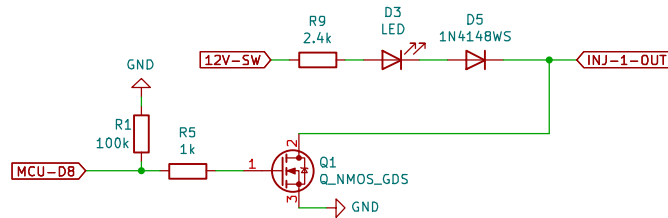
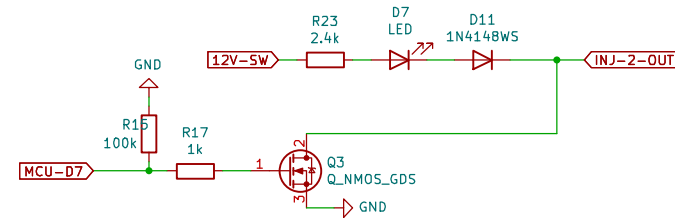


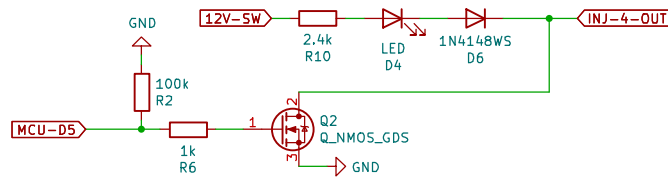
### Injector Driver 1



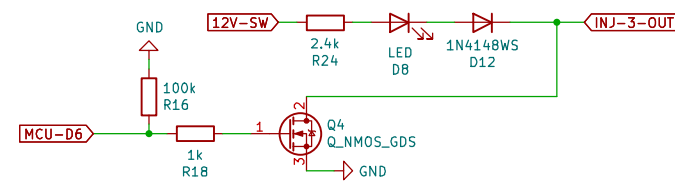
### Injector Driver 2



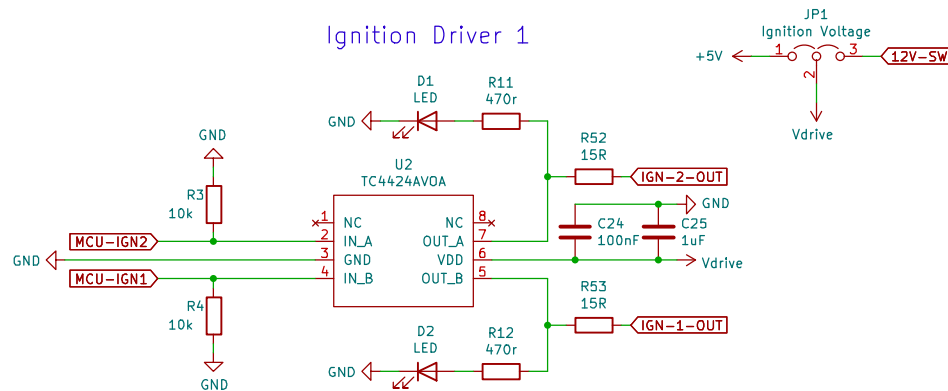
### Injector Driver 4



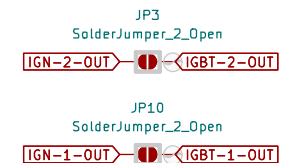
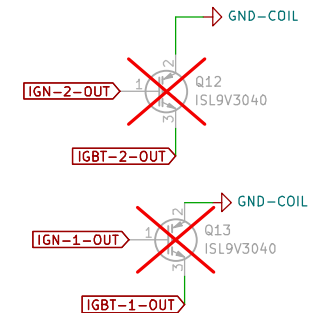
### Injector Driver 3



### Ignition Driver 1



The v0.1 schematic contains an IGBT driver pinout error; the internal IGBT driver should not be used. This issue has been fixed in v0.2 using an IGBT driver with a D2PAK footprint. Alternatively, an external IGBT driver board from Mazduino/ruSEFI can be used.



