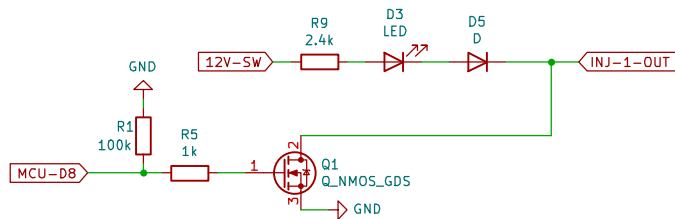
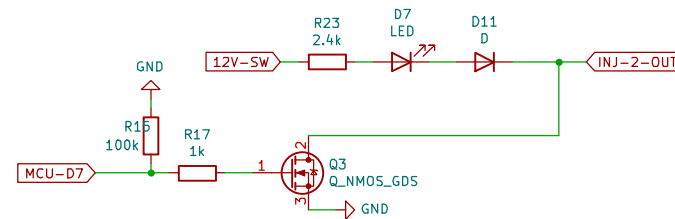


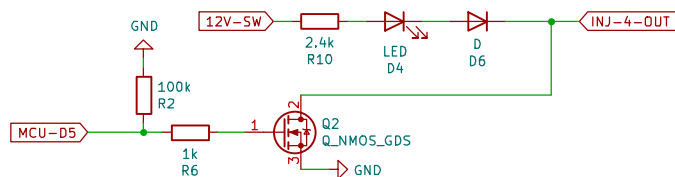
Injector Driver 1



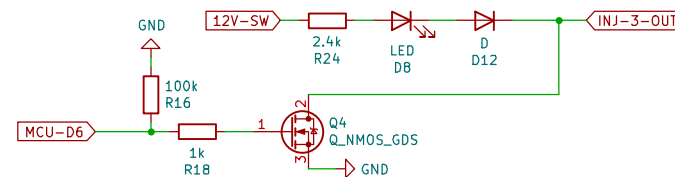
Injector Driver 2



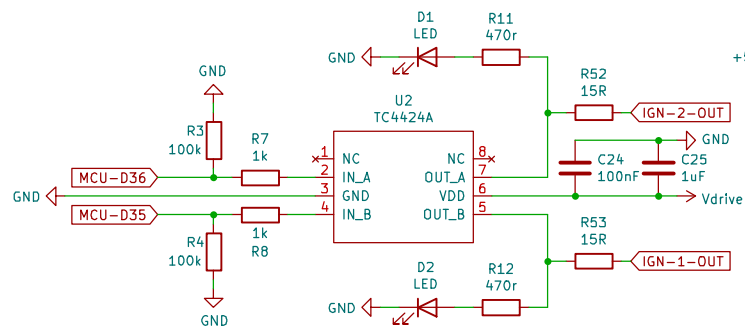
Injector Driver 4



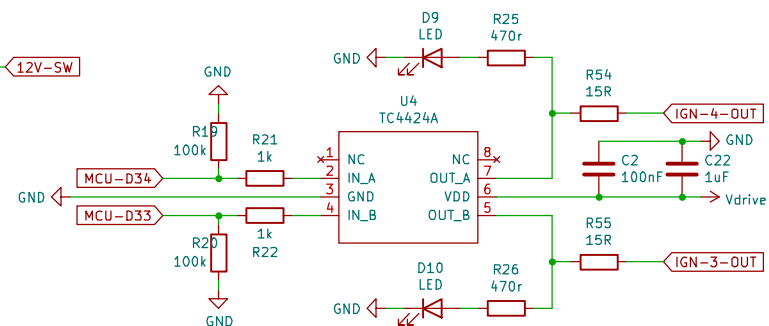
Injector Driver 3



Ignition Driver 1



Ignition Driver 2



www.mazduino.com

Mazduino

Sheet: /Fuel & Ignition/

File: Fuel_Ignition.kicad_sch

Title: Compact

Size: A4

Date: 2025-06-23

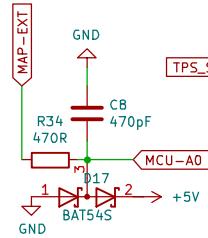
Rev: 1.2

KiCad E.D.A. 8.0.7

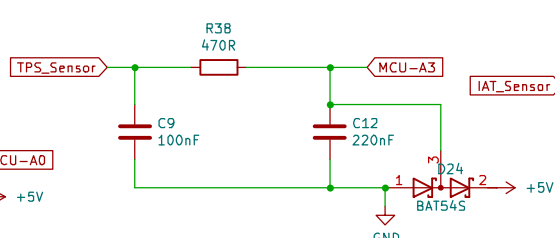
Id: 2/7

MAP Sensor

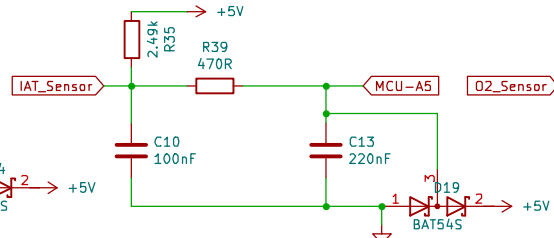
Jumper allows for optional use of Internal MAP as baro



