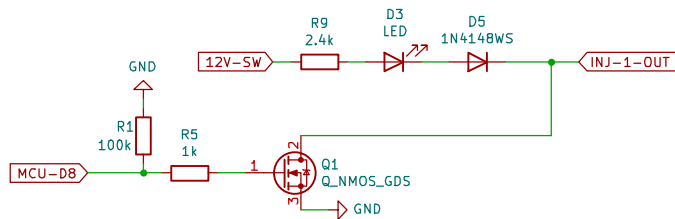
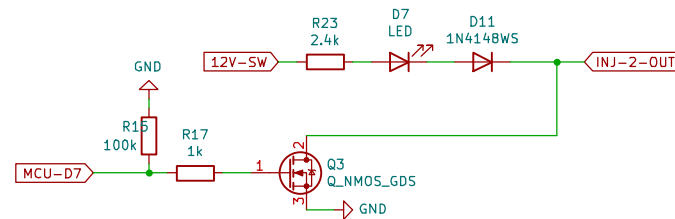


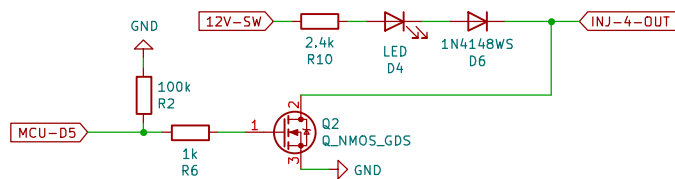
### Injector Driver 1



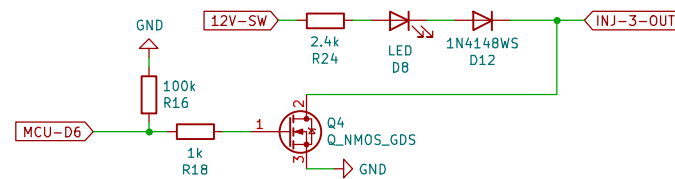
### Injector Driver 2



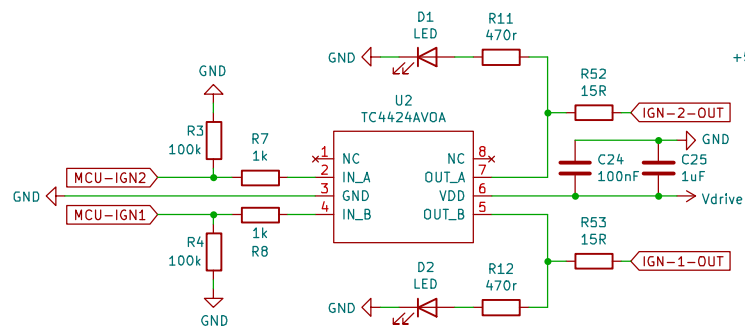
### Injector Driver 4



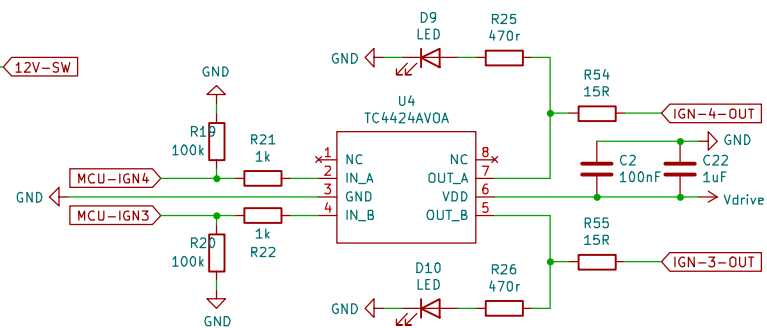
### Injector Driver 3



### Ignition Driver 1



### Ignition Driver 2



www.mazduino.com

**Mazduino**

Sheet: /Fuel & Ignition/

File: Fue\_Ignition.kicad\_sch

**Title: Compact**

Size: A4

Date: 2025-06-23

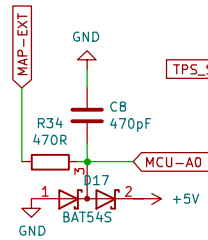
Rev: 2.1

KiCad E.D.A. 8.0.7

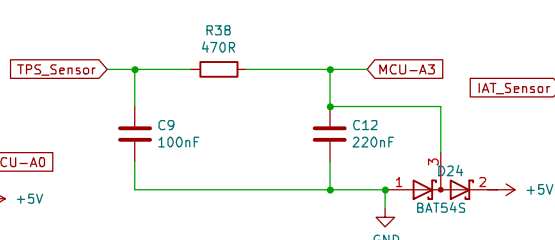