www.mazduino.com

Mazduino

Sheet: /Fuel & Ignition/

File: Fuel\_Ignition.kicad\_sch

Title: LITE

Size: A4

Date: 2025-11-22

Rev: 0.1

KiCad E.D.A. 9.0.6

Id: 2/8

Jumper allows for optional use of internal MAP as baro



## IAT\_Sensor



## 02\_Sensor



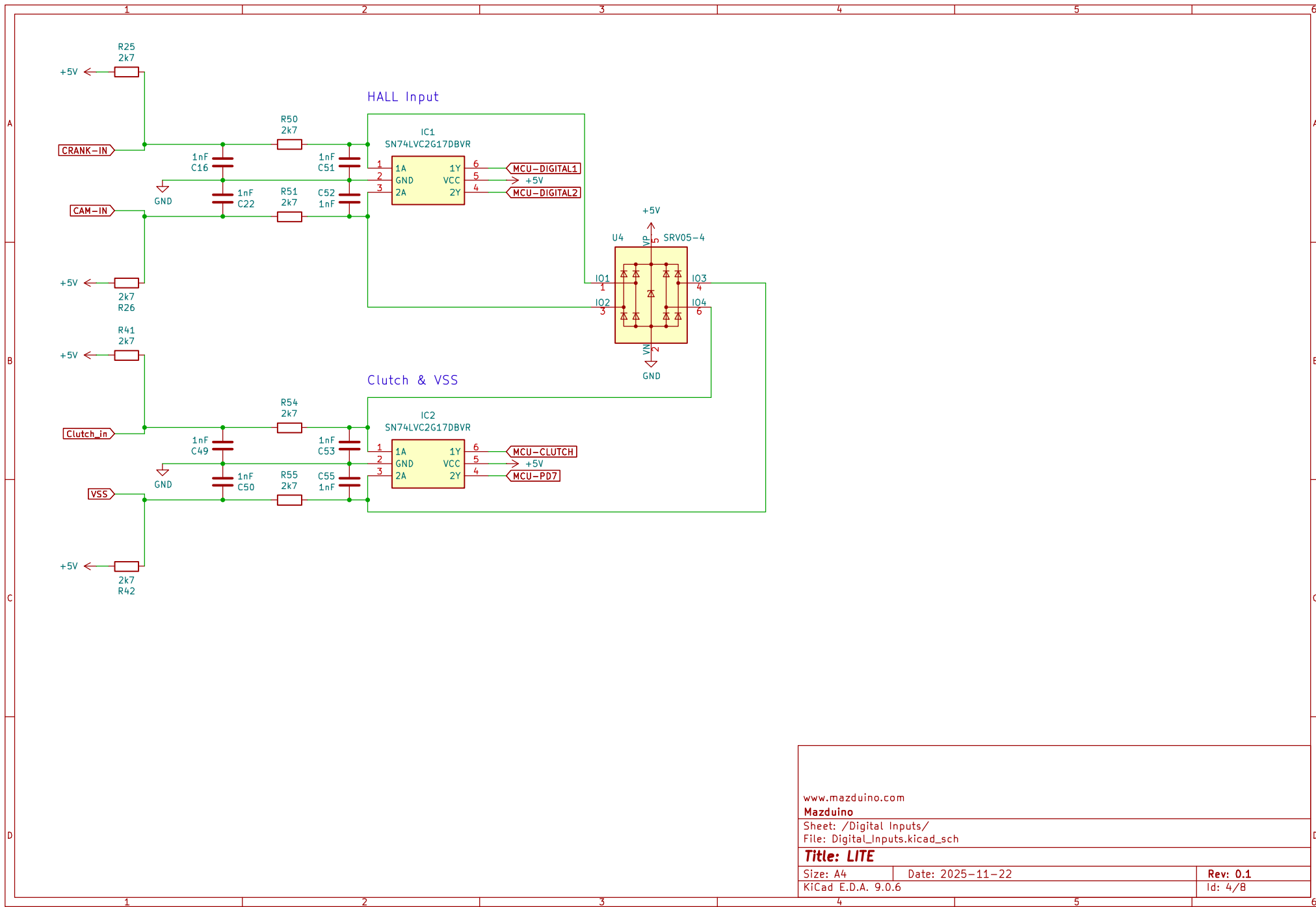
## CLT\_Sensor



Change R48 to Diode to prevent 12v ac switch off



