

MOSFET Bridge

Sheet: /drivergates1/
File: gates.kicad_sch

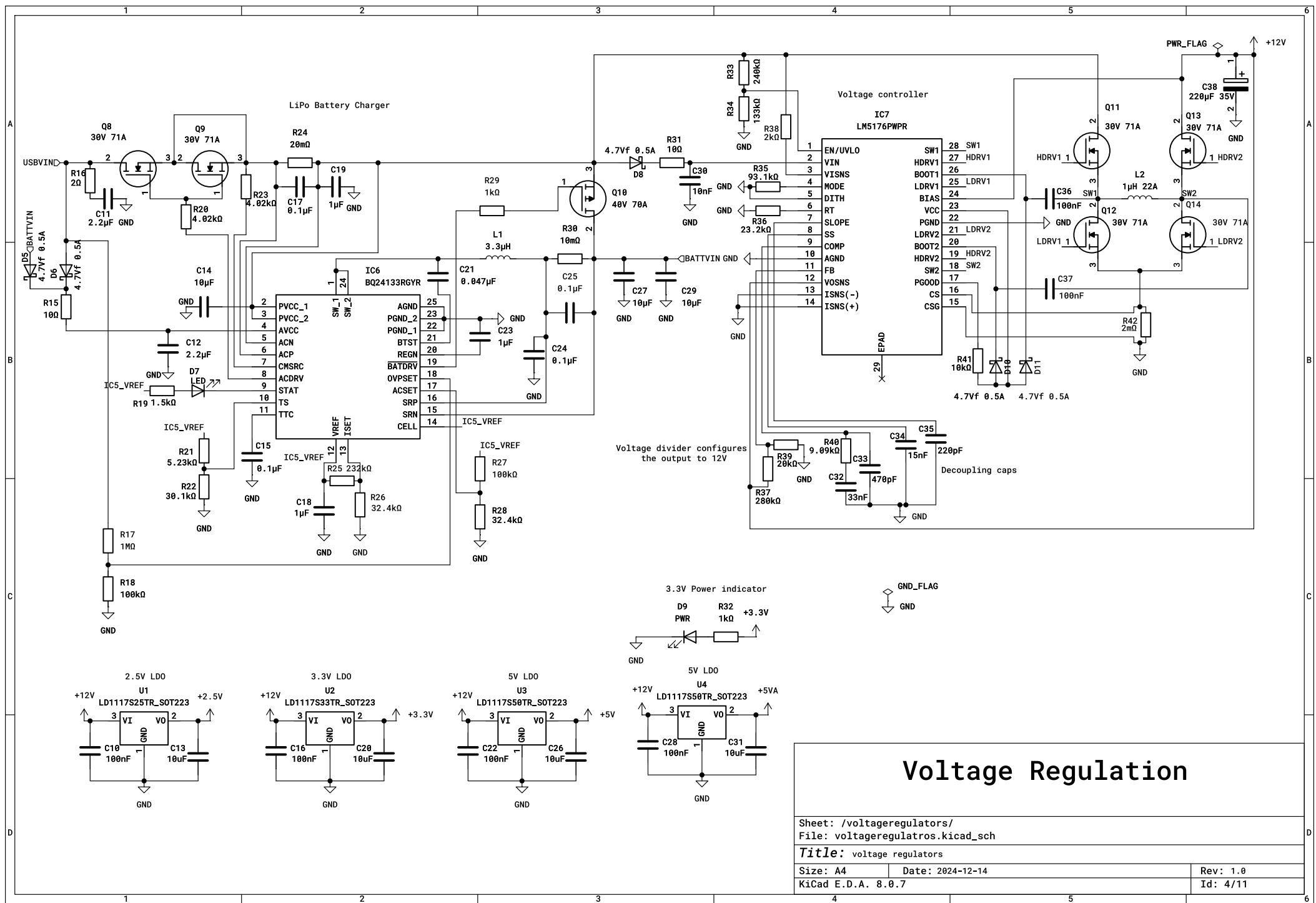
Title: driver gates

Size: A4 Date: 2024-12-14

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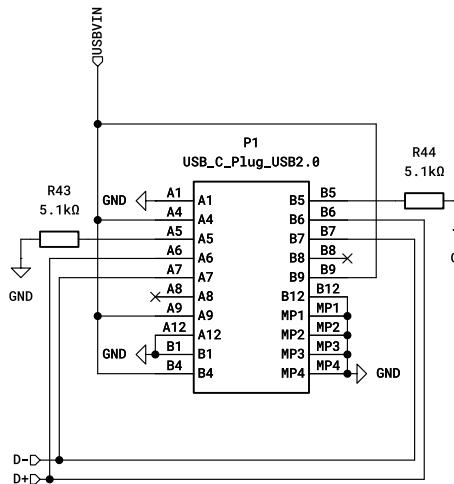
Rev: 1.0

Id: 3/11

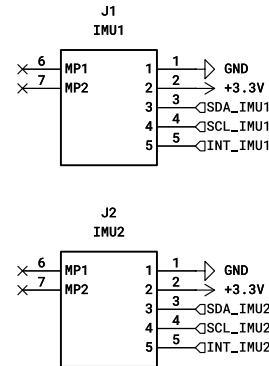


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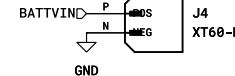
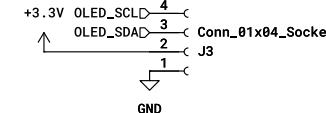
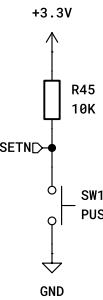
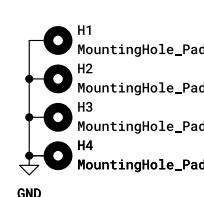
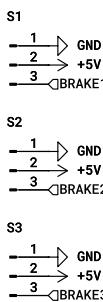
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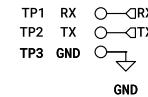
FFC (Flat Flexible Connector) to IMU
Dont need SA0 pin, because
we have 2 sep i2c lines