Id: 2/8

## MAP Sensor

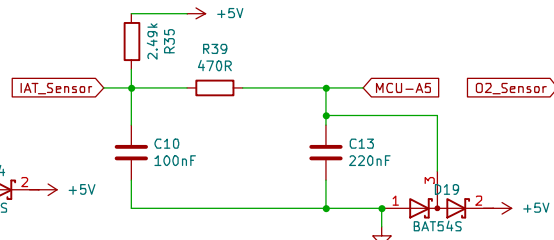
Jumper allows for optional use of Internal MAP as baro



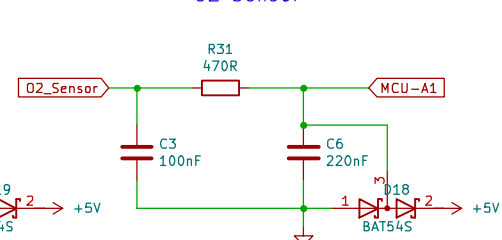
## Throttle Position Sensor



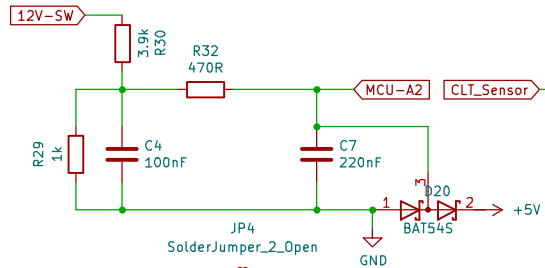
## Inlet Air Temperature Sensor



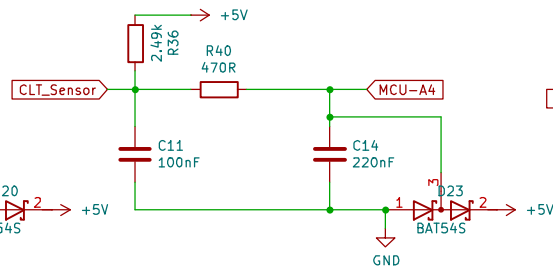
## O2 Sensor



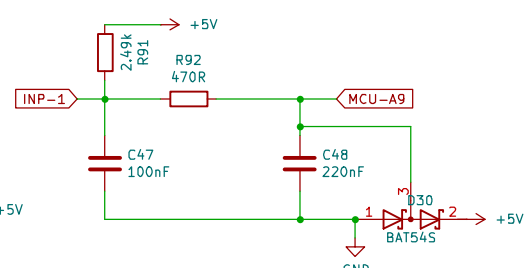
## Battery reference voltage



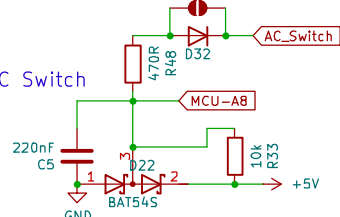
## Coolant Temperature Sensor



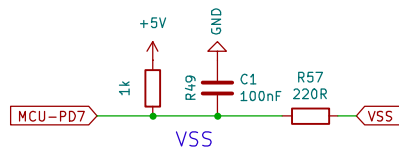
## Spare Analog Input 1



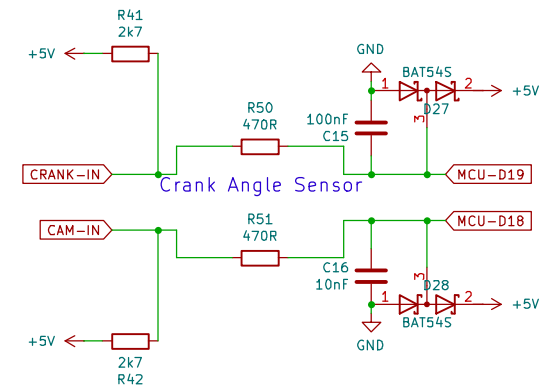
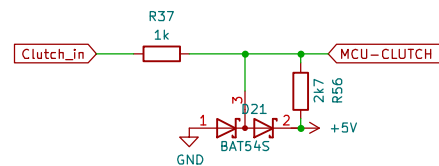
## AC Switch



