

Notes:

Jumpers labeled JP5 and JP6 are crossover wires,nothing more. This was done to ease single sided PCB Prototype testing.

J2 is the TE Connectivity Automotive Grade water resistant connector. The 35 positions will allow for modifications to the board for additional inputs/outputs as this design only uses 27 positions. My samples to test have arrived, <http://www.te.com> Part # s:

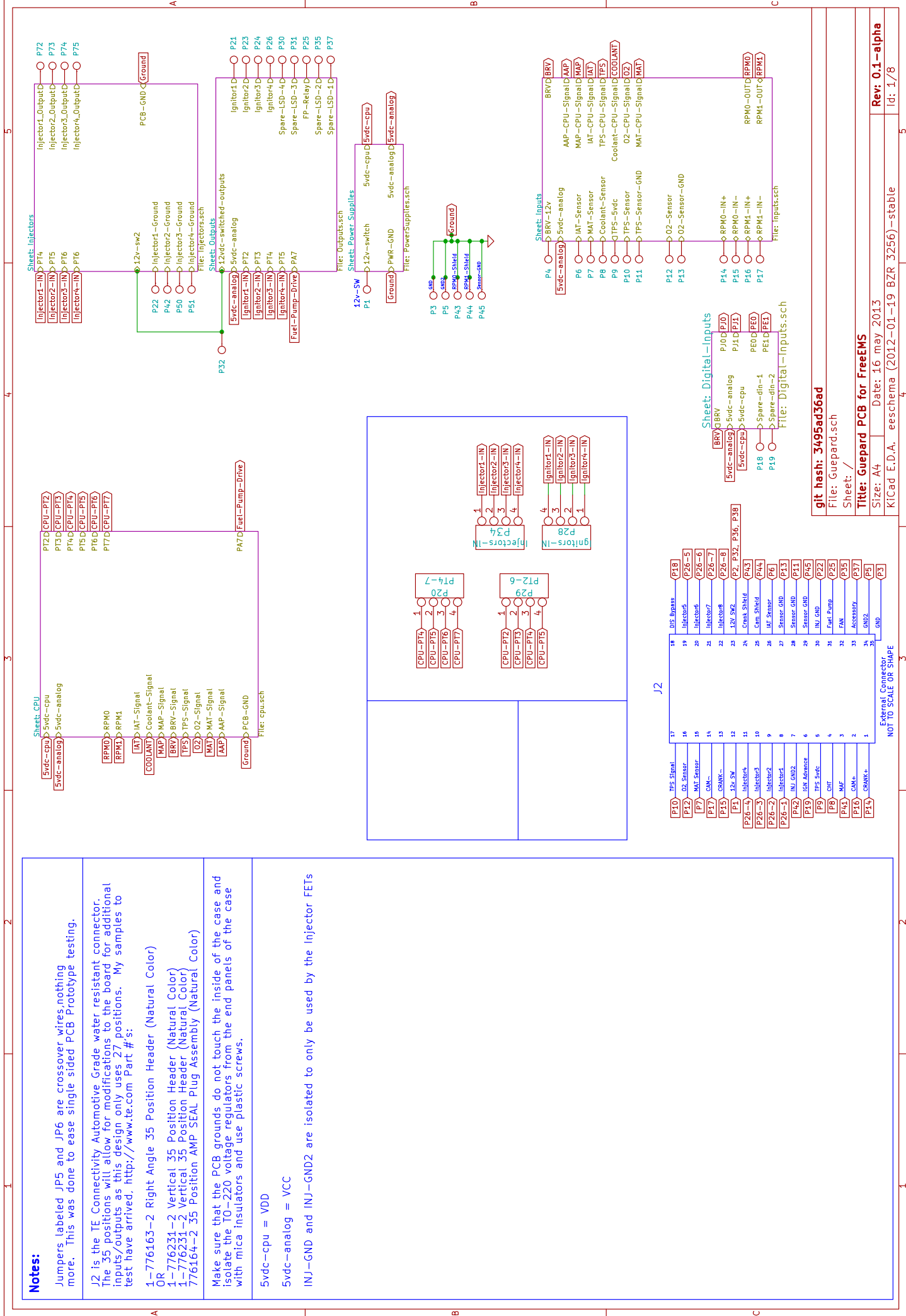
- 1-776163-2 Right Angle 35 Position Header (Natural Color) OR
- 1-776231-2 Vertical 35 Position Header (Natural Color)
- 1-776231-2 Vertical 35 Position Header (Natural Color)
- 776164-2 35 Position AMP SEAL Plug Assembly (Natural Color)