Servo Headers



Microcontroller debug



Programming interface

Sheet: /IO/
File: IO.kicad_sch

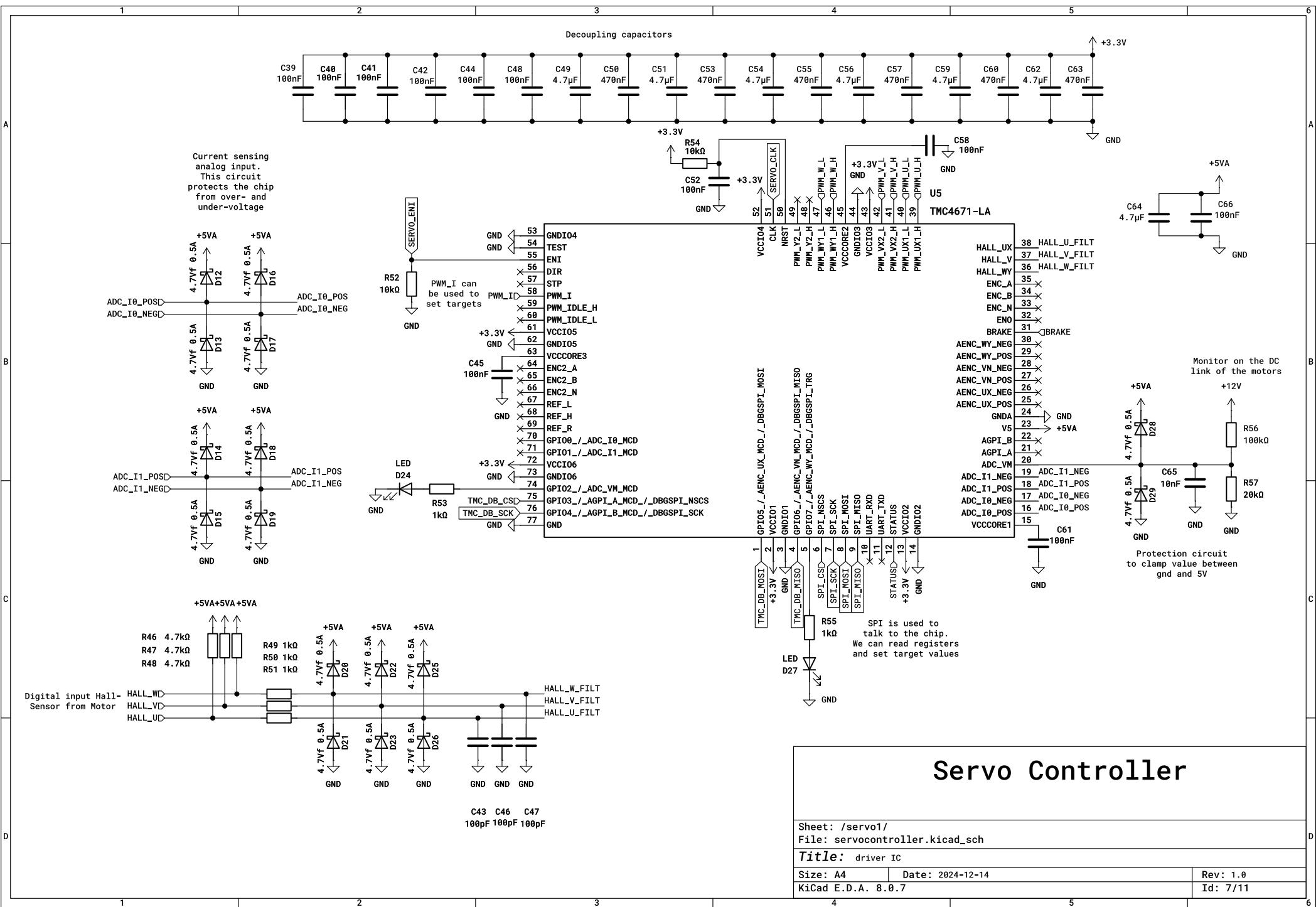
