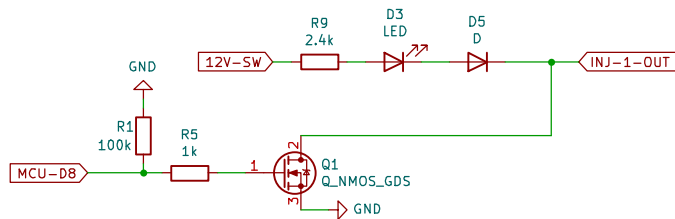
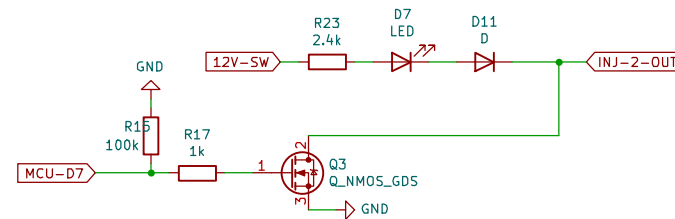


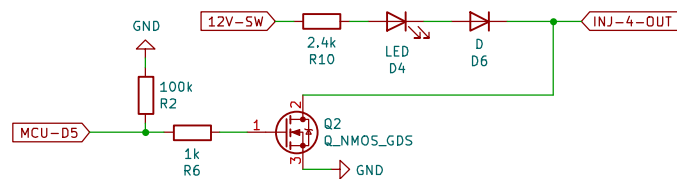
### Injector Driver 1



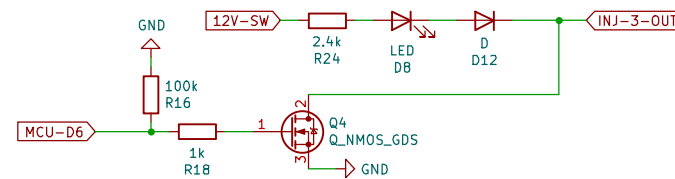
### Injector Driver 2



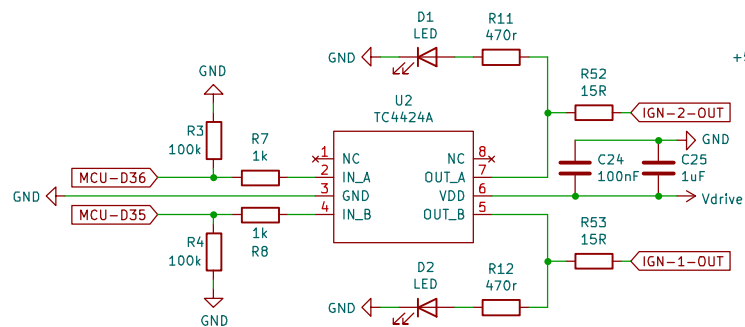
### Injector Driver 4



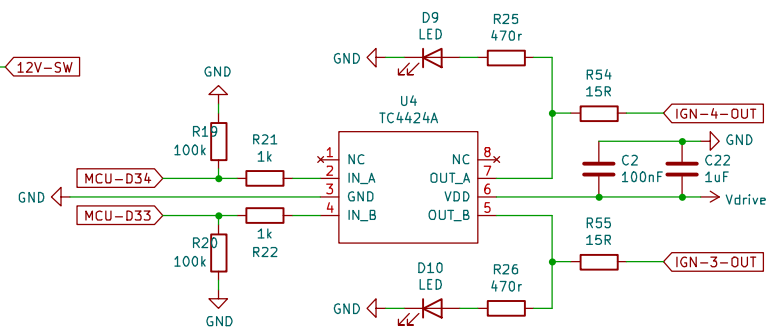
### Injector Driver 3



### Ignition Driver 1



### Ignition Driver 2



Mazduino

Sheet: /Fuel & Ignition/

File: Fue\_Ignition.kicad\_sch

**Title: Compact**

Size: A4

Date: 2025-04-01

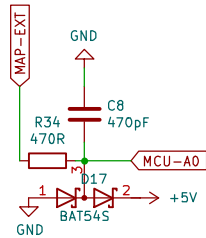
Rev: 1.0

KiCad E.D.A. 8.0.7

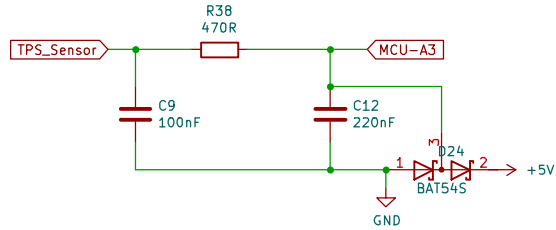
Id: 2/7

### MAP Sensor

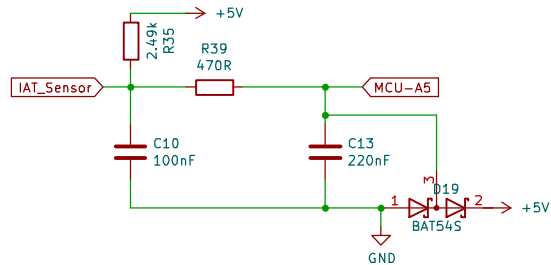
Jumper allows for optional use of internal MAP as baro



