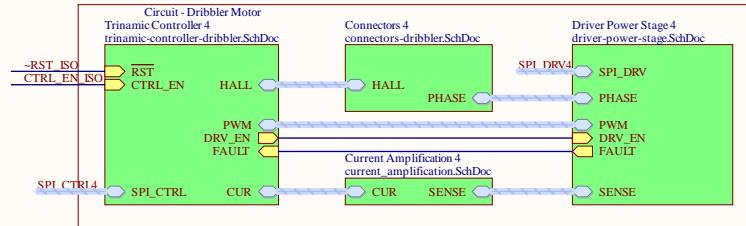
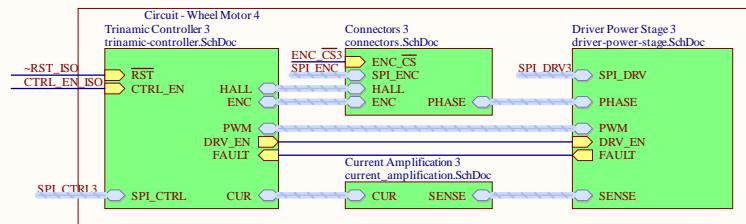
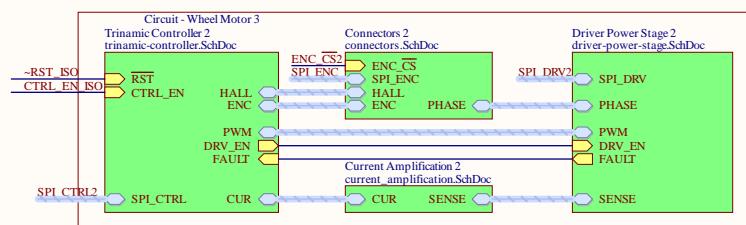
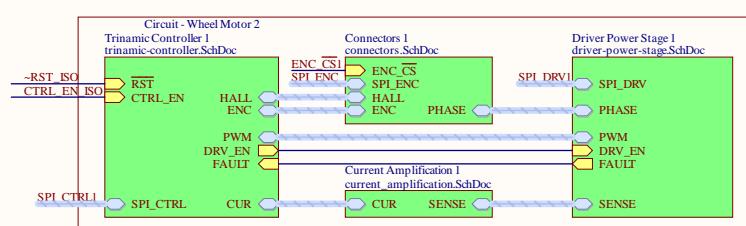
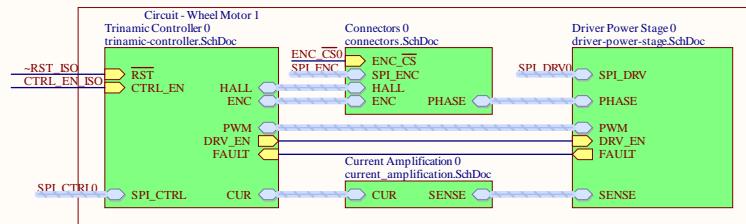
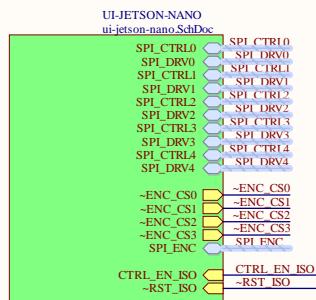
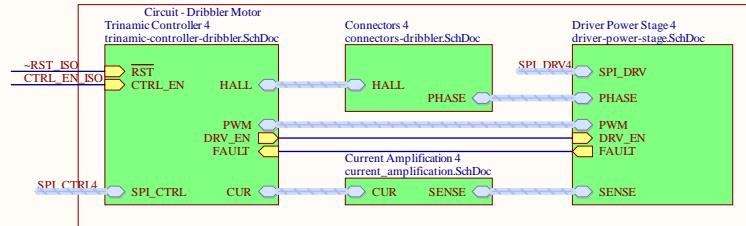
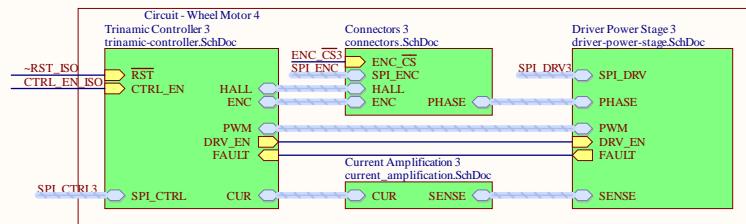
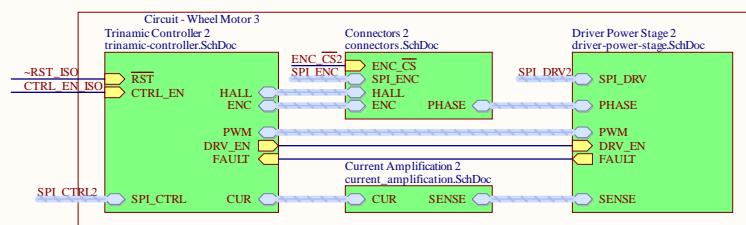
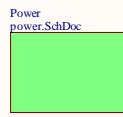