Id: 3/8



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Sheet: /Digital Inputs/

File: Digital\_Inputs.kicad\_sch

Title: LITE

Size: A4

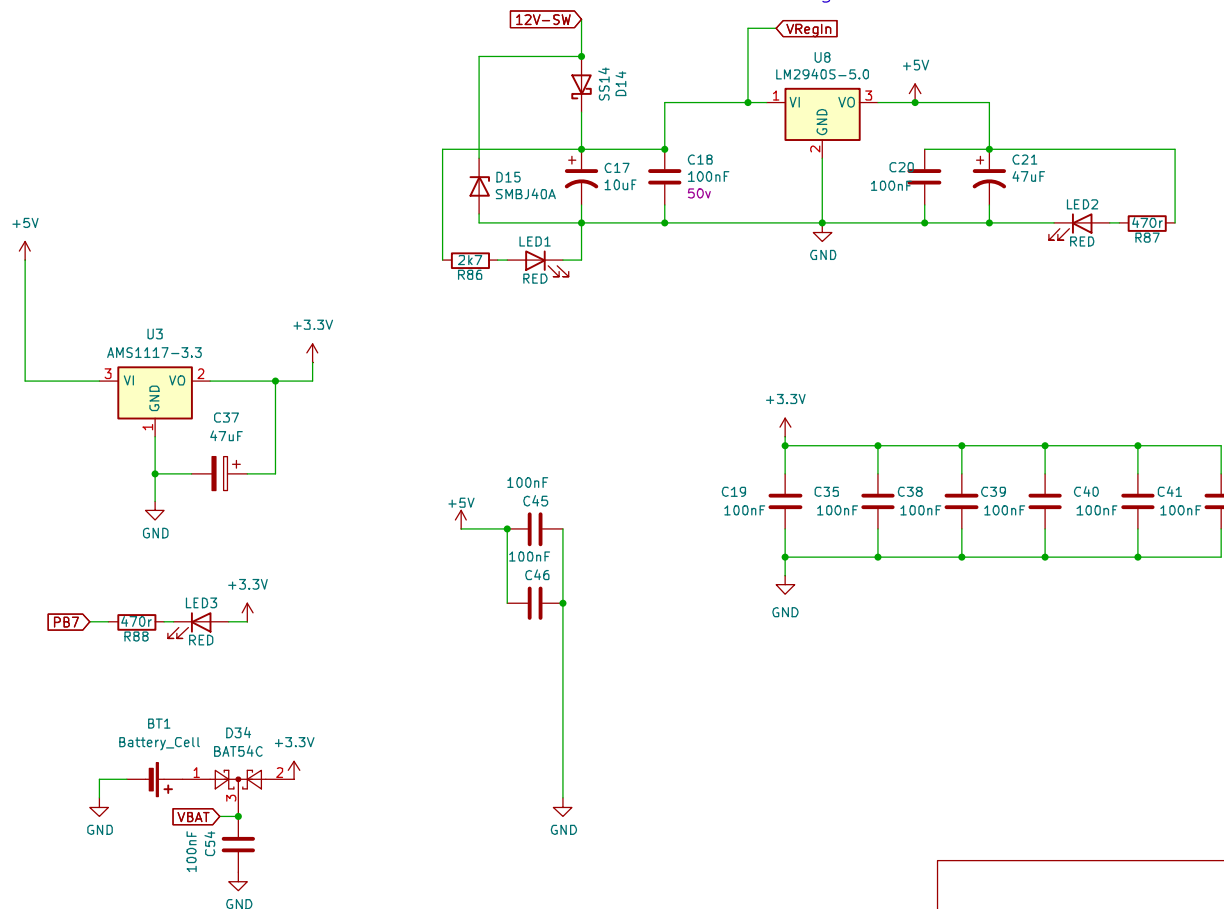
Date: 2025-11-22

Rev: 0.1

KiCad E.D.A. 9.0.6

Id: 4/8

# Power Regulator



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**Mazduino**