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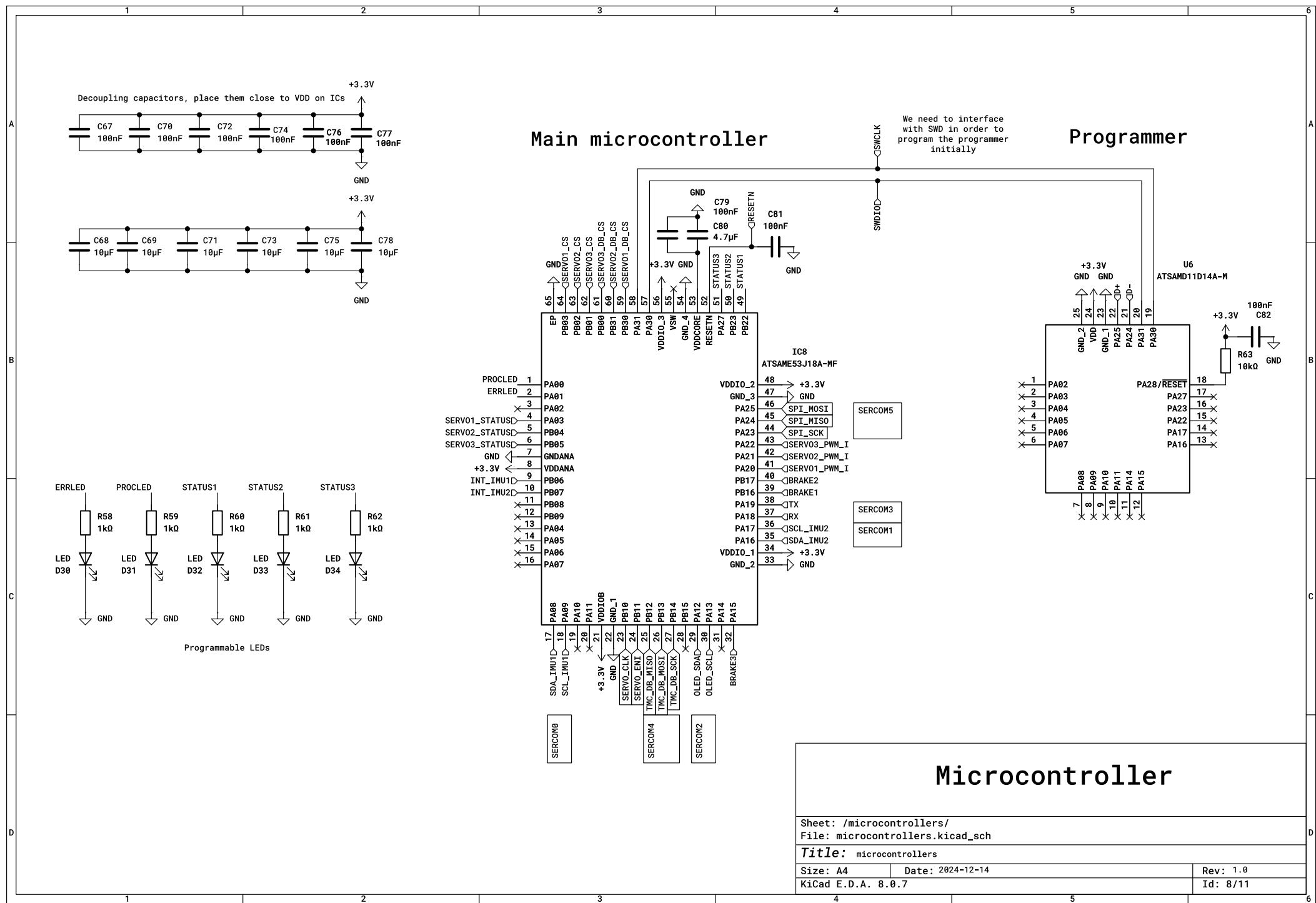
Size: A4 Date: 2024-12-14