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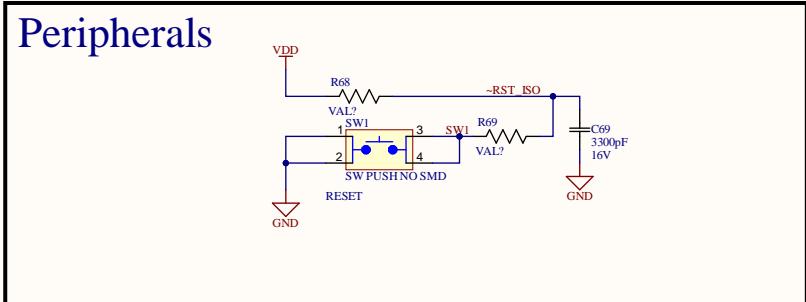
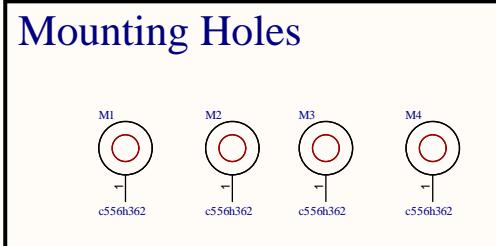
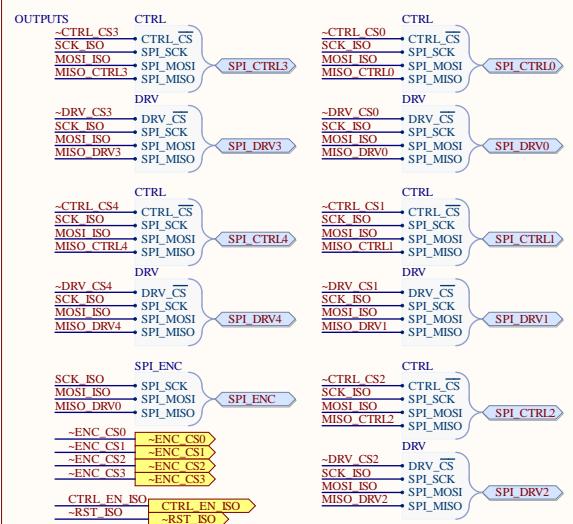
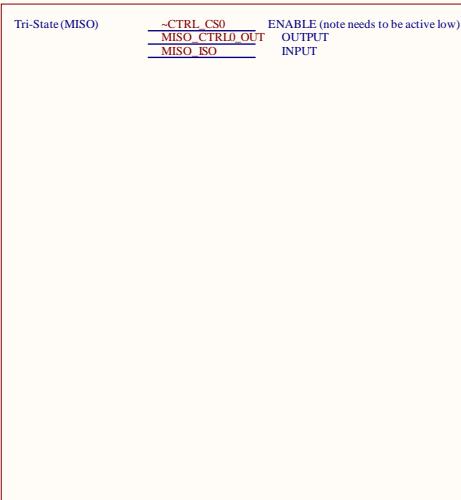
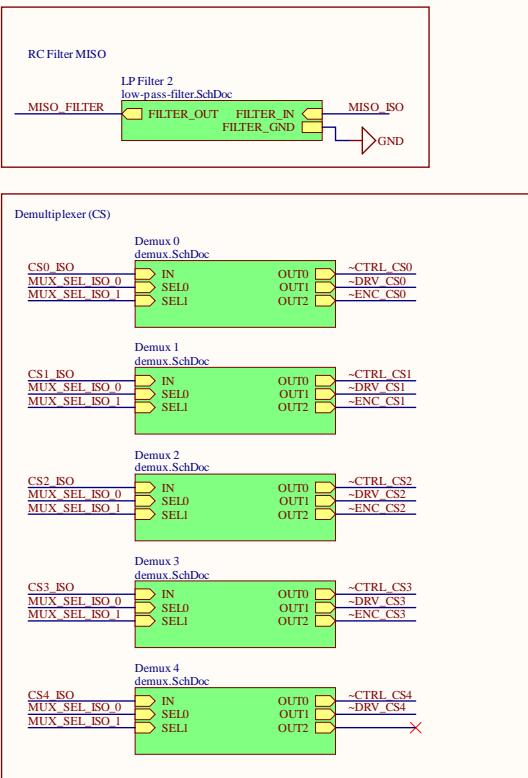
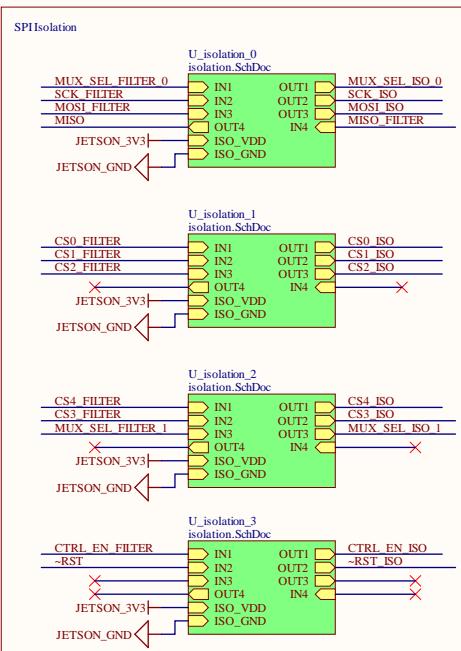
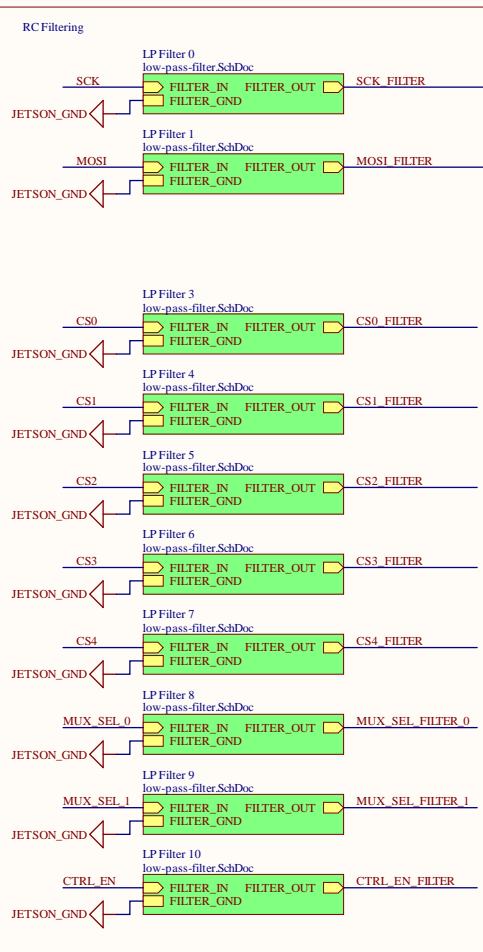
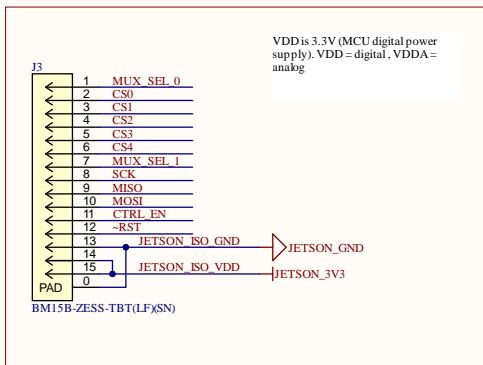


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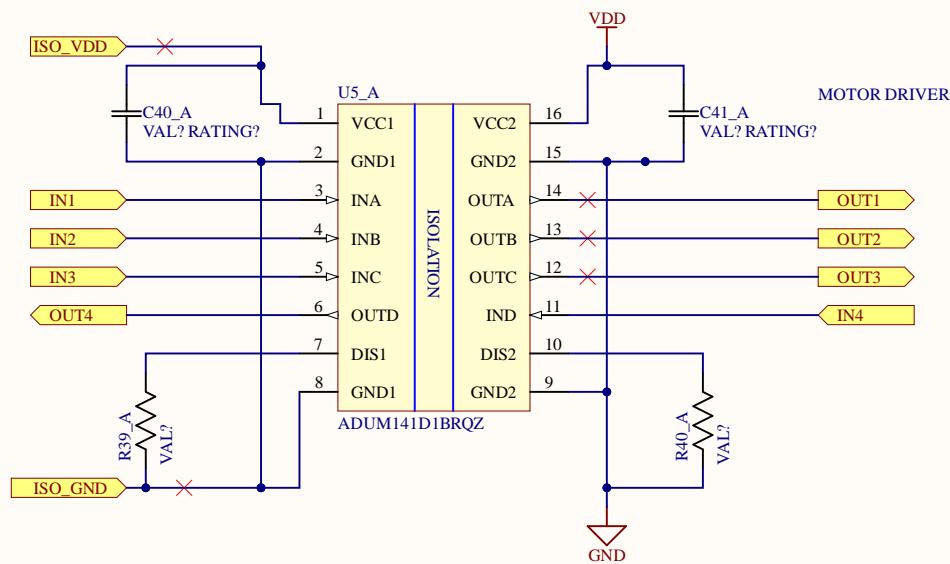