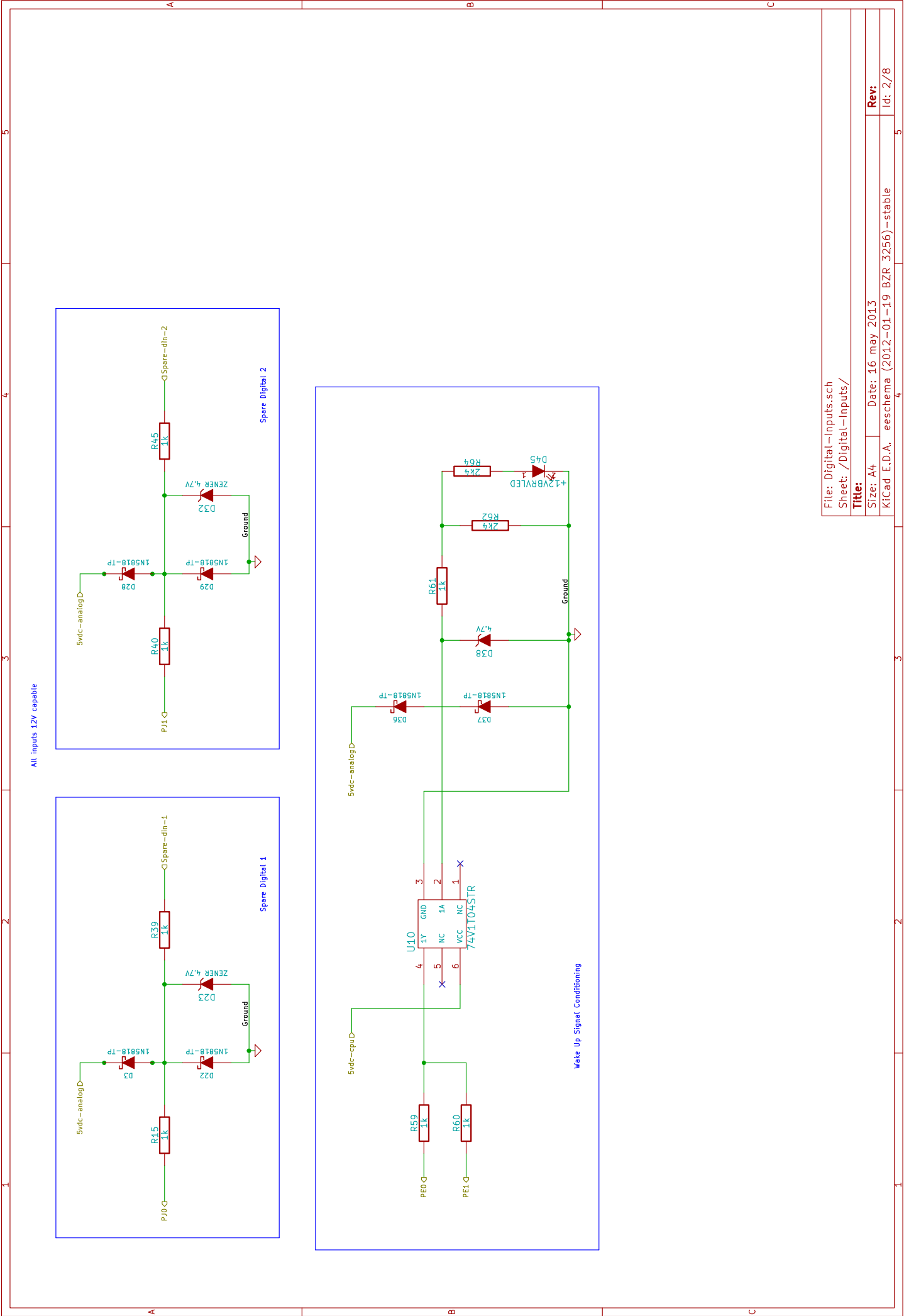
Make sure that the PCB grounds do not touch the inside of the case and isolate the 10-220 voltage regulators from the end panels of the case with mica insulators and use plastic screws.