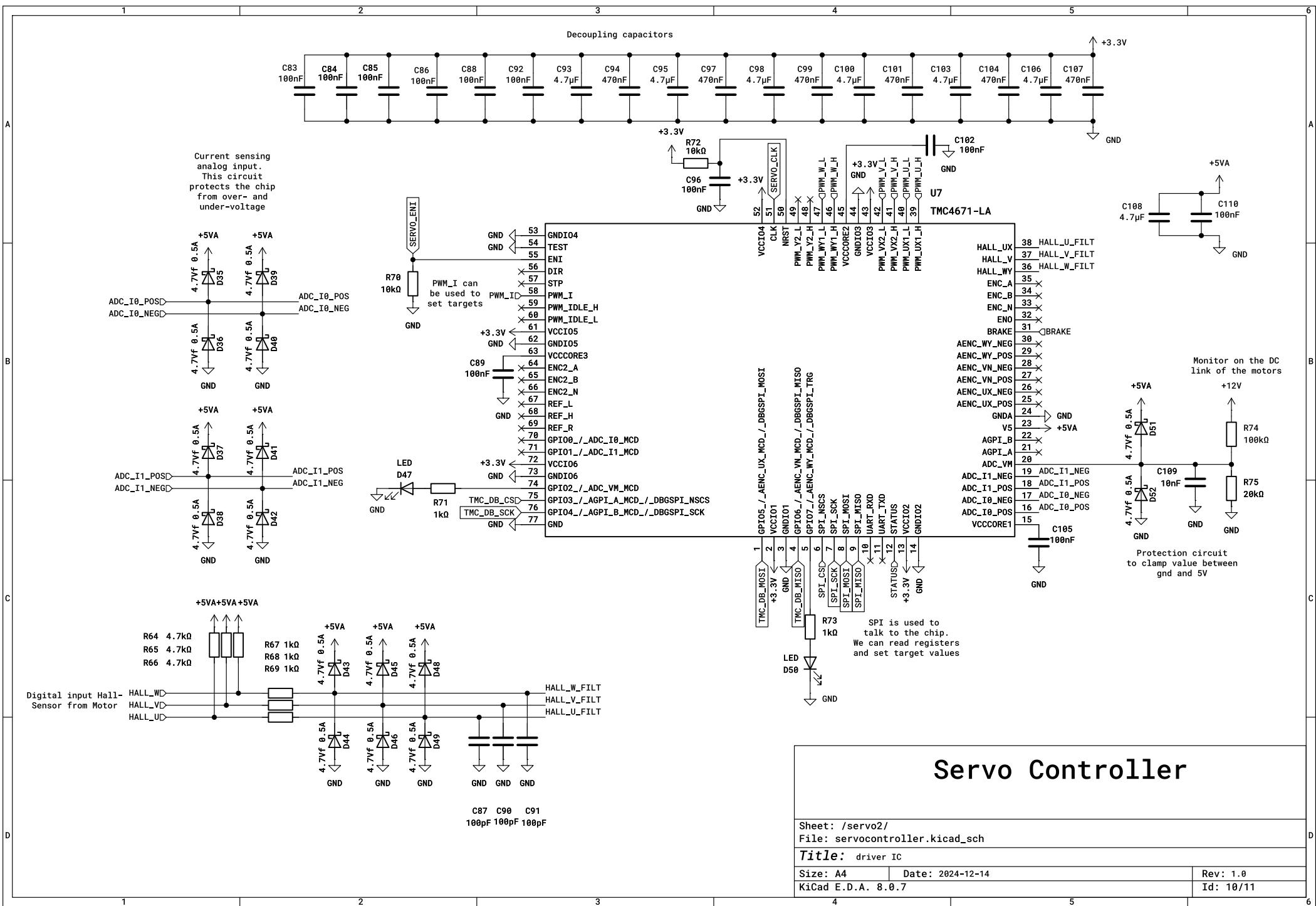
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General IO