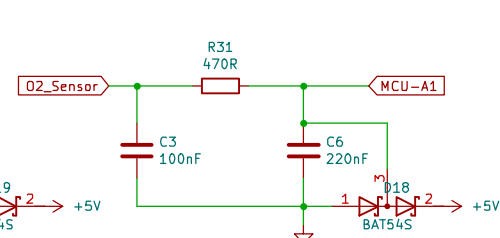
Throttle Position Sensor



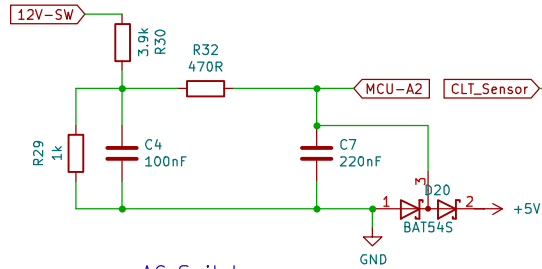
Inlet Air Temperature Sensor



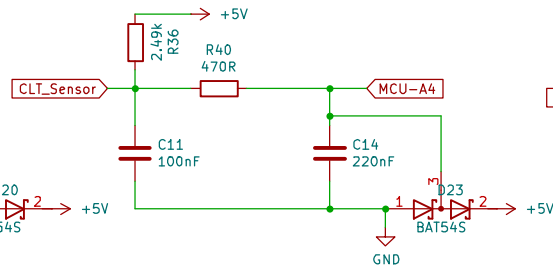
O2 Sensor



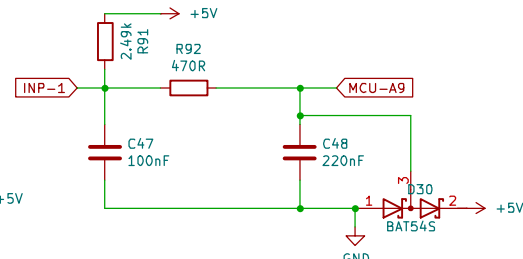
Battery reference voltage



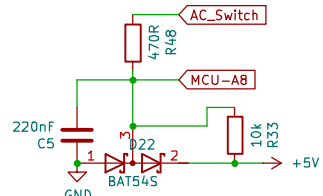
Coolant Temperature Sensor



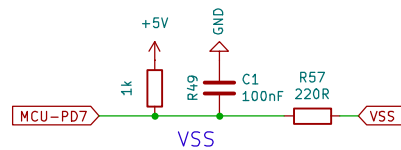
Spare Analog Input 1



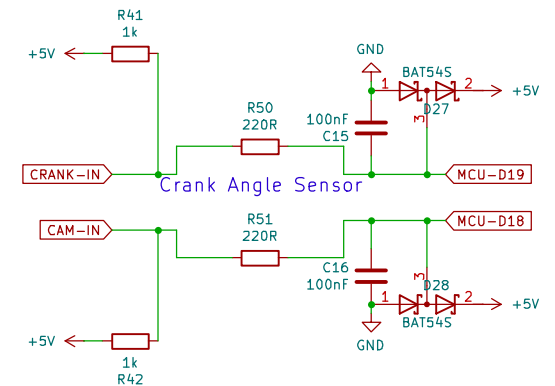
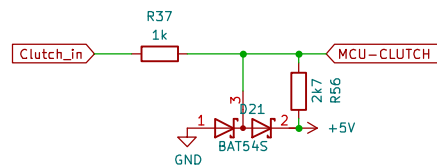
AC Switch



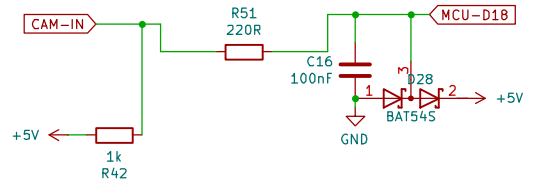
Change R48 to Diode to prevent 12v ac switch off