Sheet: /Power/

File: power.kicad\_sch

**Title: LITE**

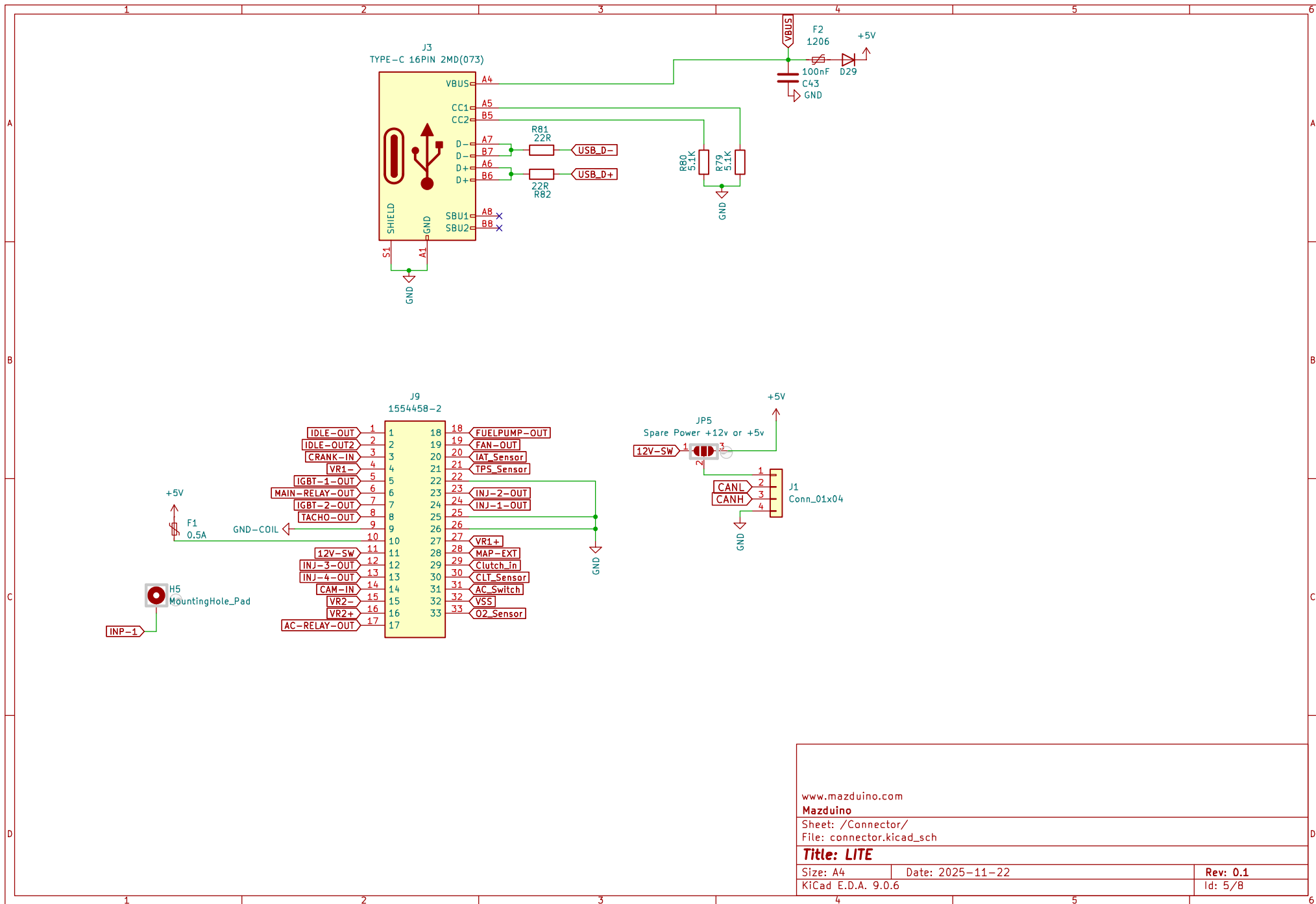
Size: A4

Date: 2025-11-22

Rev: 0.1

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Id: 4/8



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Sheet: /Connector/

File: connector.kicad\_sch