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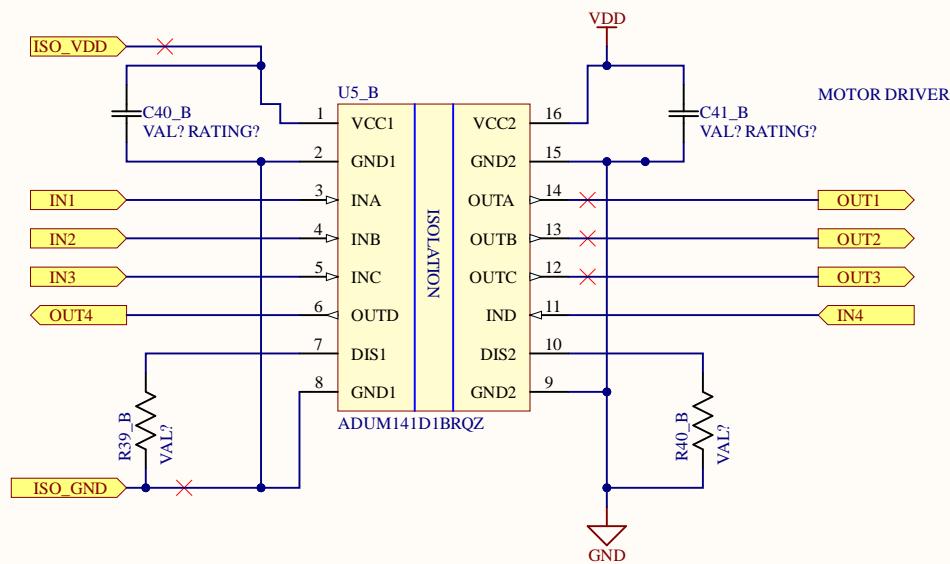
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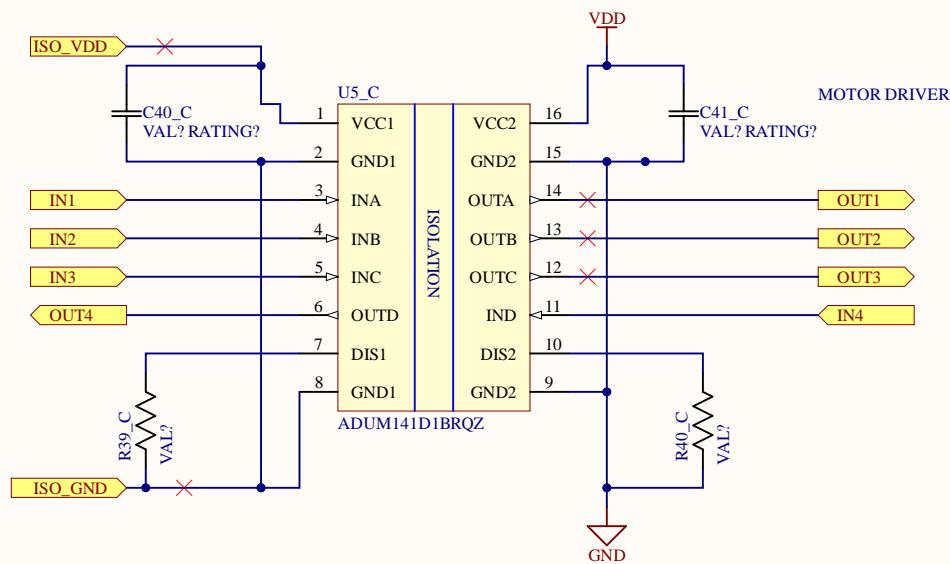
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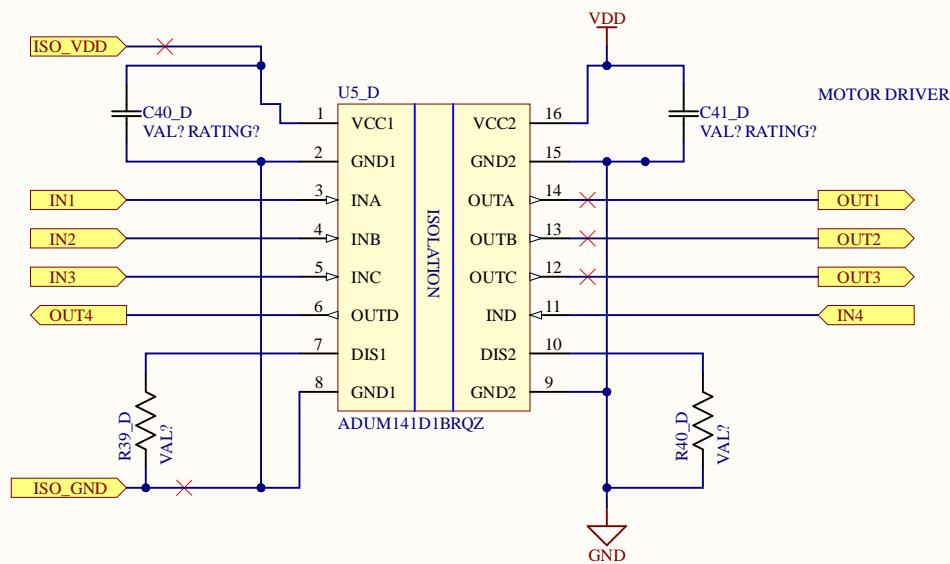
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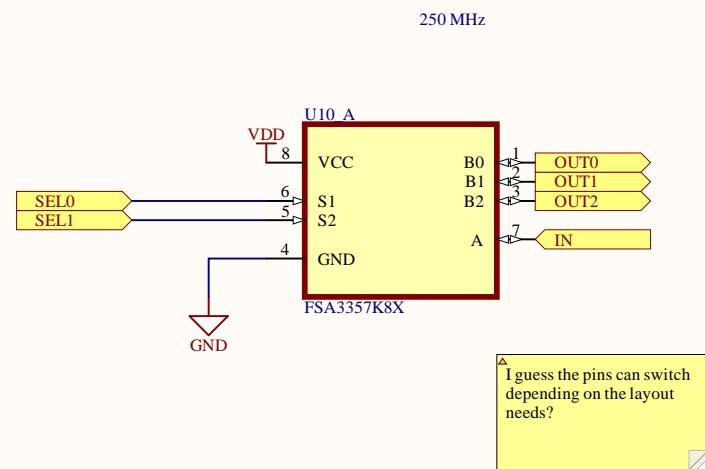