Clutch Input



Crank Angle Sensor



www.mazduino.com

Mazduino

Sheet: /Inputs/

File: inputs.kicad_sch

Title: Compact

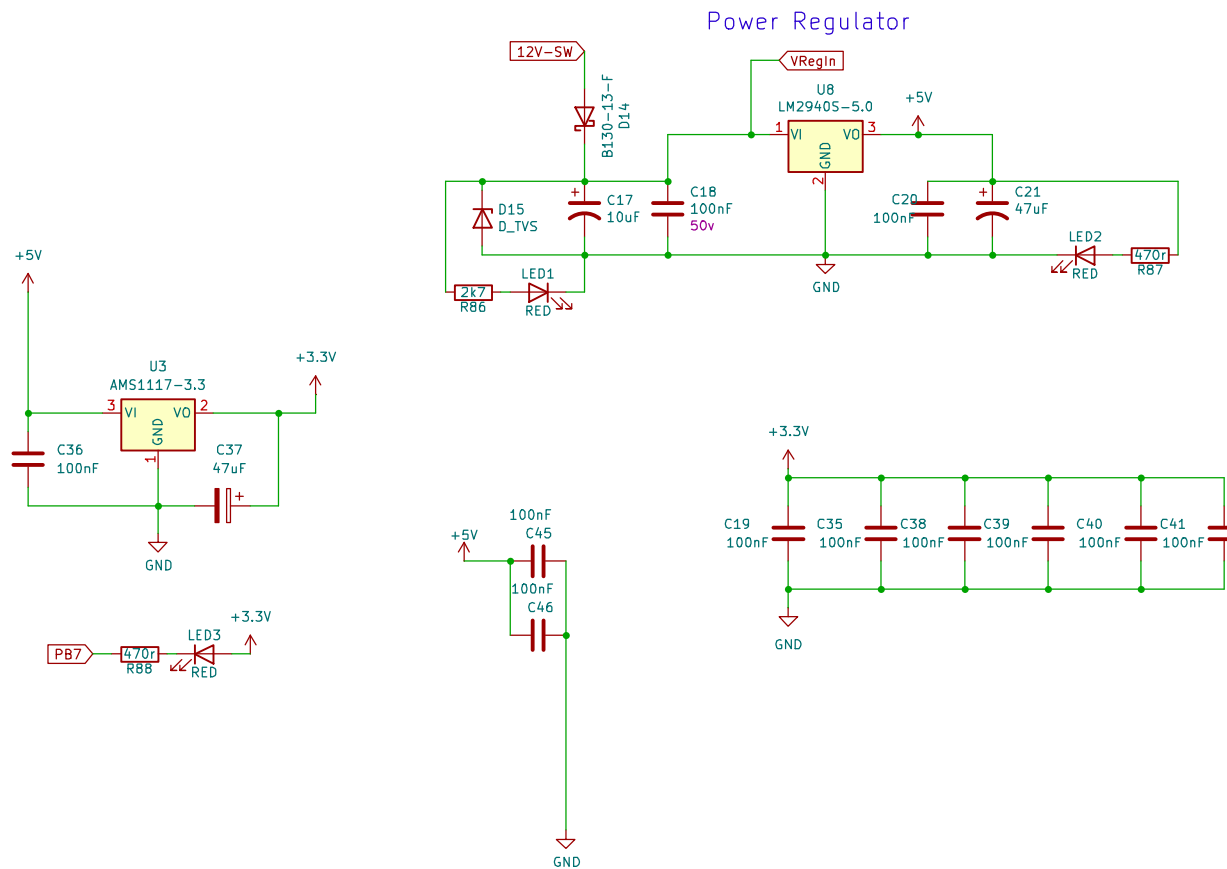
Size: A4

Date: 2025-06-23

Rev: 1.2

KiCad E.D.A. 8.0.7

Id: 3/7



www.mazduino.com

Mazduino

Sheet: /Power/

File: power.kicad_sch

Title: Compact

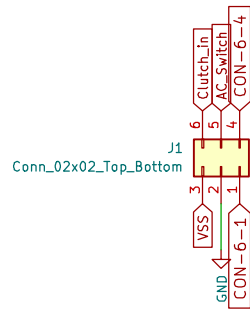
Size: A4

Date: 2025-06-23

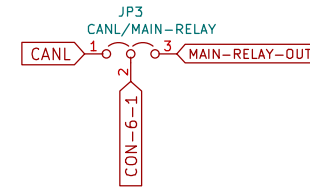
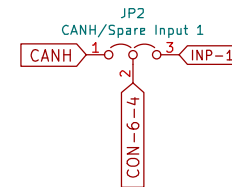
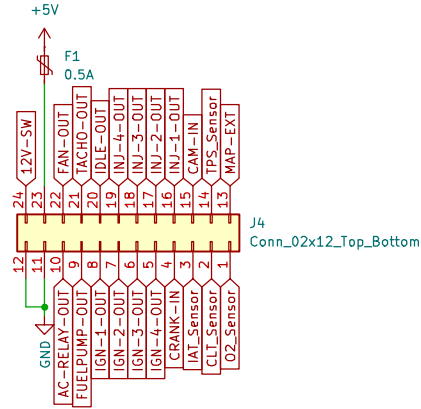
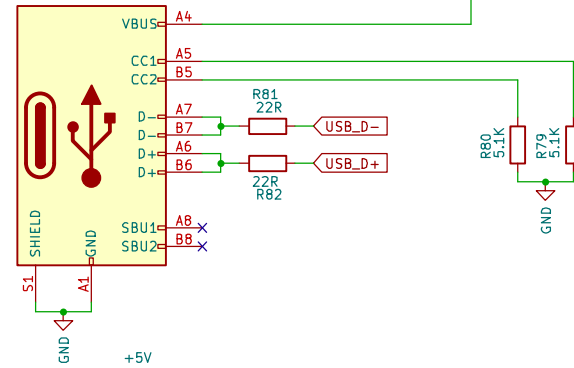
Rev: 1.2

