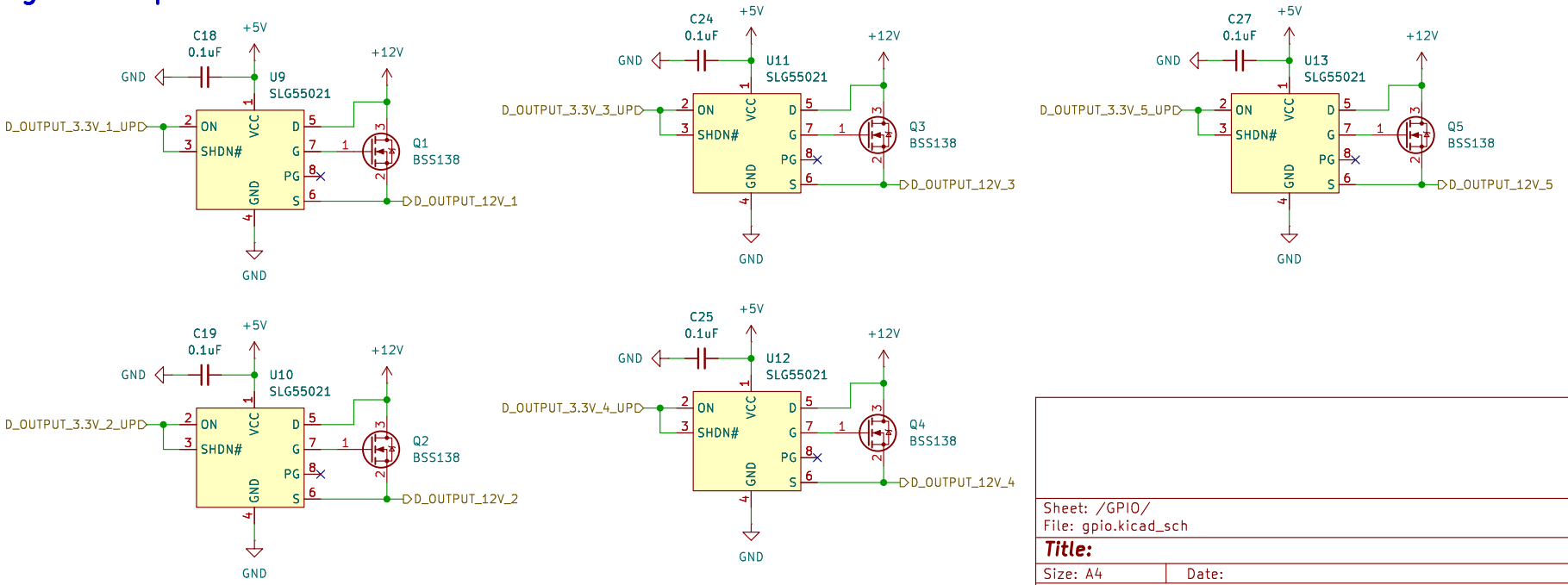
Digital Inputs



Digital Outputs



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