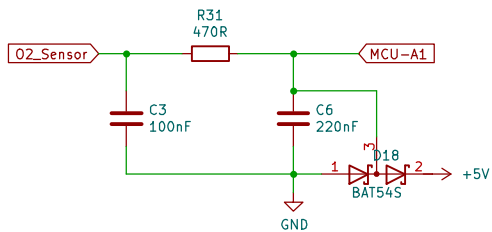
### Throttle Position Sensor



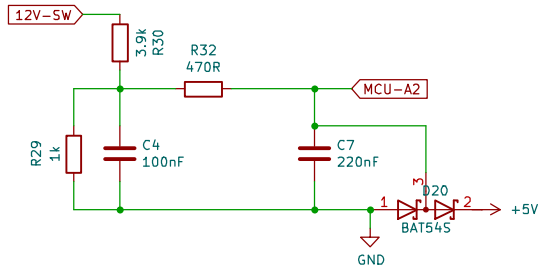
### Inlet Air Temperature Sensor



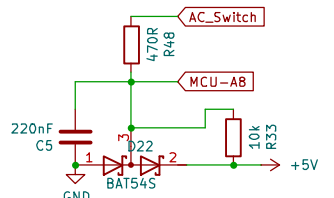
### O2 Sensor



### Battery reference voltage

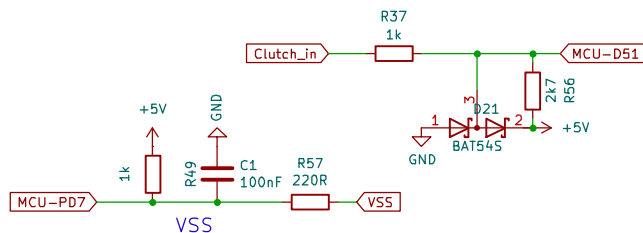


### AC Switch

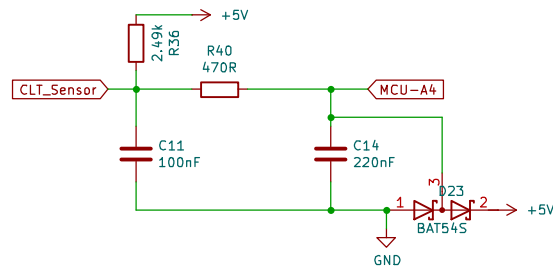


Change R48 to Diode to prevent 12v ac switch off

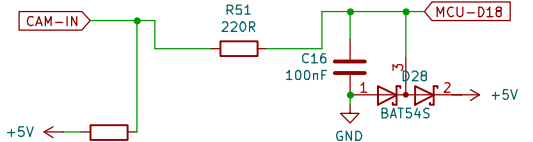
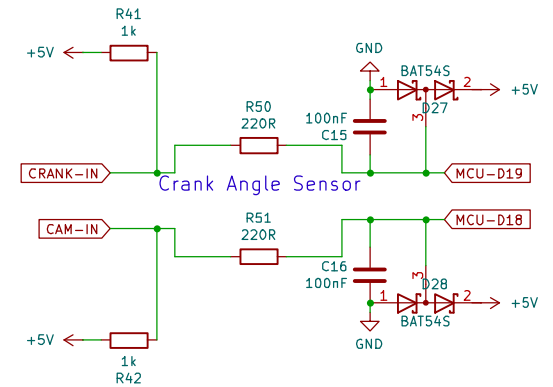
### Clutch Input



