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Mazduino

Sheet: /

File: mazduino.kicad_sch

Title: Compact

Size: A4

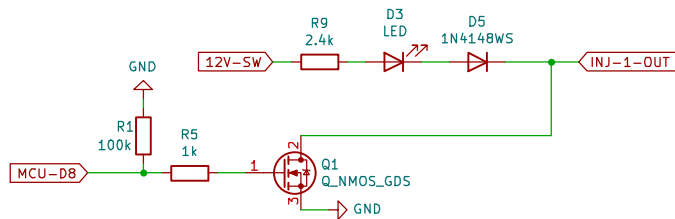
Date: 2025-10-06

Rev: 2.2

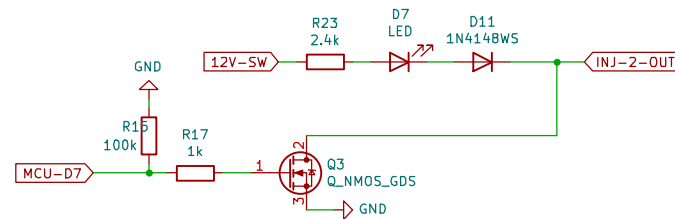
KiCad E.D.A. 8.0.7

Id: 1/9

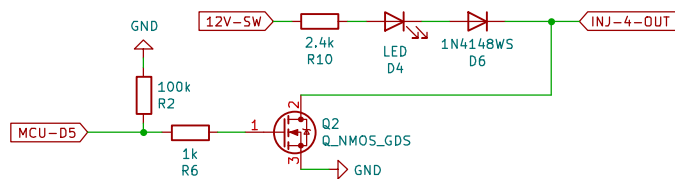
Injector Driver 1



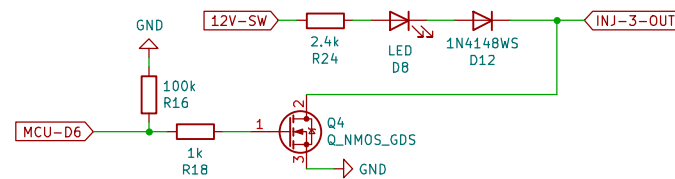
Injector Driver 2



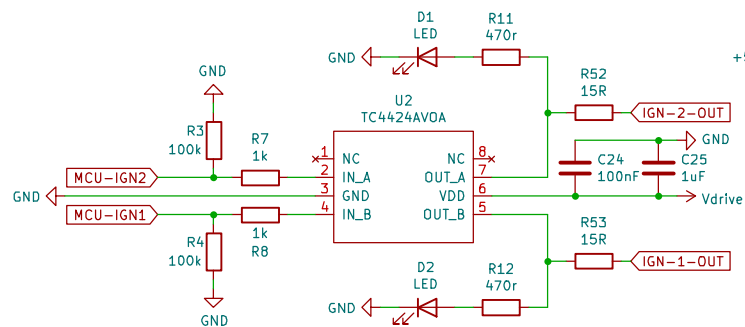
Injector Driver 4



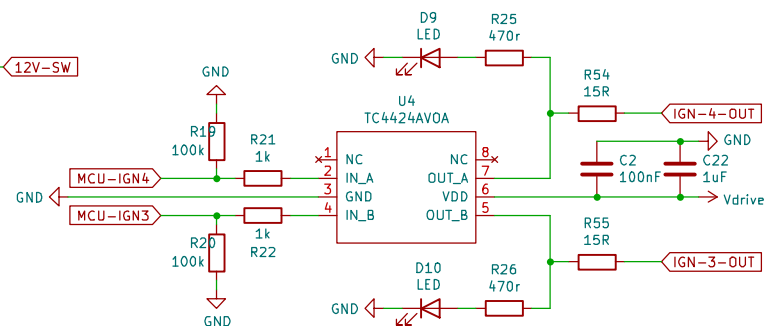
Injector Driver 3



Ignition Driver 1



Ignition Driver 2



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Sheet: /Fuel & Ignition/

File: Fue_Ignition.kicad_sch

Title: Compact

Size: A4

Date: 2025-10-06

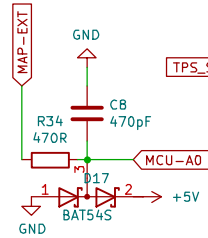
Rev: 2.2

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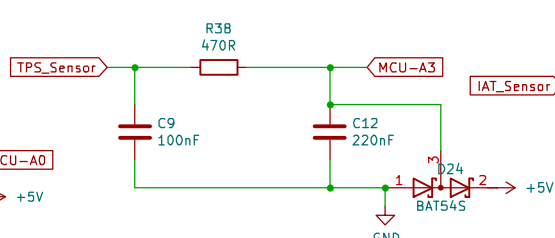
Id: 2/9