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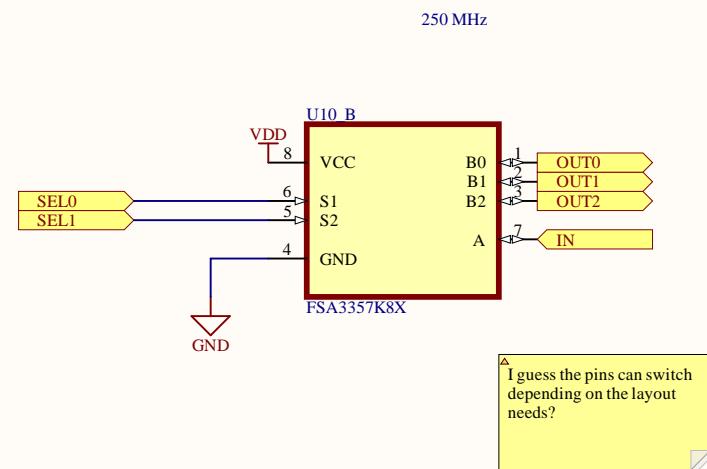
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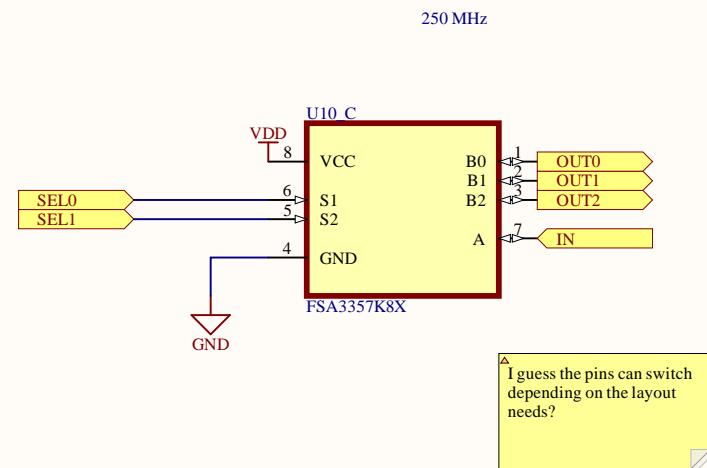
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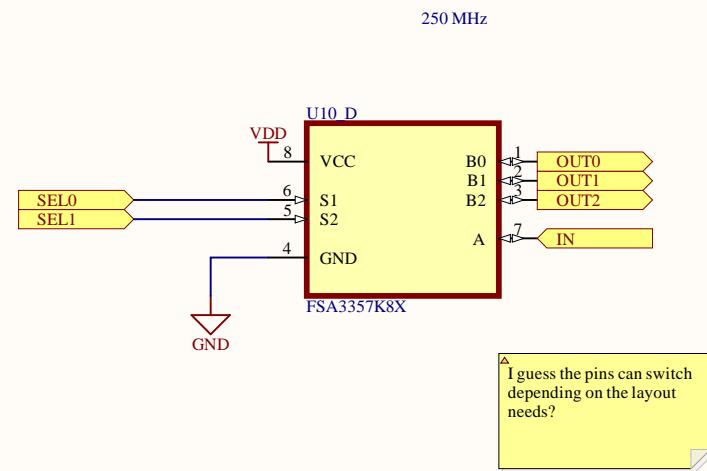
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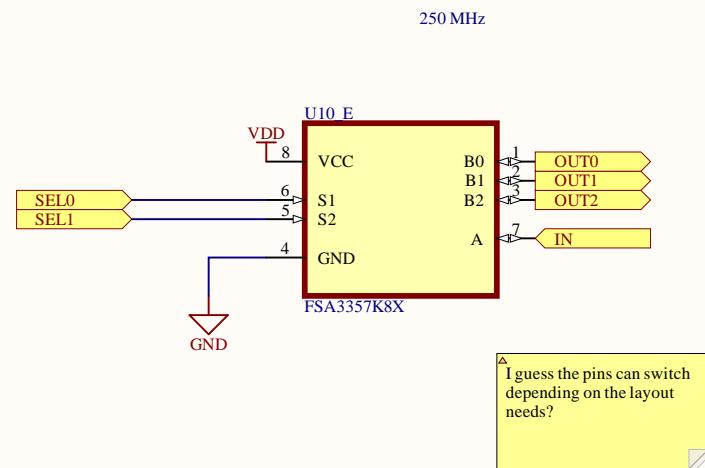
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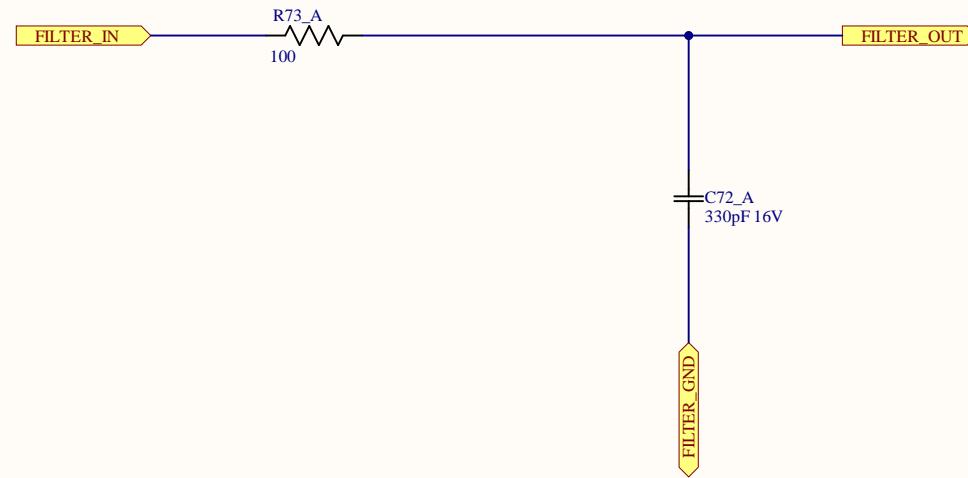