Change R48 to Diode to prevent 12v ac switch off



## Clutch Input



www.mazduino.com

Mazduino

Sheet: /Inputs/

File: inputs.kicad\_sch

**Title: Compact**

Size: A4

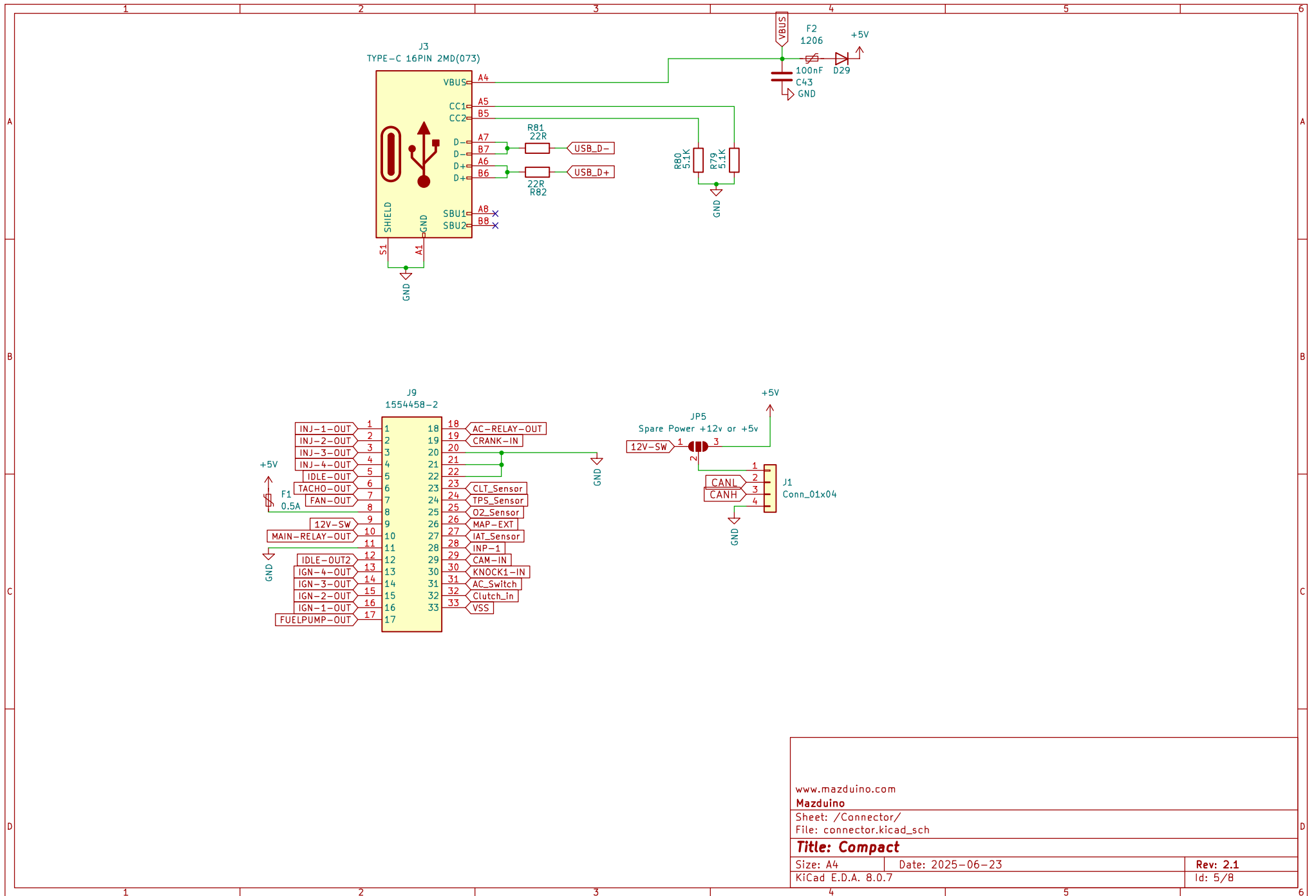
Date: 2025-06-23