MAP Sensor

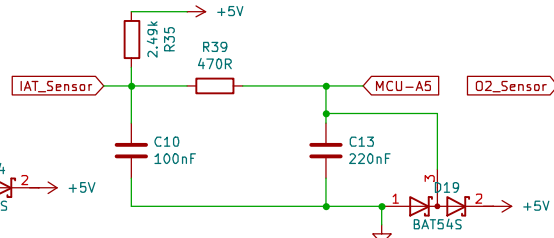
Jumper allows for optional use of Internal MAP as baro



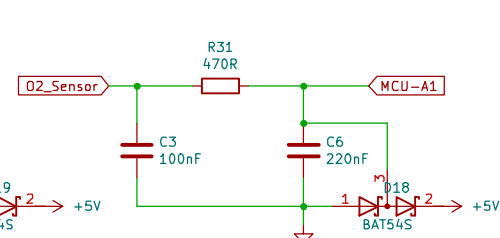
Throttle Position Sensor



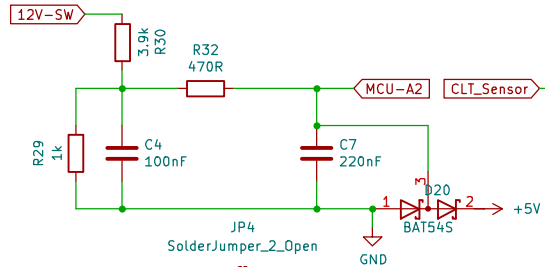
Inlet Air Temperature Sensor



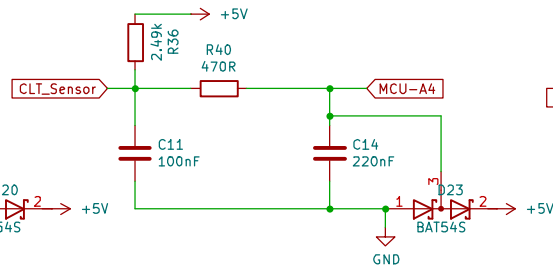
O2 Sensor



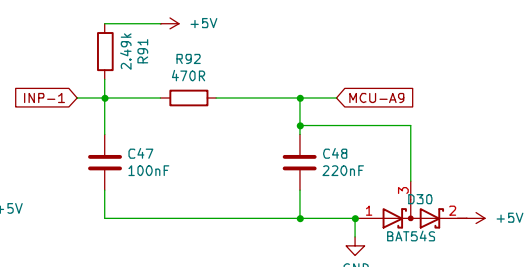
Battery reference voltage



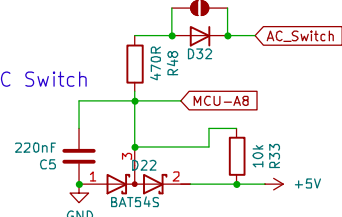
Coolant Temperature Sensor



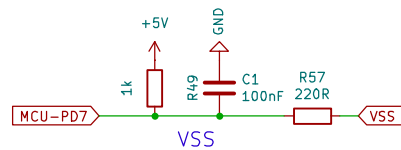
Spare Analog Input 1



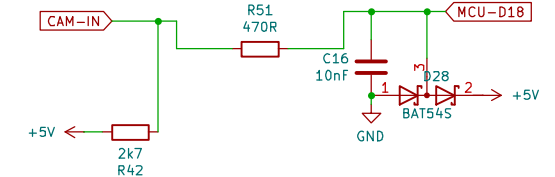
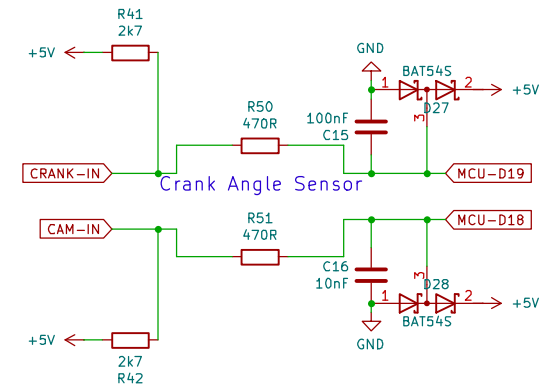
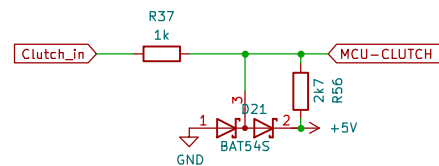
AC Switch