**Title: LITE**

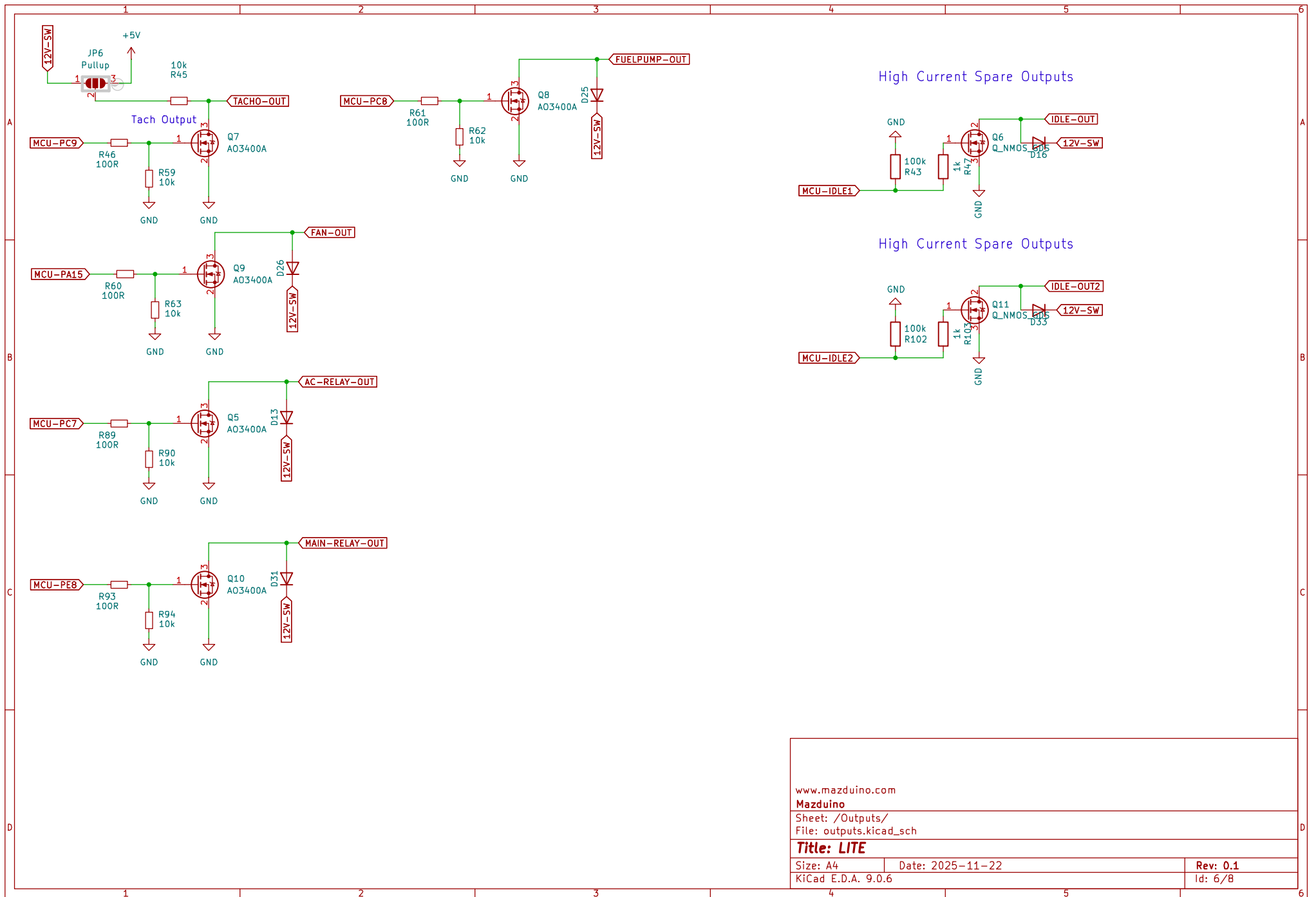
Size: A4

Date: 2025-11-22

Rev: 0.1

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Id: 5/8



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Sheet: /Outputs/

File: outputs.kicad\_sch

**Title: LITE**

Size: A4

Date: 2025-11-22

Rev: 0.1

KiCad E.D.A. 9.0.6

Id: 6/8