### Coolant Temperature Sensor



### Crank Angle Sensor



Mazduino

Sheet: /Inputs/  
File: inputs.kicad\_sch

Title: Compact

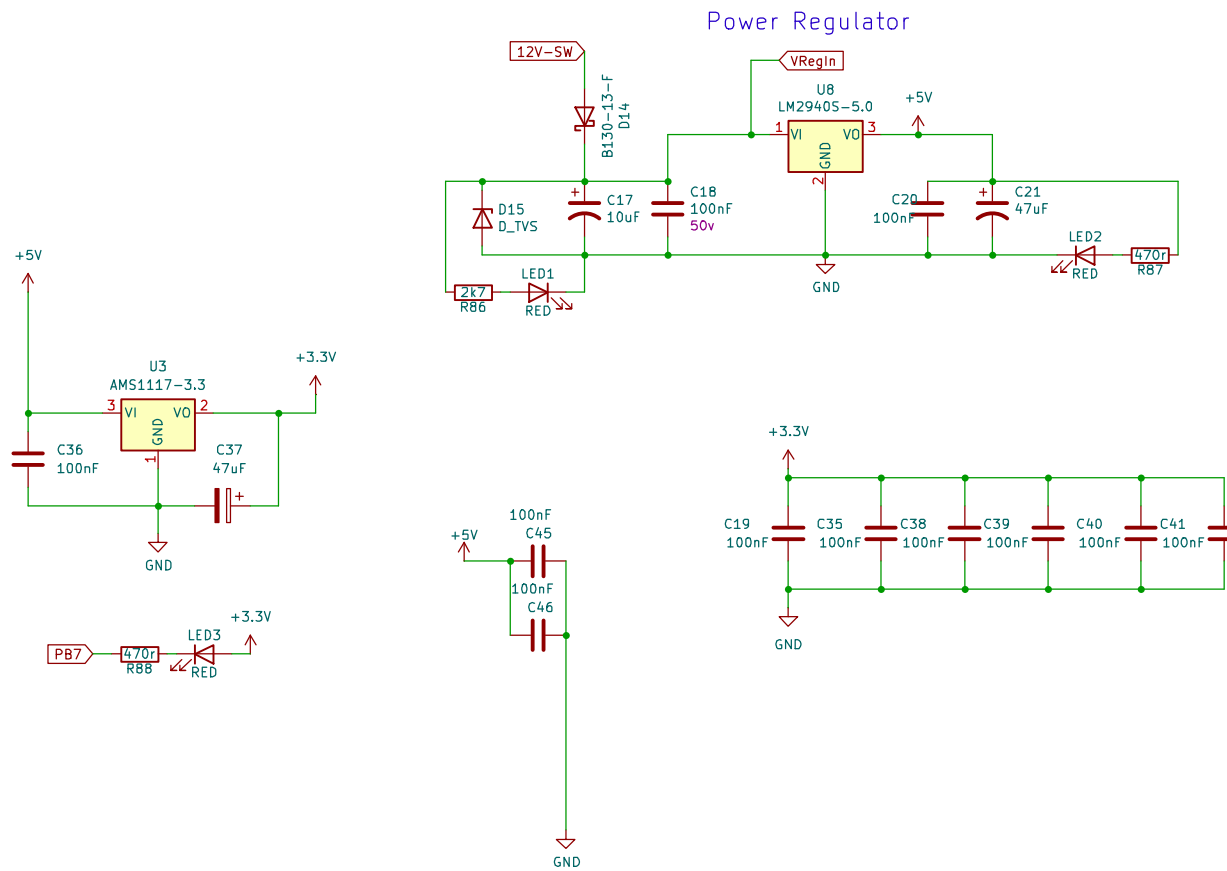
Size: A4

Date: 2025-04-01

Rev: 1.0

KiCad E.D.A. 8.0.7

Id: 3/7



**Mazduino**

Sheet: /Power/  
File: power.kicad\_sch

**Title: Compact**

Size: A4