5vdc-cpu = VDD

5vdc-analog = VCC

INJ-GND and INJ-GND2 are isolated to only be used by the Injector FETs



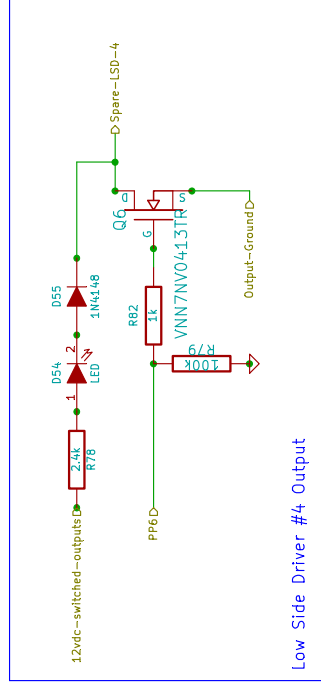
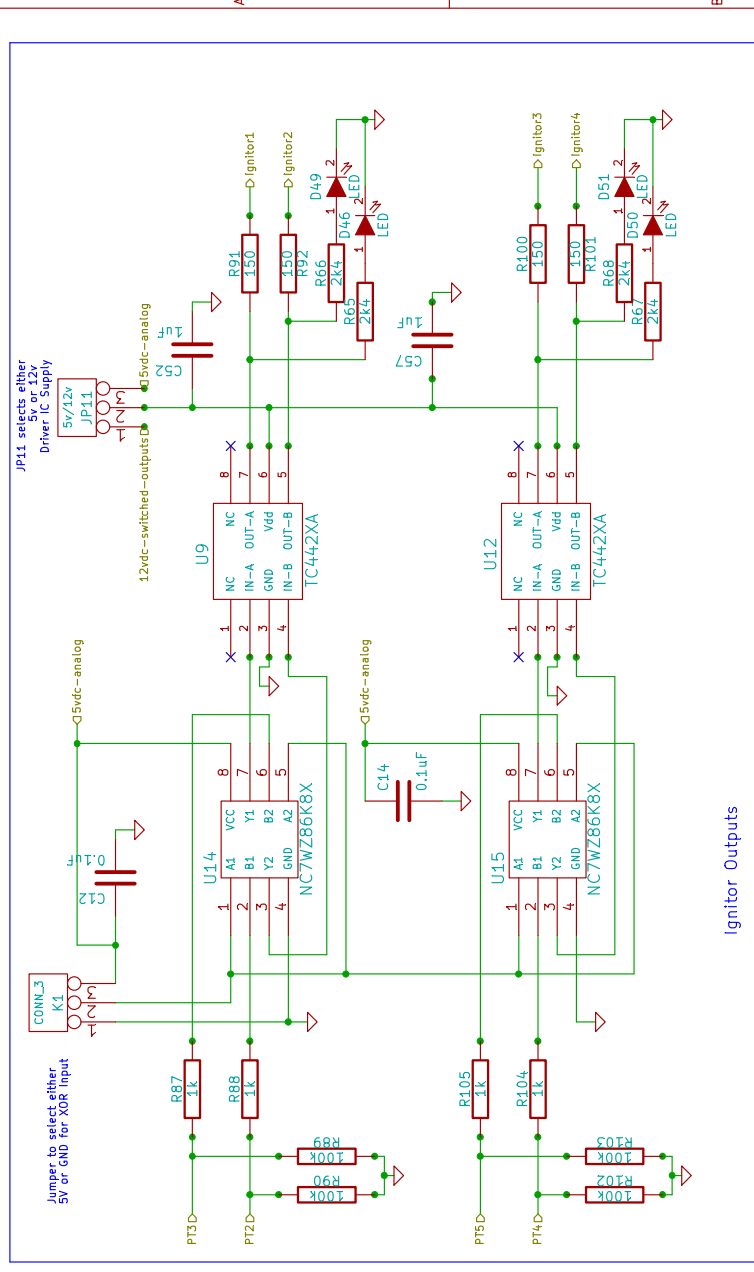
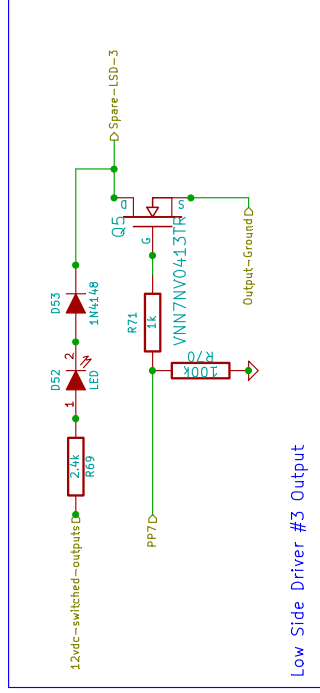
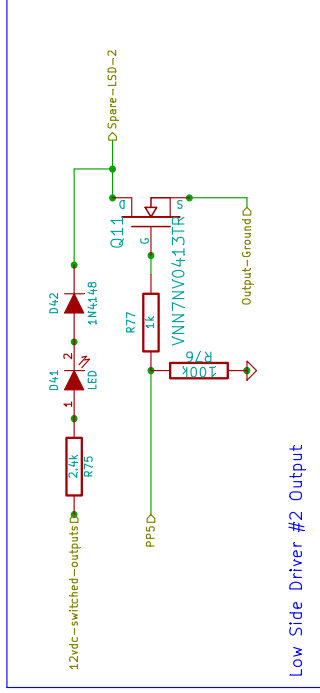
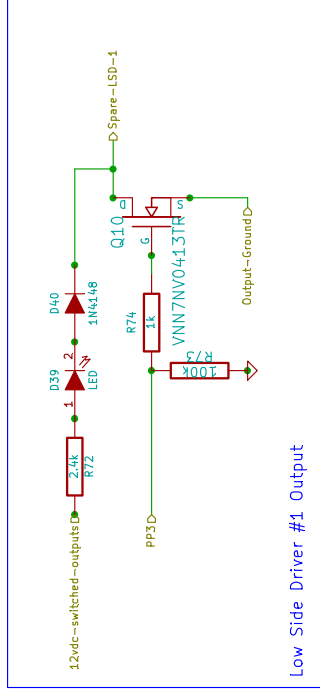
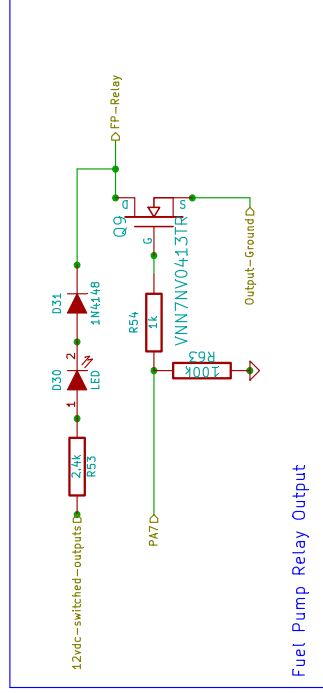






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git hash: 3495ad36ad

File: Outputs.sch

Sheet: /Outputs/

**Title: Jaguar PCB for FreeEMS**

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Rev: 0.4-alpha

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