KiCad E.D.A. 8.0.7

Id: 4/7



J3
USB_C_Receptacle_USB2.0



www.mazduino.com

Mazduino

Sheet: /Connector/

File: connector.kicad_sch

Title: Compact

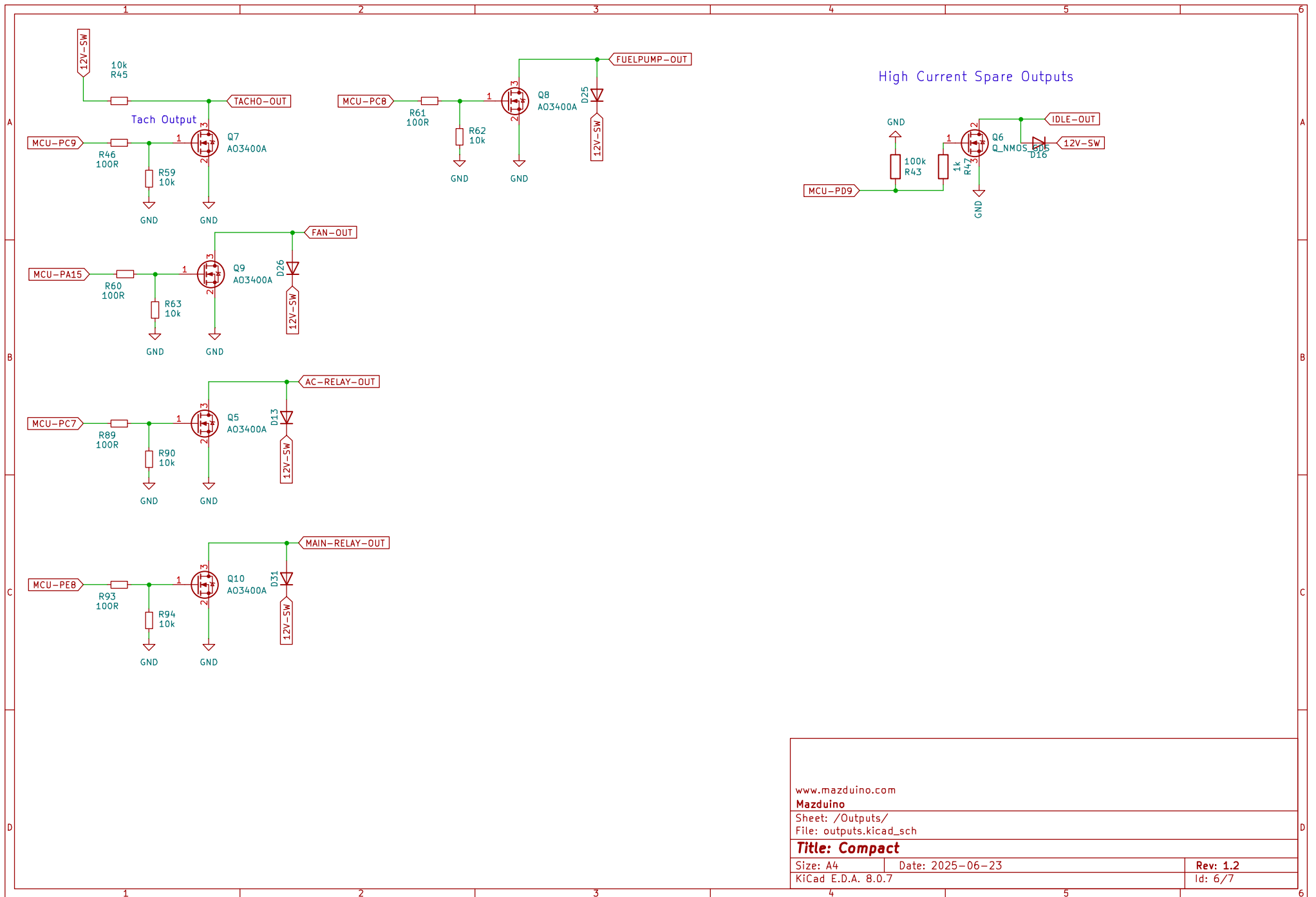
Size: A4

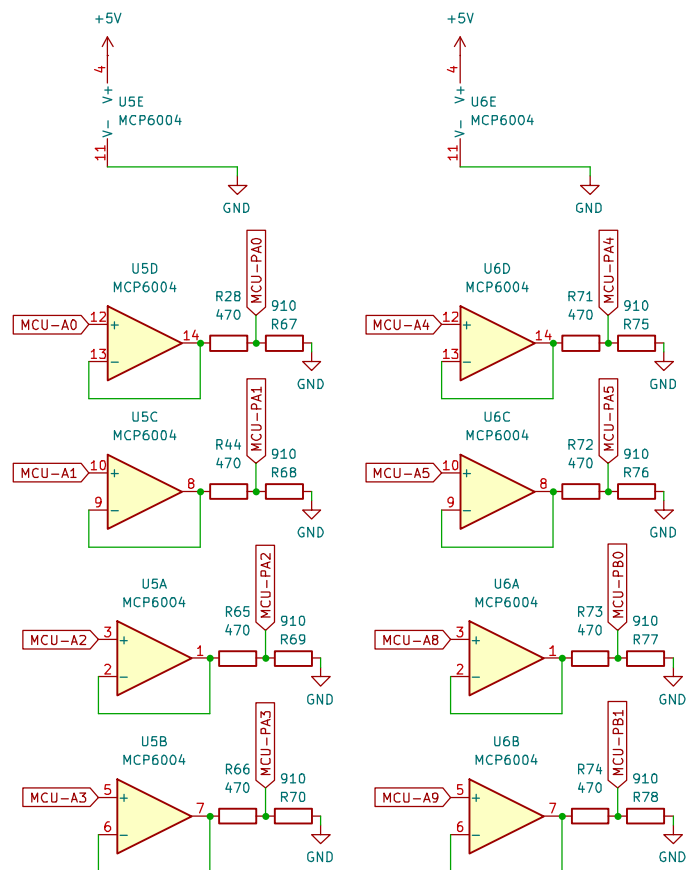
Date: 2025-06-23

Rev: 1.2