Change R48 to Diode to prevent 12v ac switch off



Clutch Input



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Sheet: /Inputs/

File: inputs.kicad_sch

Title: Compact

Size: A4

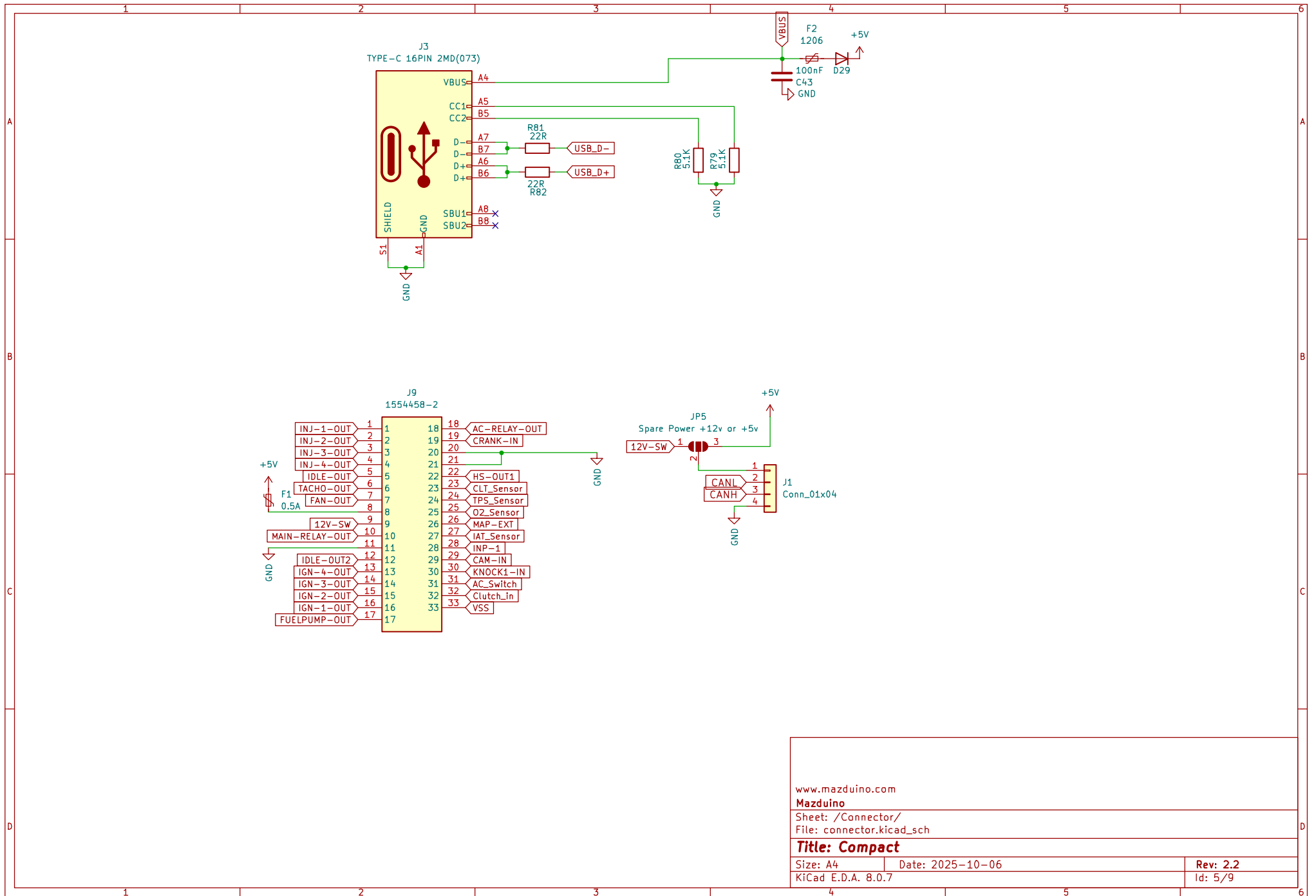
Date: 2025-10-06

Rev: 2.2

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Id: 3/9

Id: 4/9



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Sheet: /Connector/

