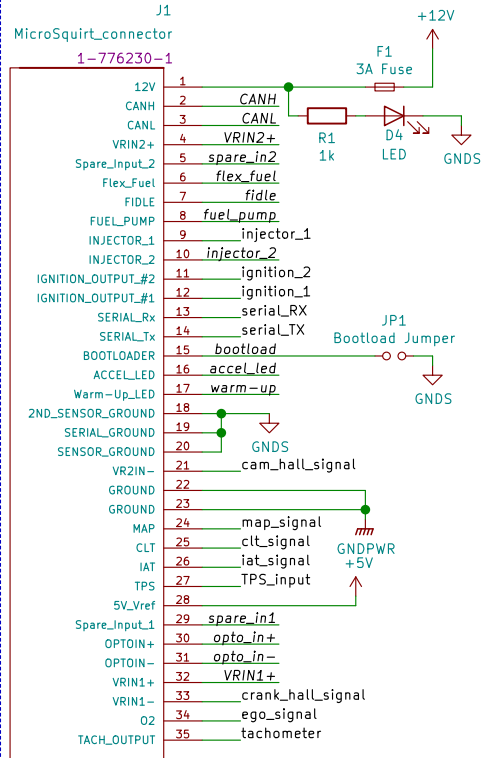


MicroSquirt

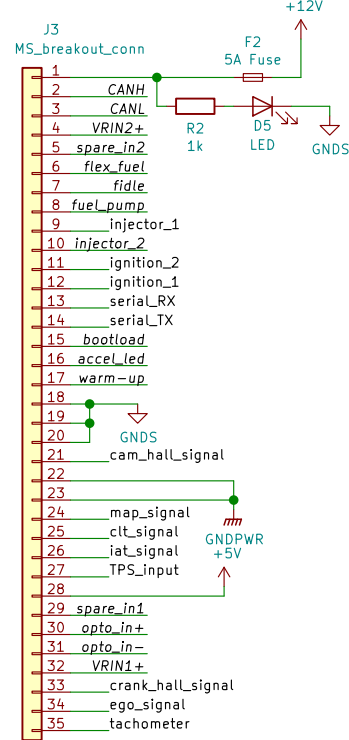
Connector to the MicroSquirt ECU. The Bootload jumper is to allow flashing new firmware. The connector must be wired with the same pinout as the MicroSquirt.

The left oriented labels in *italic* are not actually used, but only utilized to rout the breakout connector.



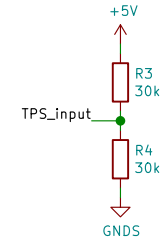
MicroSquirt Breakout

All pins of the Microsquirt are broken out to a more easily accessible connector to allow for future modifications. Fuse dimension should be adjusted according to expected load.



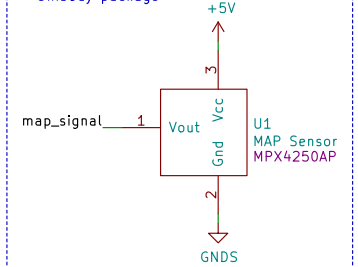
TPS

As Vera does not have a throttle the throttle position sensor input is given a constant input.

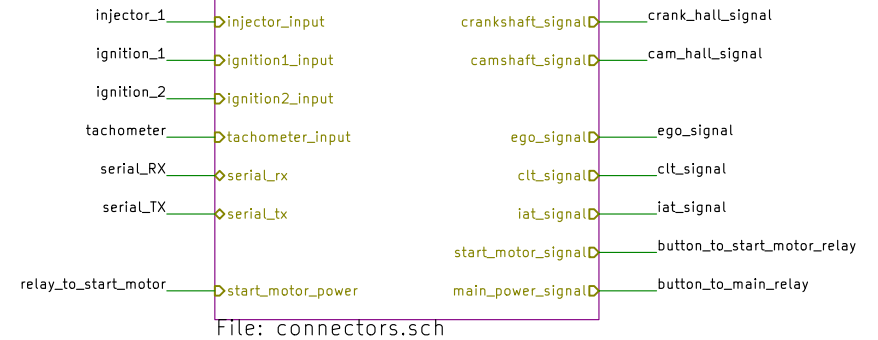


MAP sensor

MAP Sensor Model: NXP MPX4250AP Unibody package

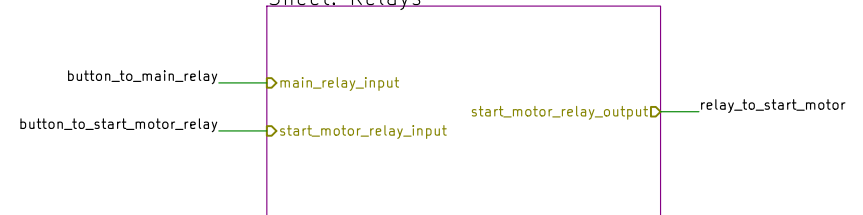


Sheet: Connectors



File: connectors.sch

Sheet: Relays



File: relays.sch

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Chalmers Vera Team

Sheet: /

File: ecu-board.sch

Title: Vera ECU Board

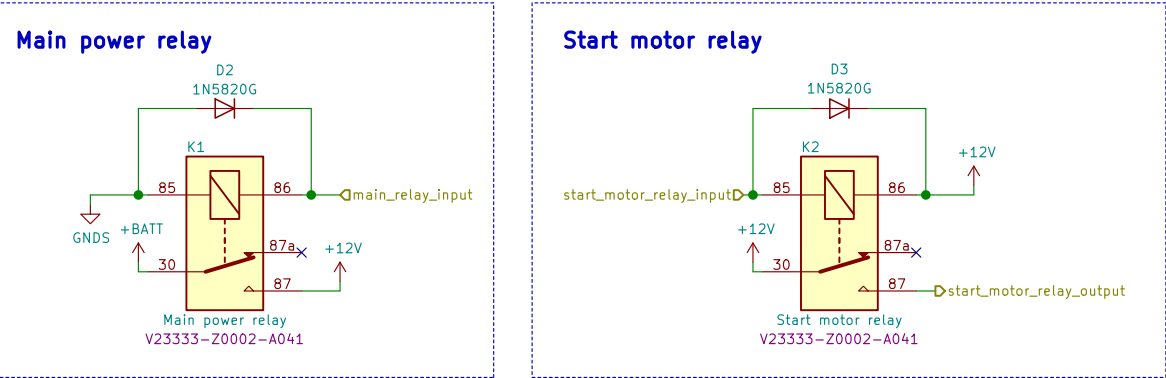
Size: A4 Date: 2019-07-07

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Rev: 0.1

Id: 1/3

Both relays are of type ISO Mini (aka ordinary automotive relay) and must be rated for at least 40 A.



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Chalmers Vera Team
Sheet: /Relays/
File: relays.sch

Title: Vera ECU Board

Size: A4	Date: 2019-07-07	Rev: 0.1
KiCad E.D.A. kicad 5.1.4	Id: 3/3	