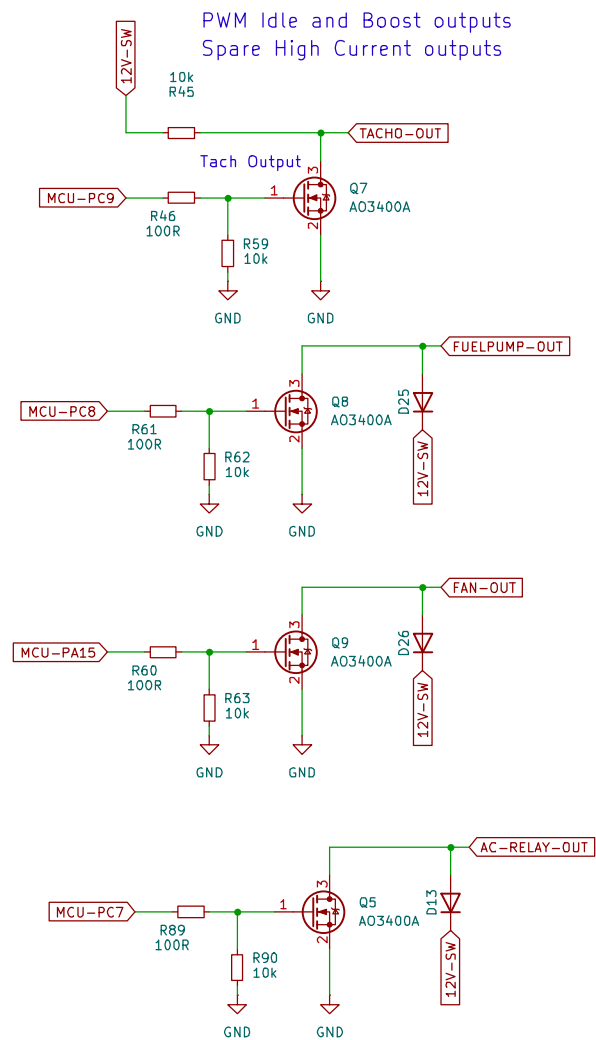
Date: 2025-04-01

Rev: 1.0

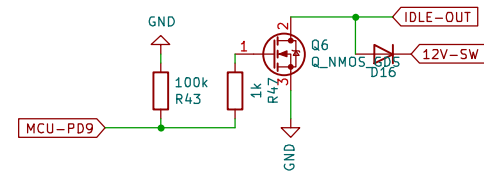
KiCad E.D.A. 8.0.7

Id: 4/7

Id: 5/7



## High Current Spare Outputs



Mazduino

Sheet: /Outputs/  
File: outputs.kicad\_sch

**Title: Compact**

Size: A4

Date: 2025-04-01

Rev: 1.0

KiCad E.D.A. 8.0.7

Id: 6/7