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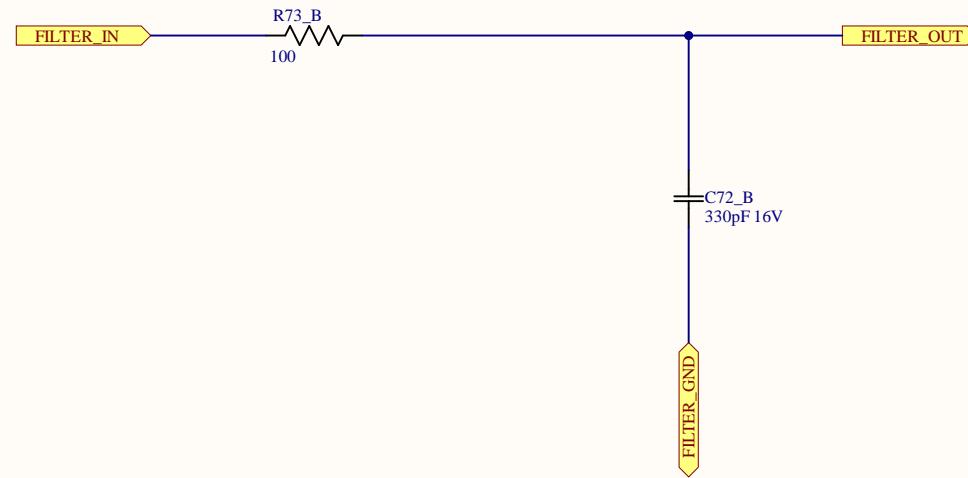
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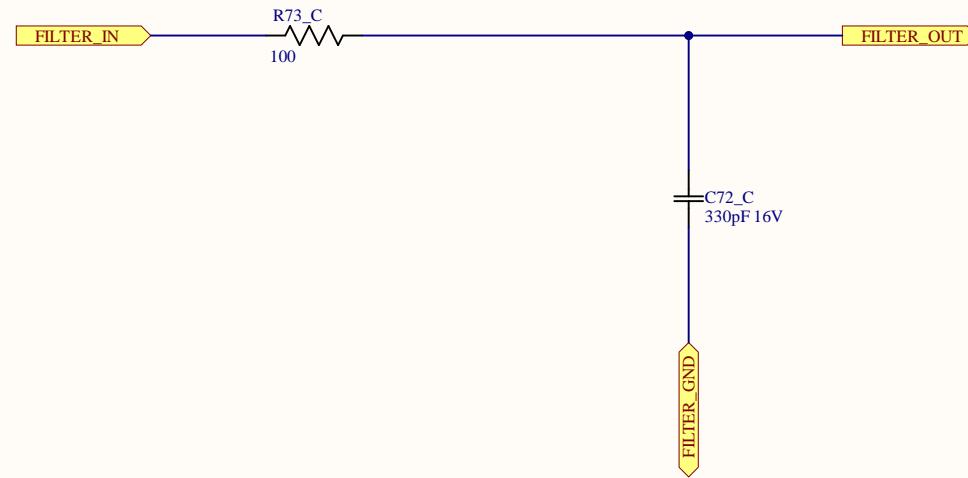
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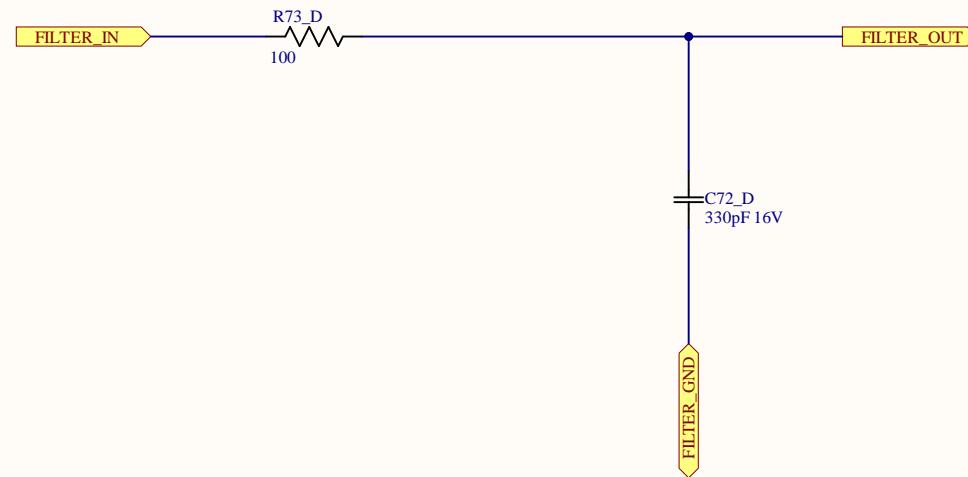
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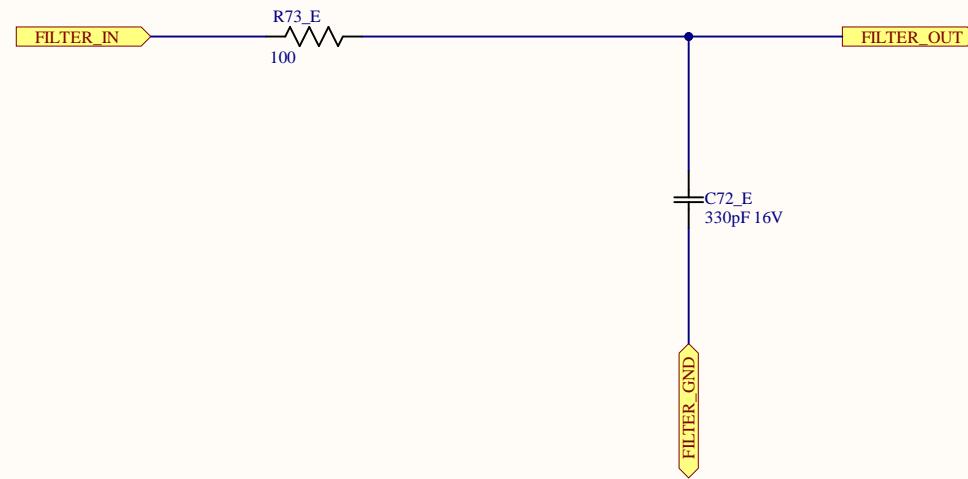