File: connector.kicad_sch

Title: Compact

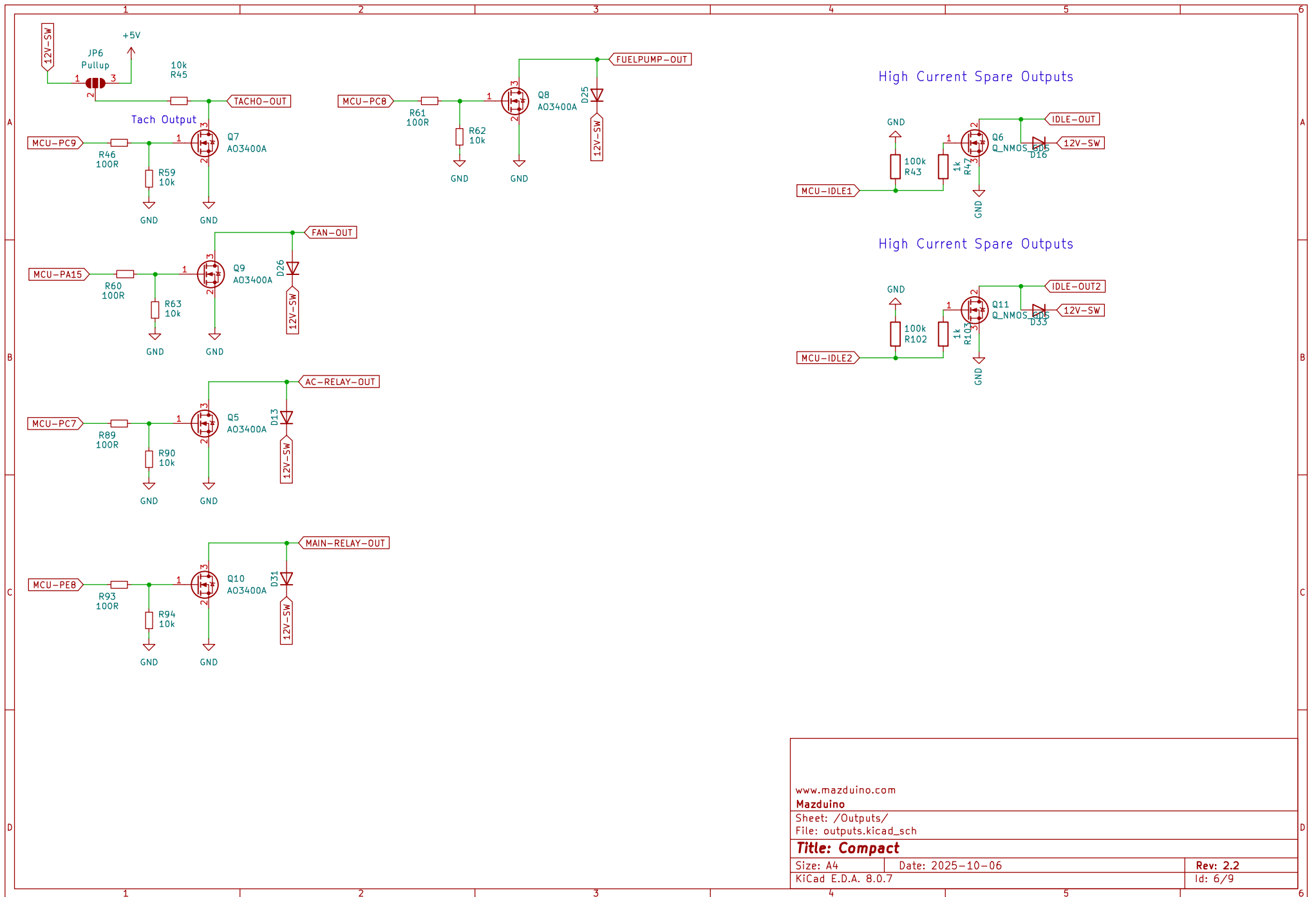
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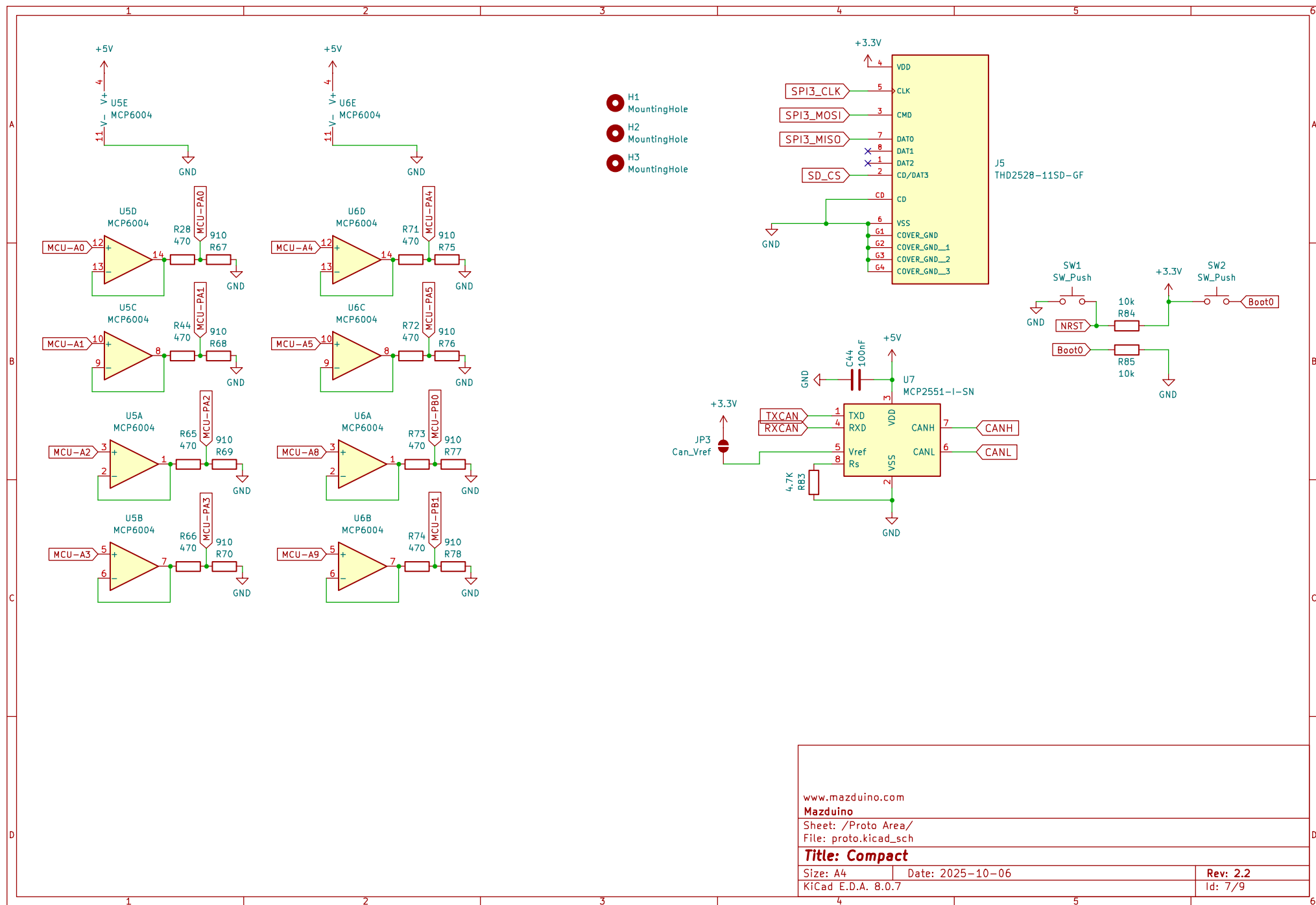
Date: 2025-10-06