Rev: 2.1

KiCad E.D.A. 8.0.7

Id: 3/8

Id: 4/8



www.mazduino.com

Mazduino

Sheet: /Connector/

File: connector.kicad\_sch

**Title: Compact**

Size: A4

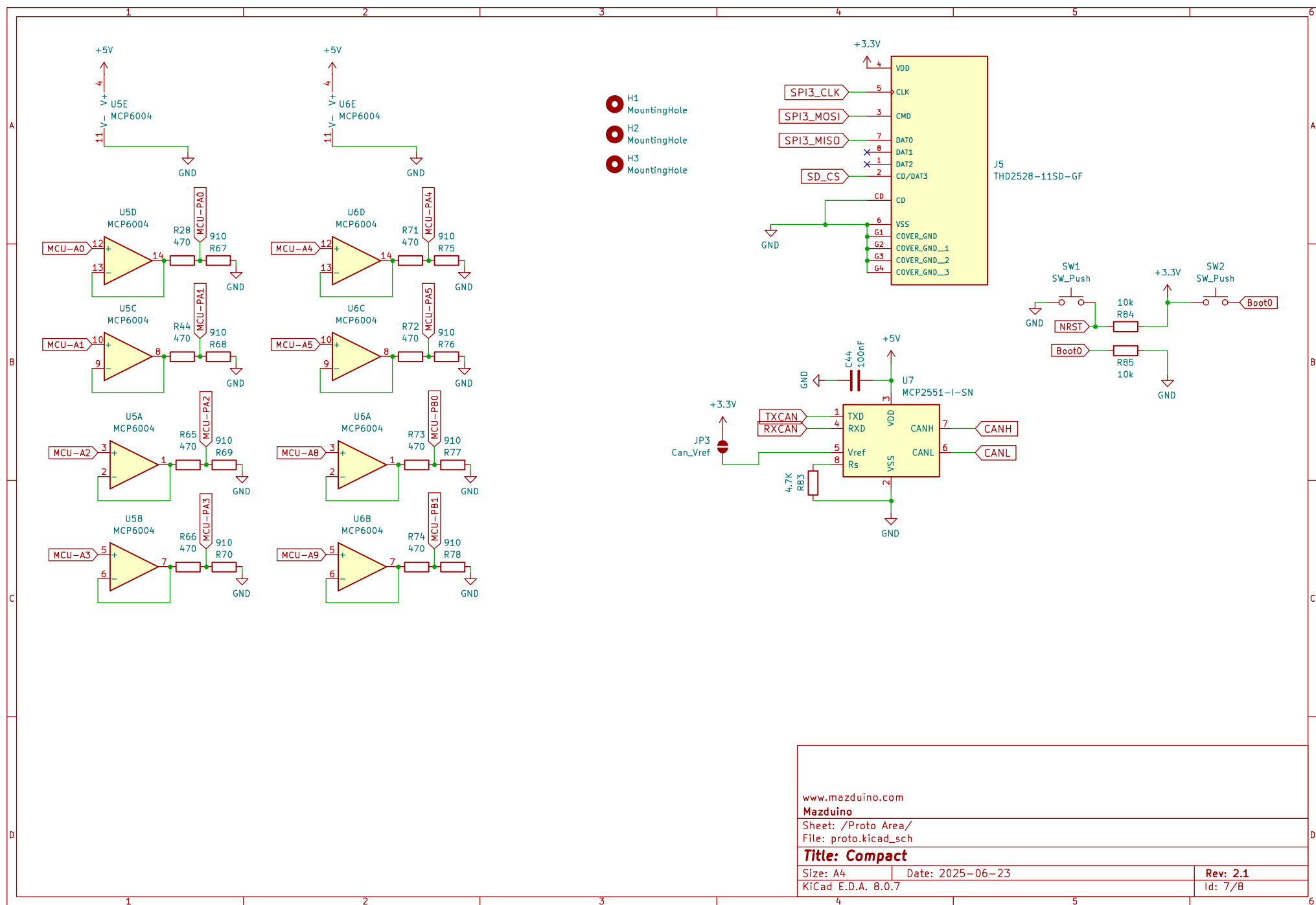
Date: 2025-06-23