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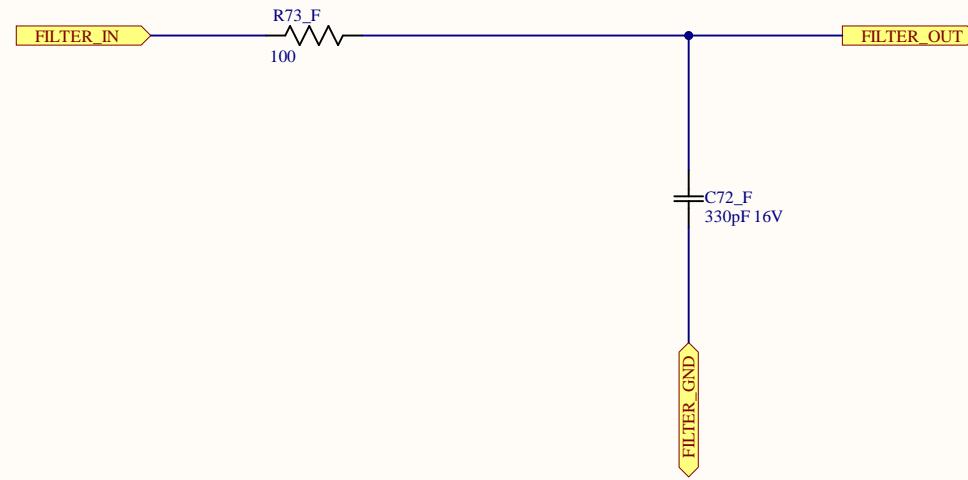
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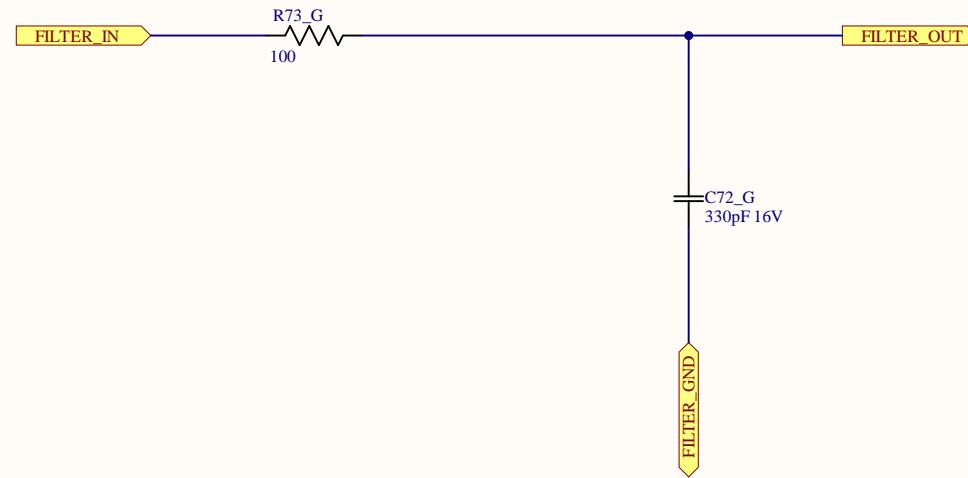
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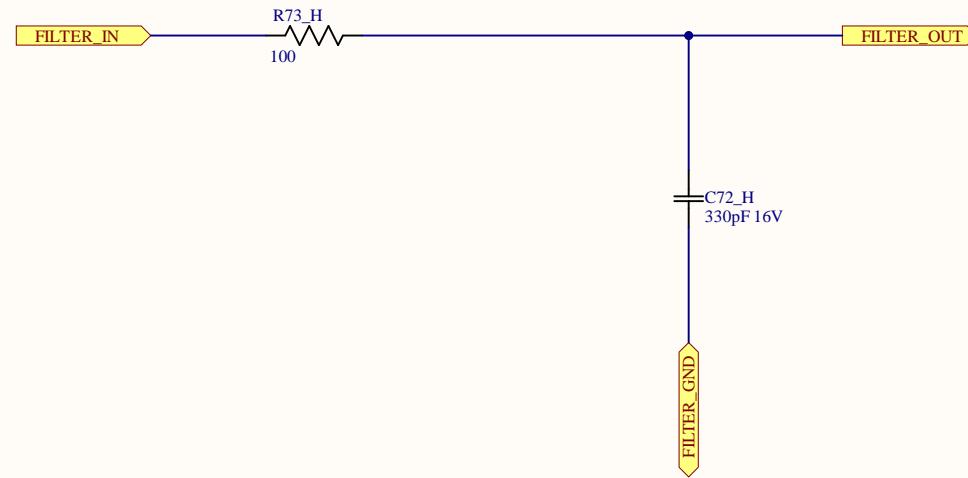
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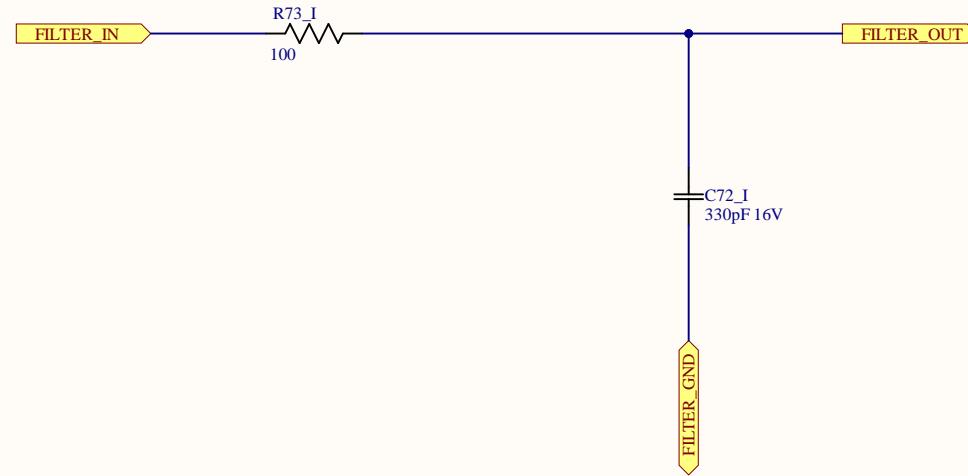
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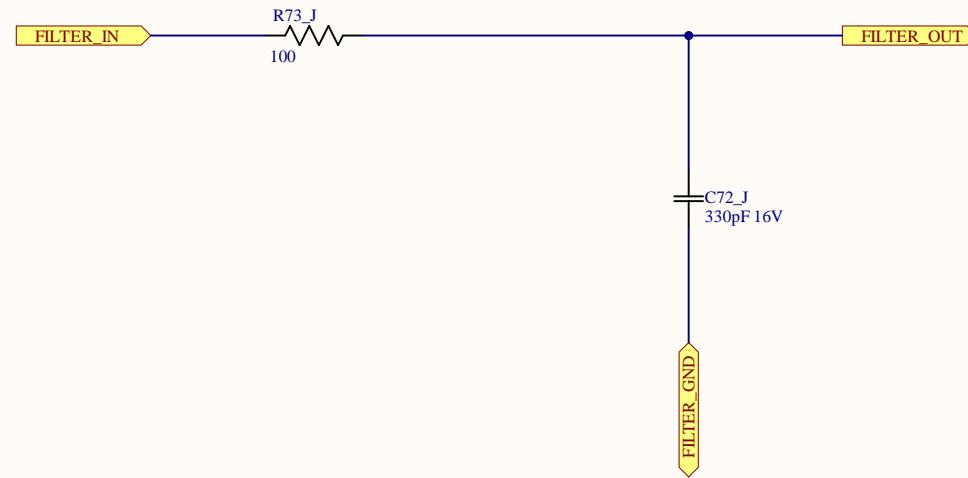