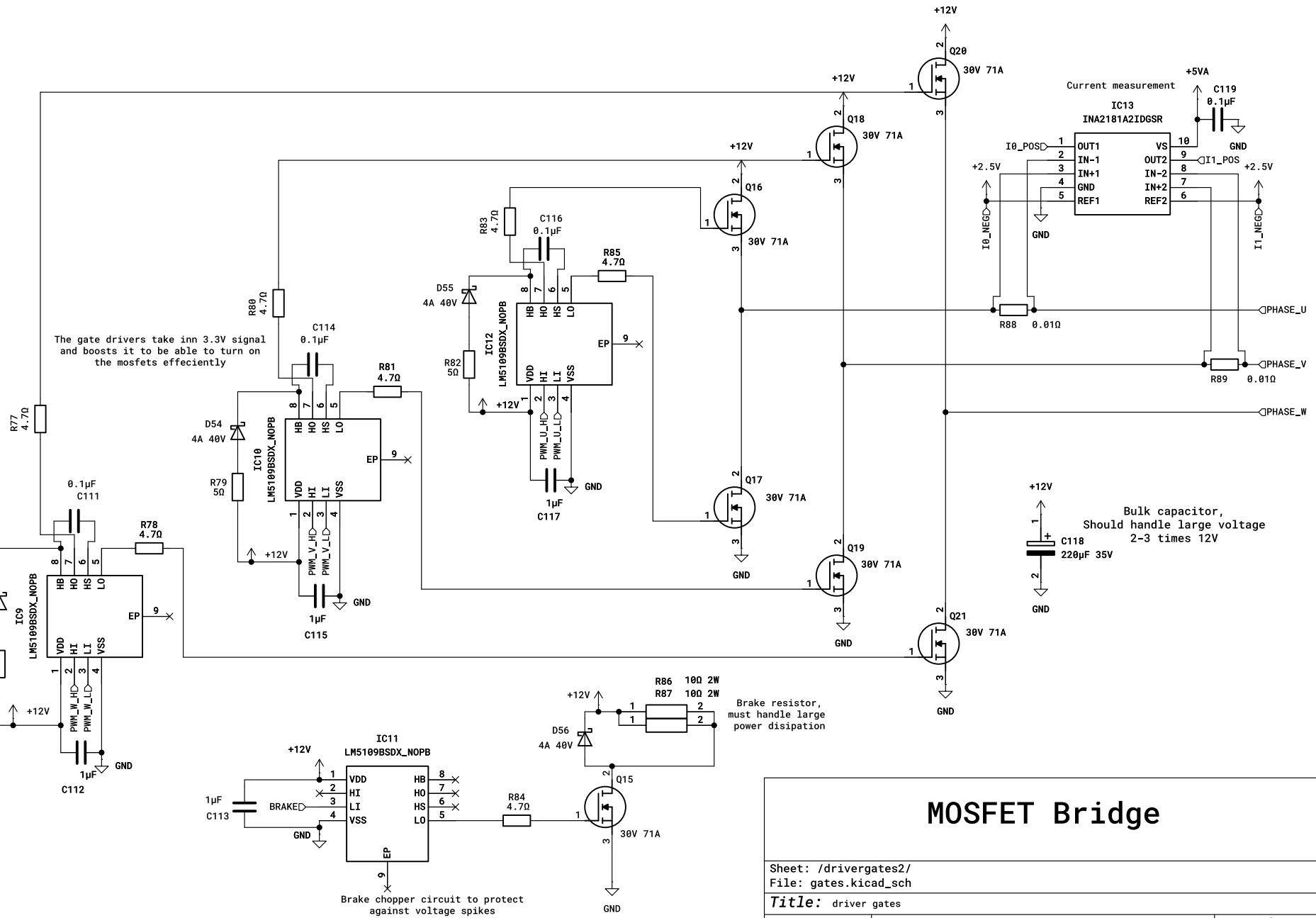
Rev: 1.0
Id: 5/11

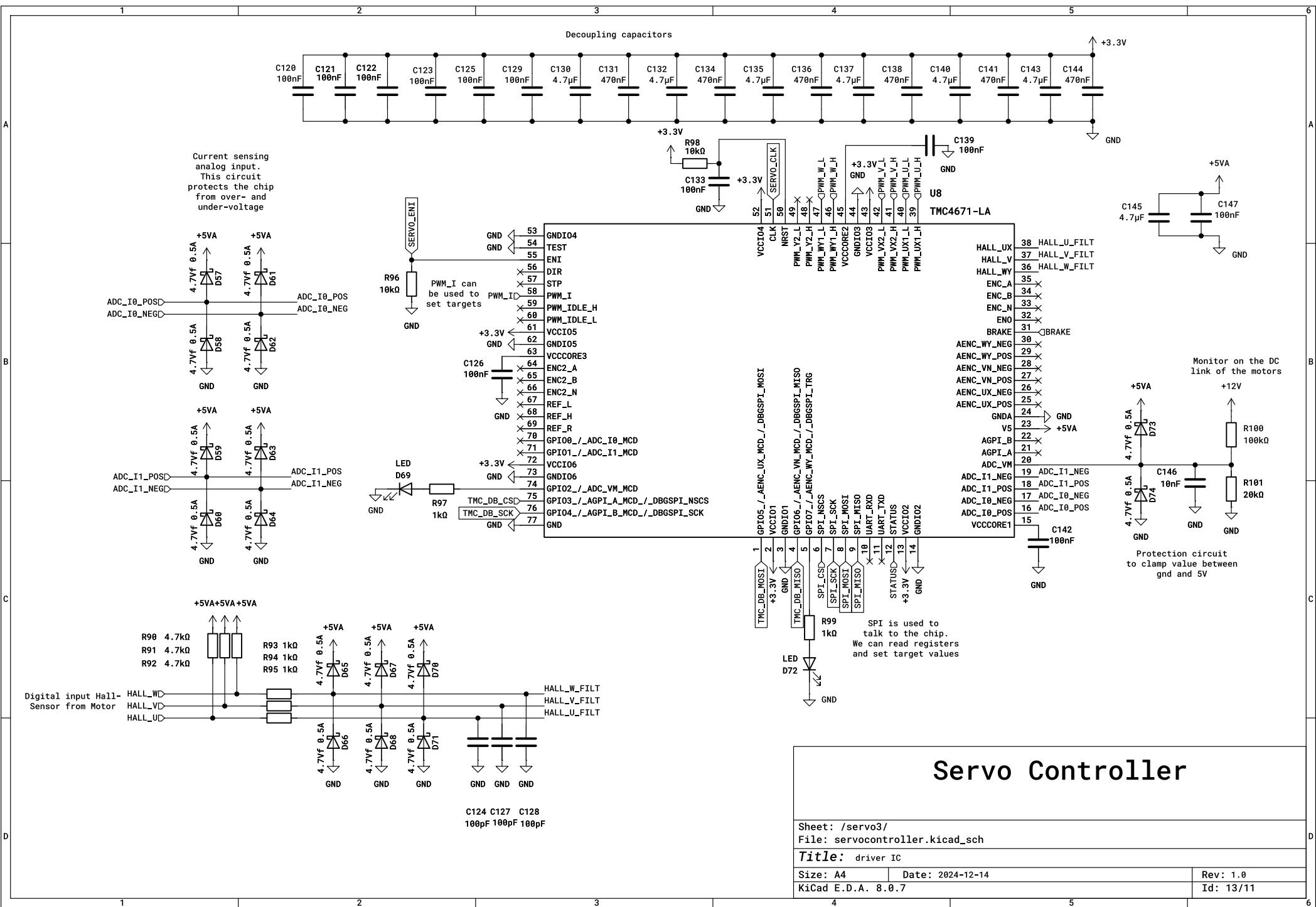


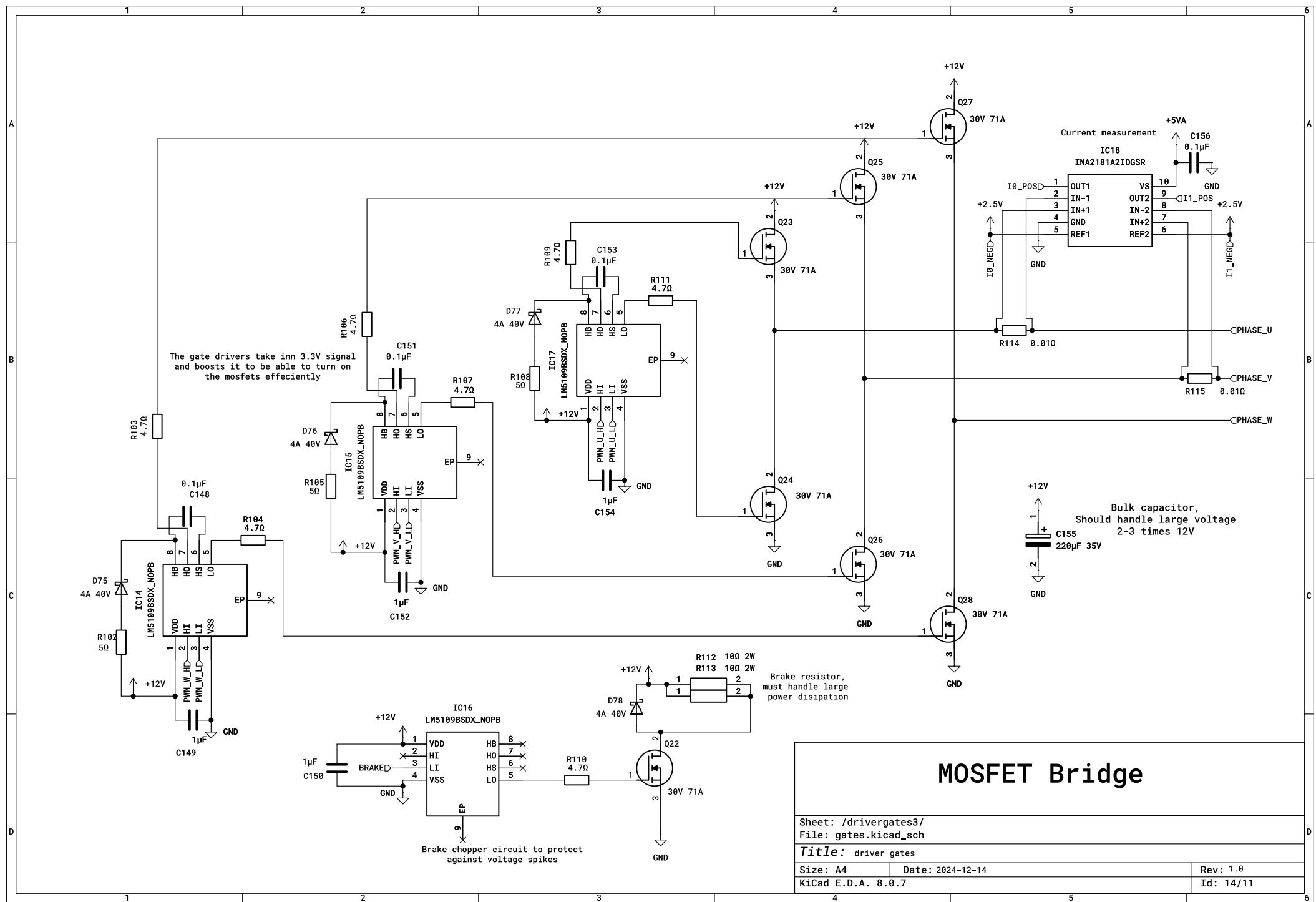




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