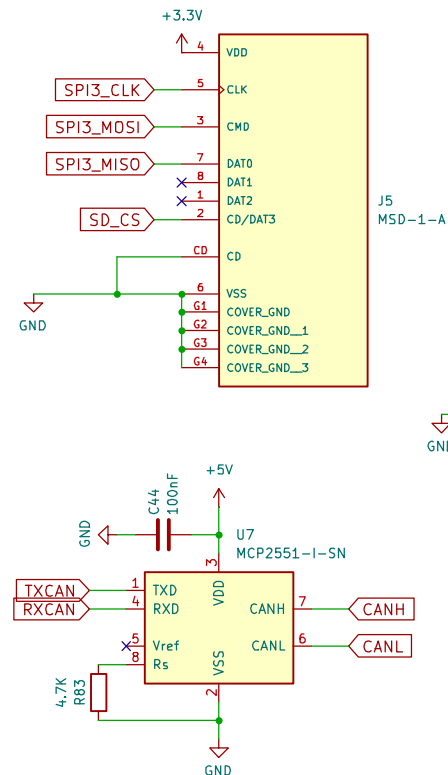
KiCad E.D.A. 8.0.7

Id: 5/7





- H1 MountingHole
- H2 MountingHole



www.mazduino.com

Mazduino

Sheet: /Proto Area/

File: proto.kicad_sch

Title: Compact

Size: A4

Date: 2025-06-23

Rev: 1.2

KiCad E.D.A. 8.0.7

Id: 7/7