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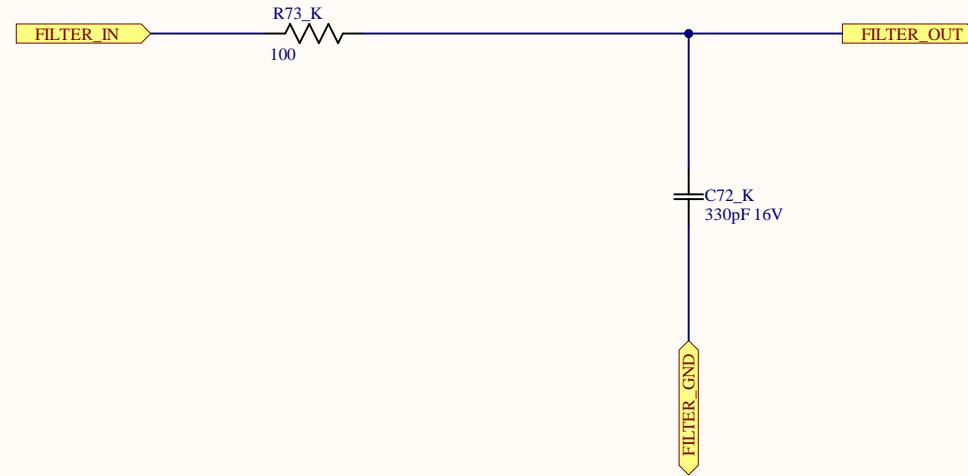
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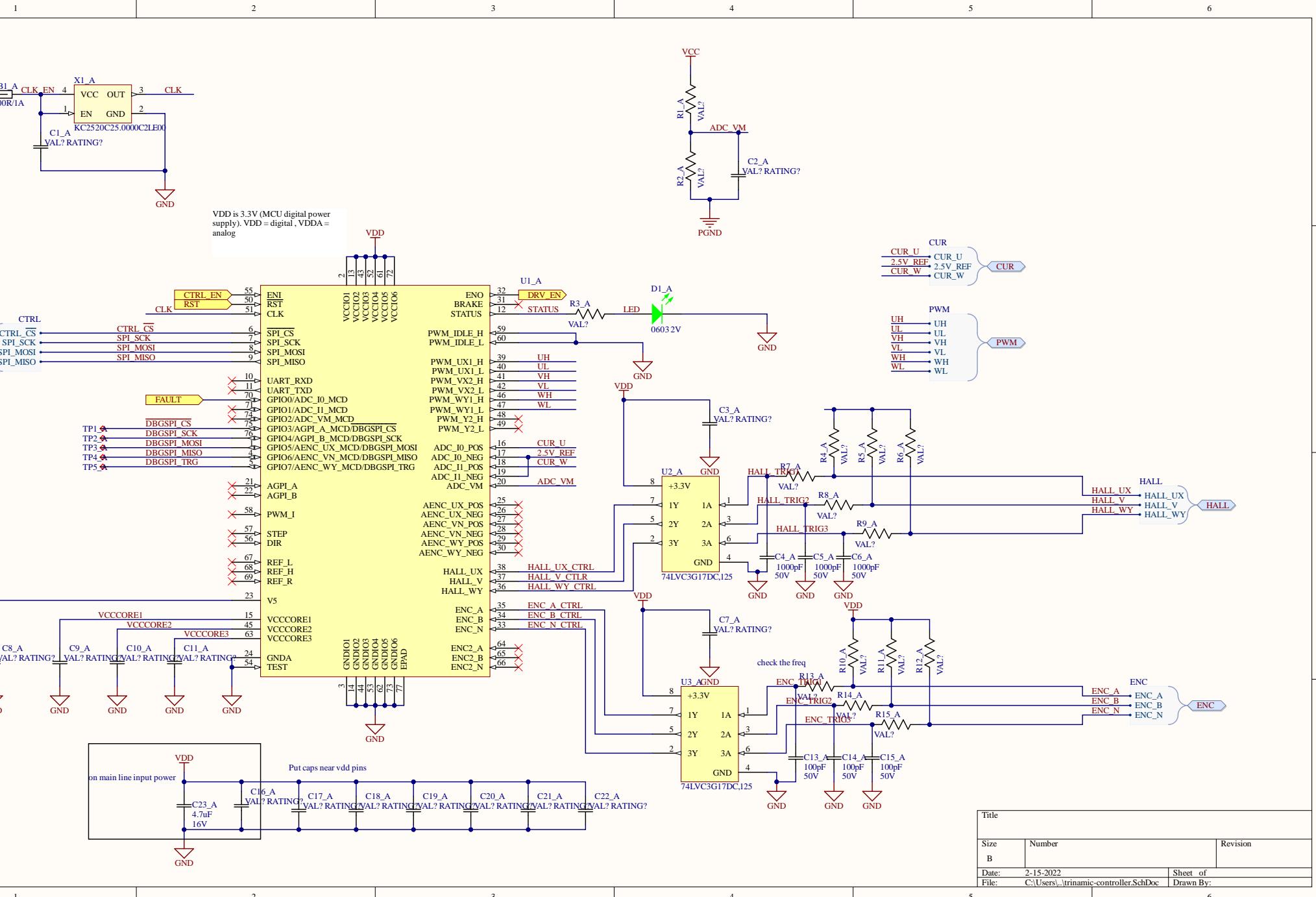
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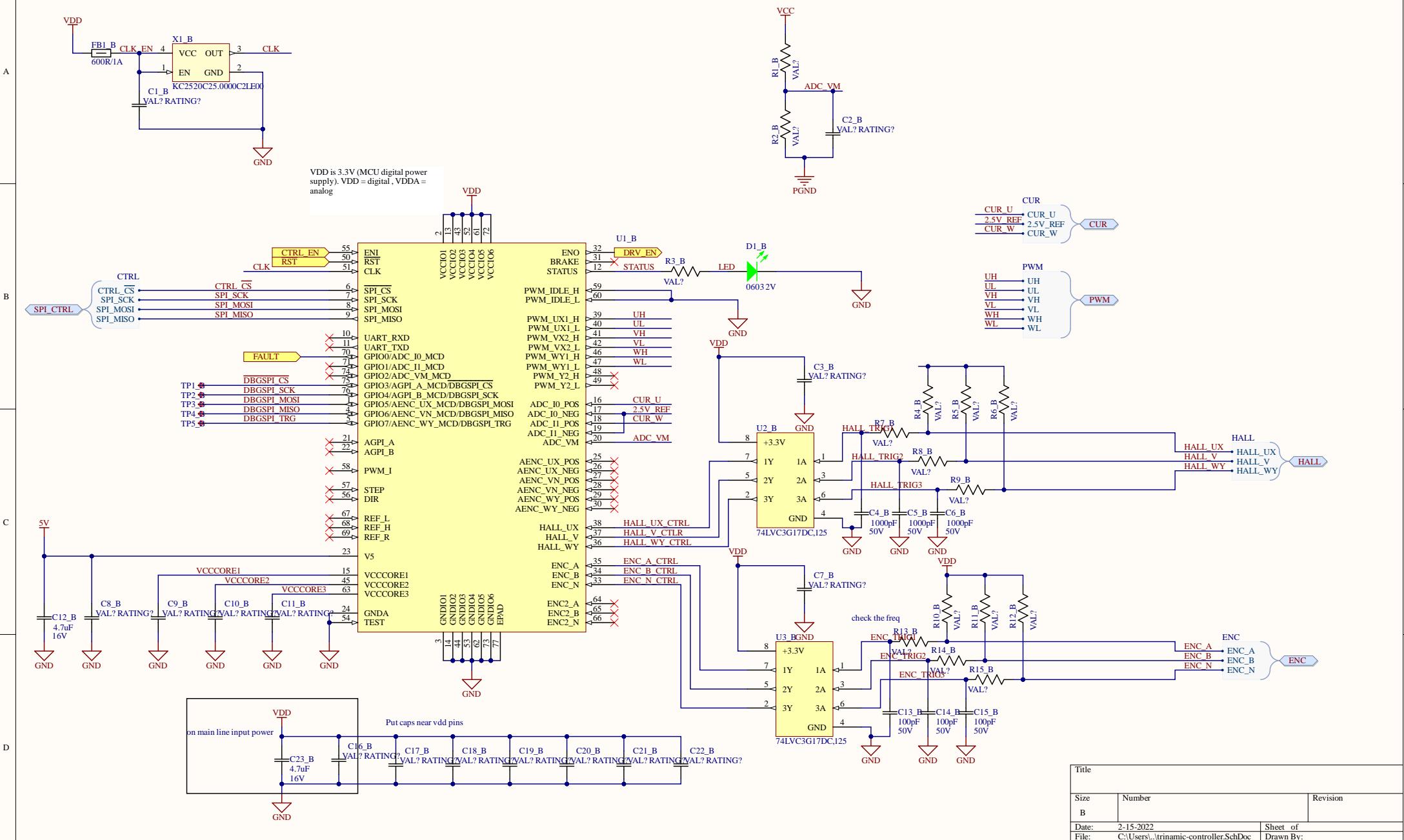
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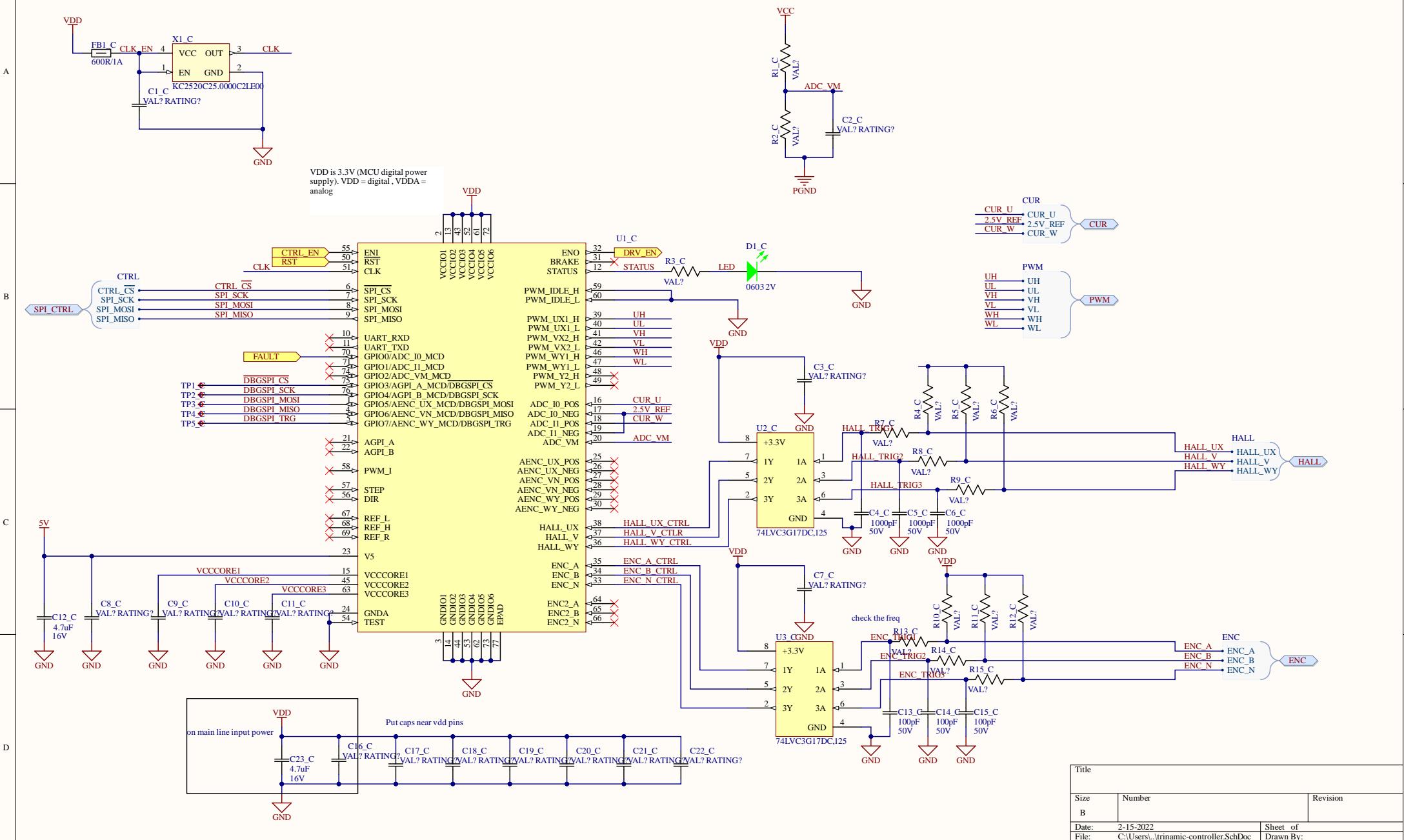