Rev: 2.2

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Id: 5/9





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Sheet: /Proto Area/

File: proto.kicad_sch

Title: Compact

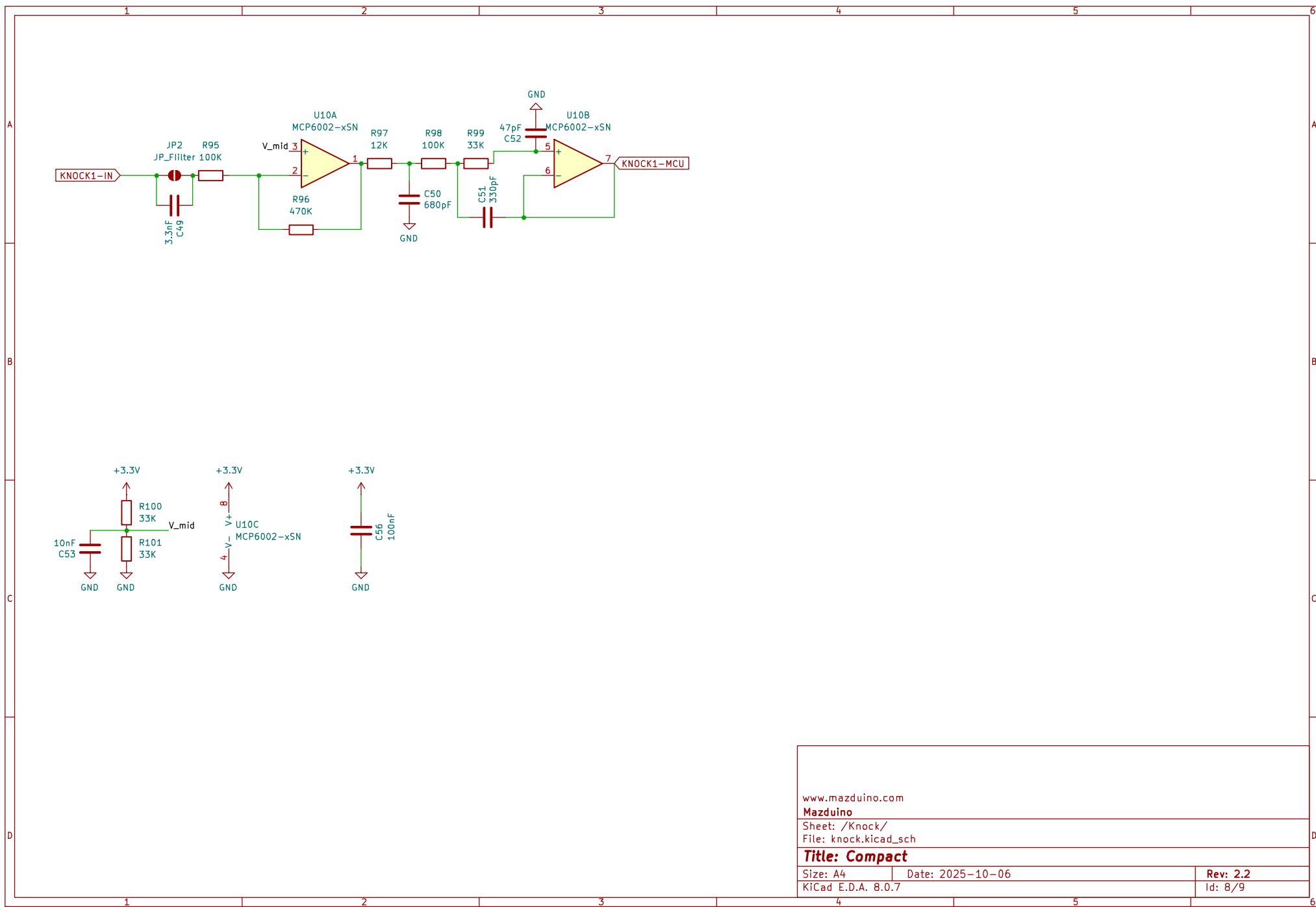
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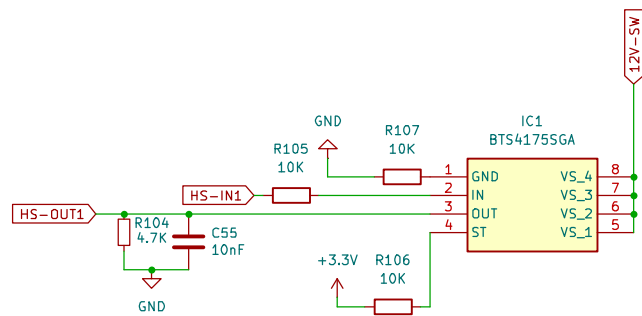
Date: 2025-10-06

Rev: 2.2

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Id: 7/9





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Sheet: /High Side/

File: high_side.kicad_sch

Title: Compact

Size: A4

Date: 2025-10-06

Rev: 2.2

KiCad E.D.A. 8.0.7

Id: 9/9