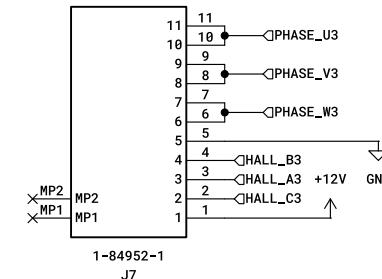
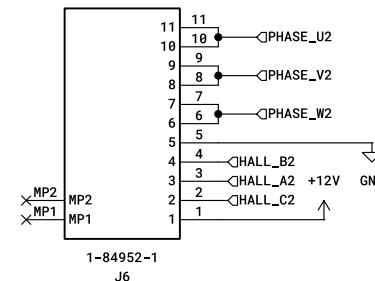
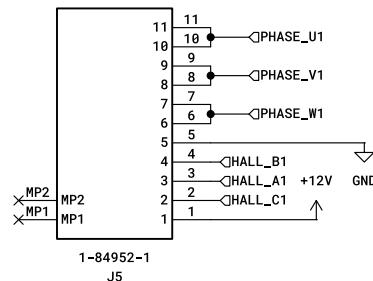
A

A

B

B

MP1 & MP2 are mounting pins



C

C

D

D

Motor Headers

Sheet: /motorIO/
File: motorIO.kicad_sch

Title: hall & phases

Size: A4 Date: 2024-12-14

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Rev: 1.0

Id: 15/11