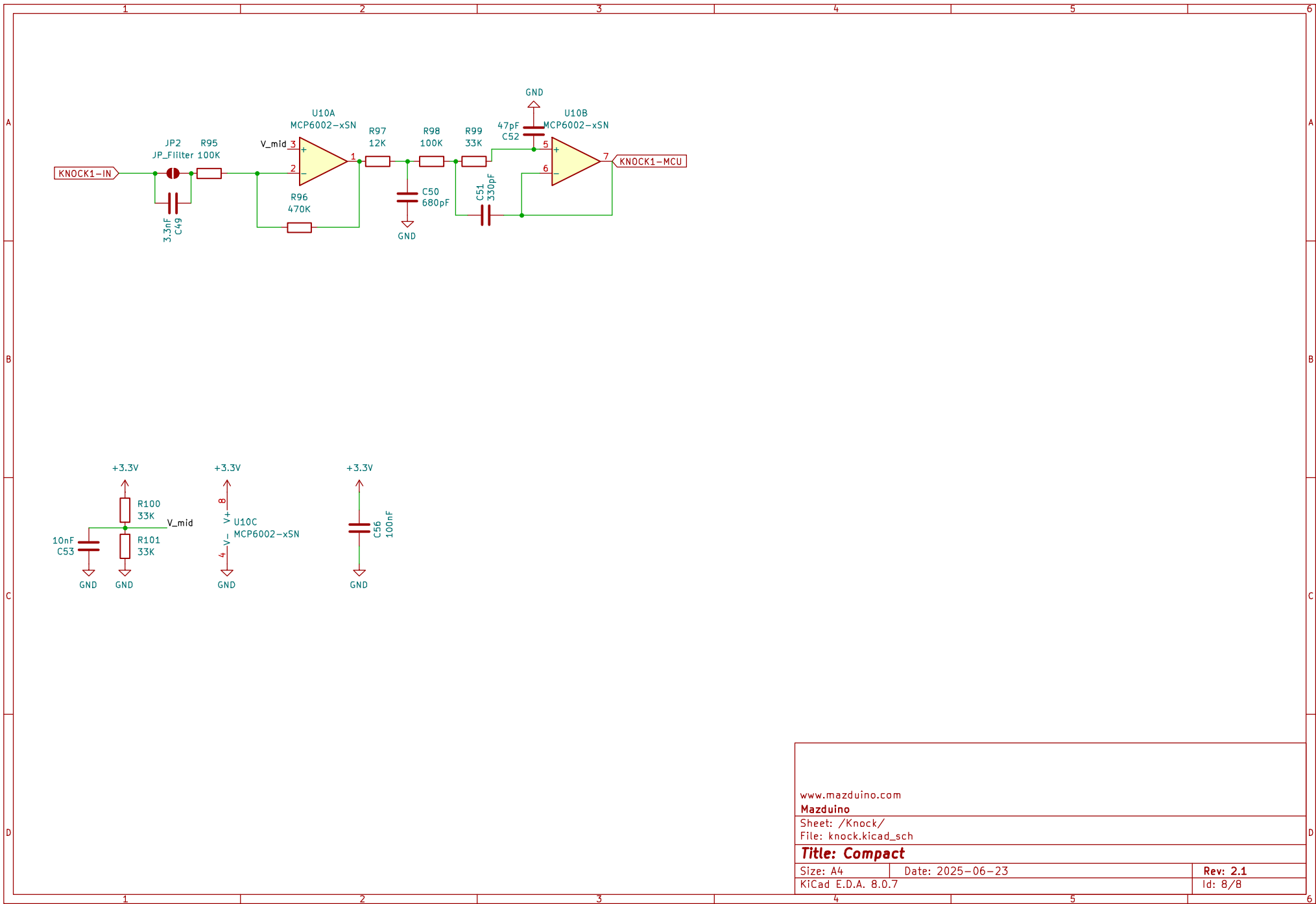
Rev: 2.1

KiCad E.D.A. 8.0.7

Id: 5/8







www.mazduino.com

Mazduino

Sheet: /Knock/

File: knock.kicad\_sch

**Title: Compact**

Size: A4

Date: 2025-06-23

Rev: 2.1

KiCad E.D.A. 8.0.7

Id: 8/8