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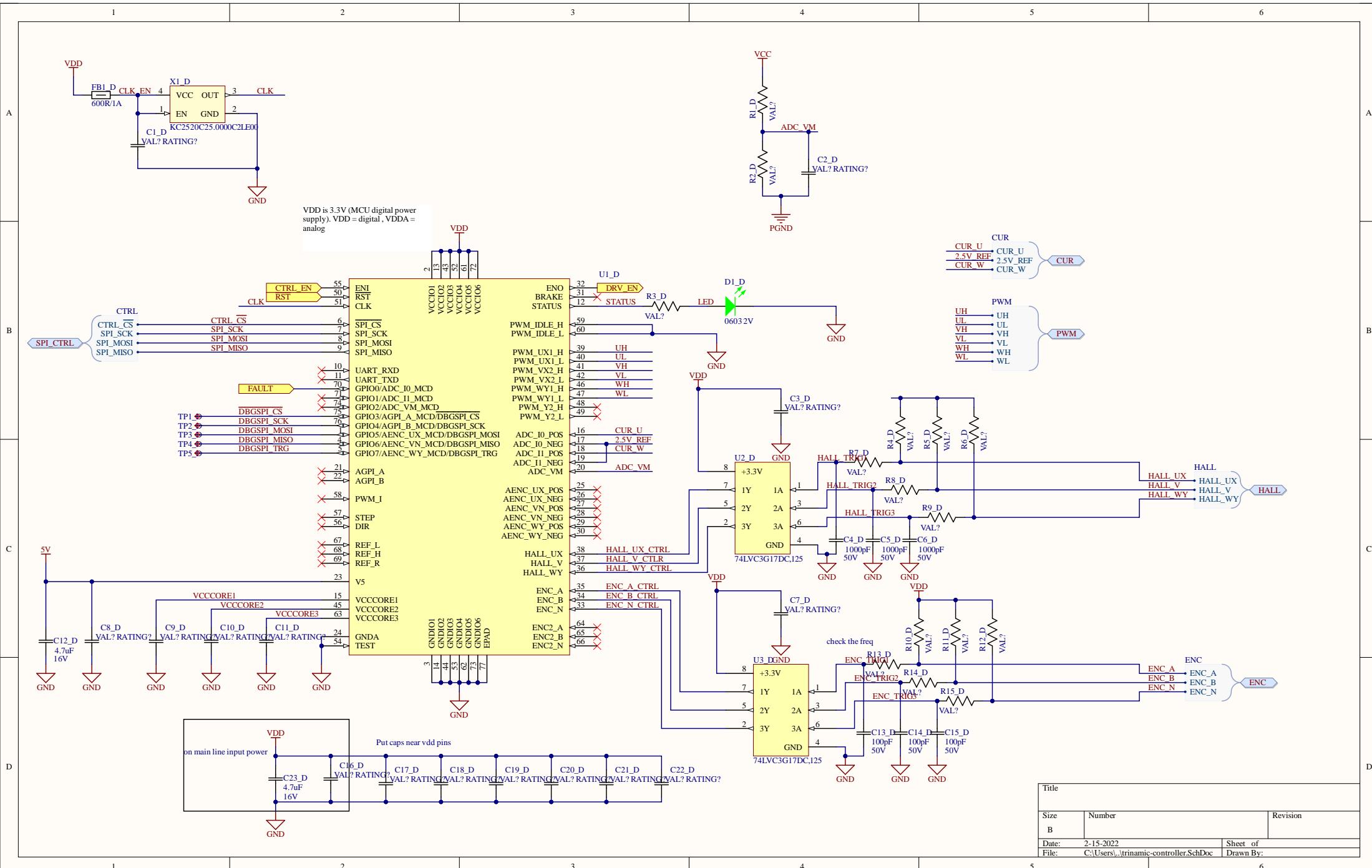
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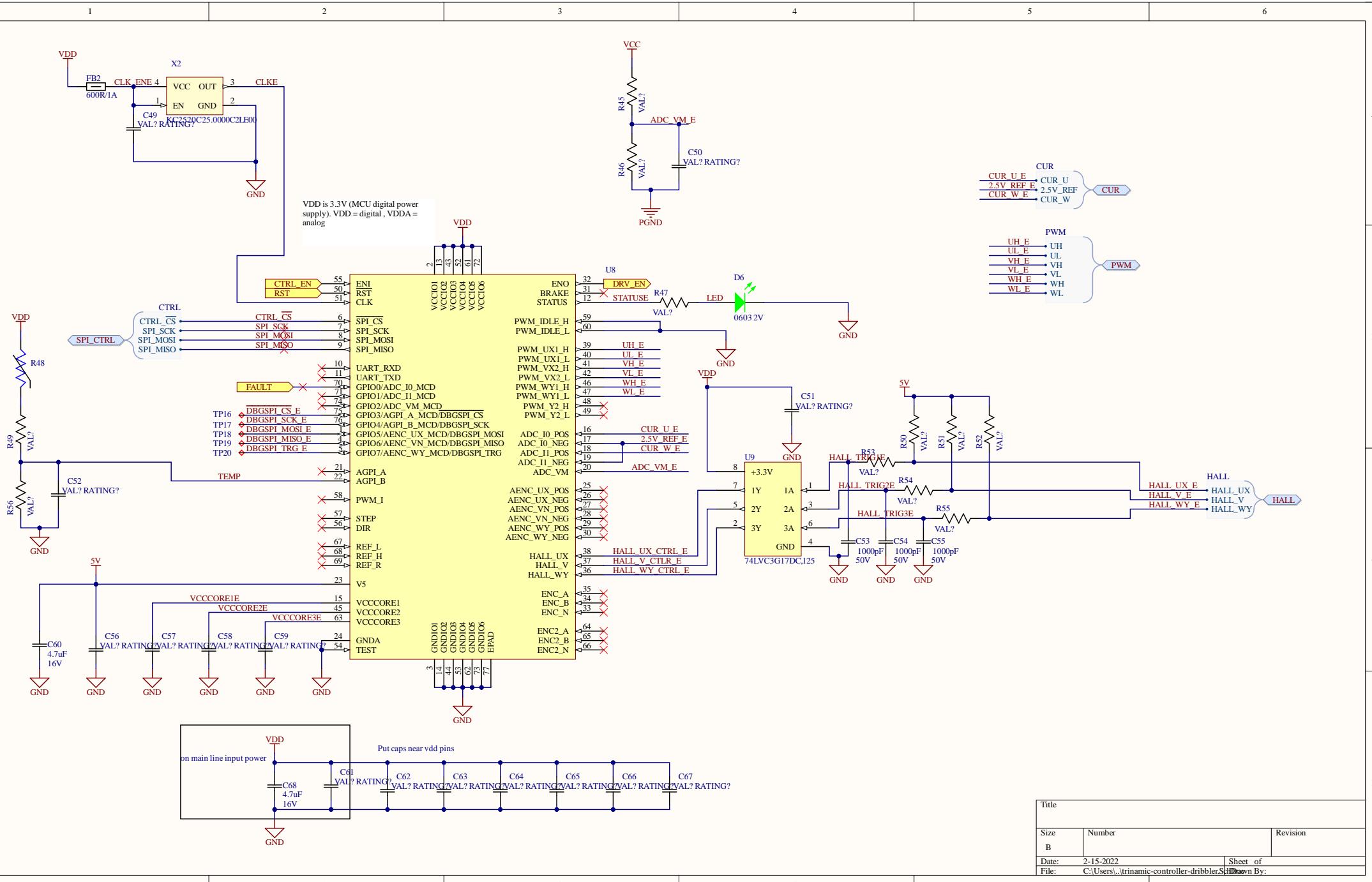
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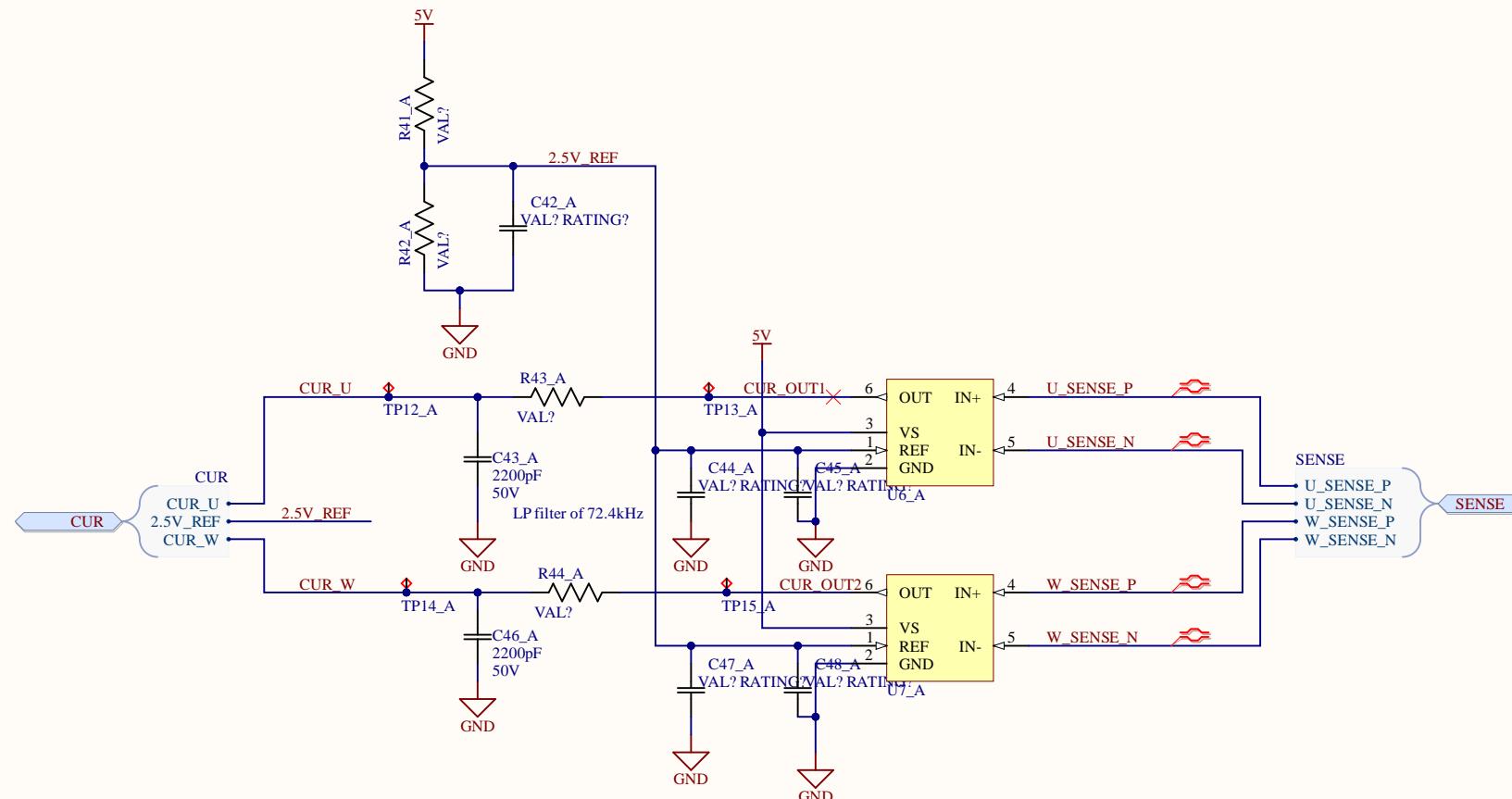


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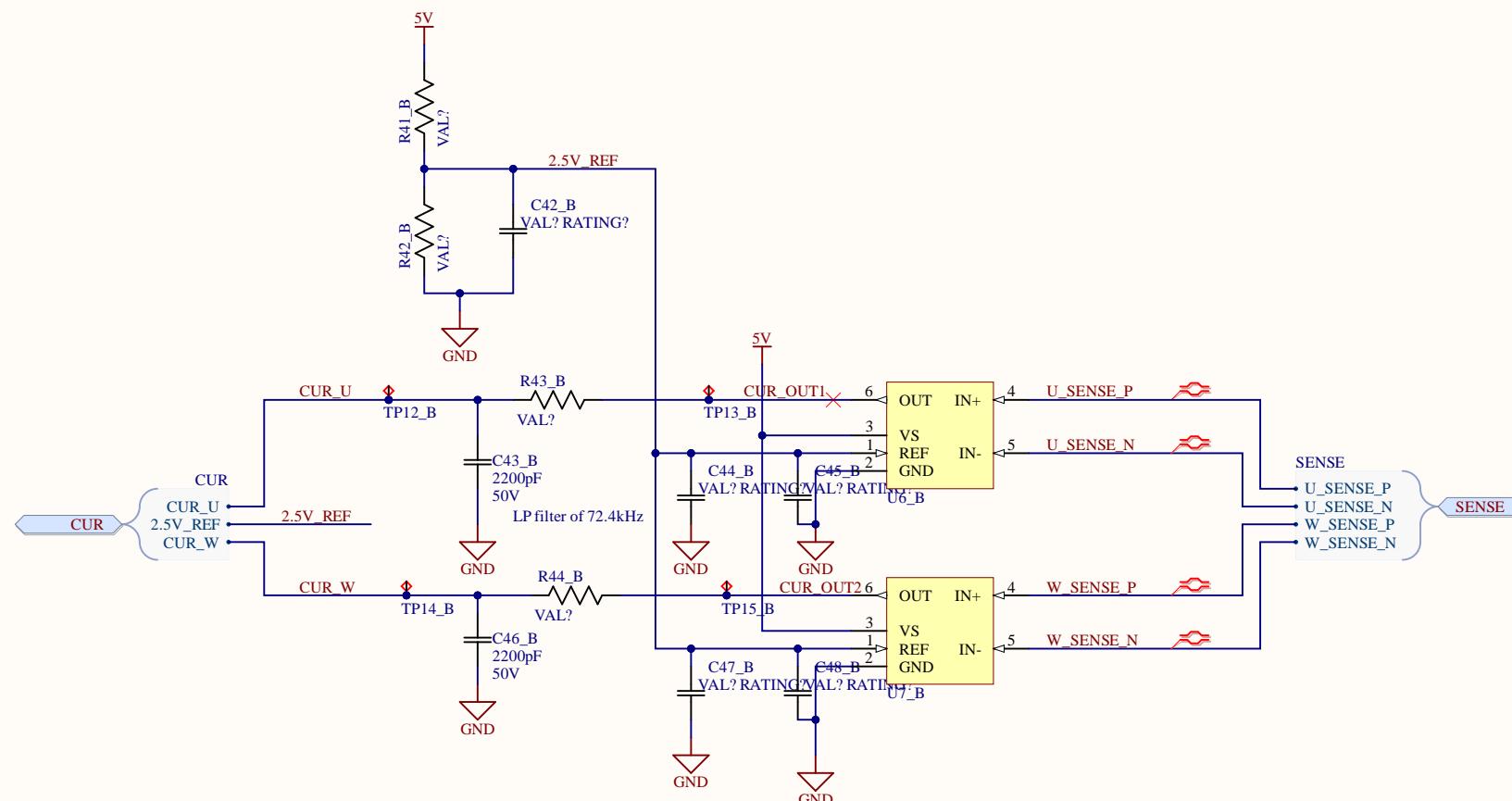
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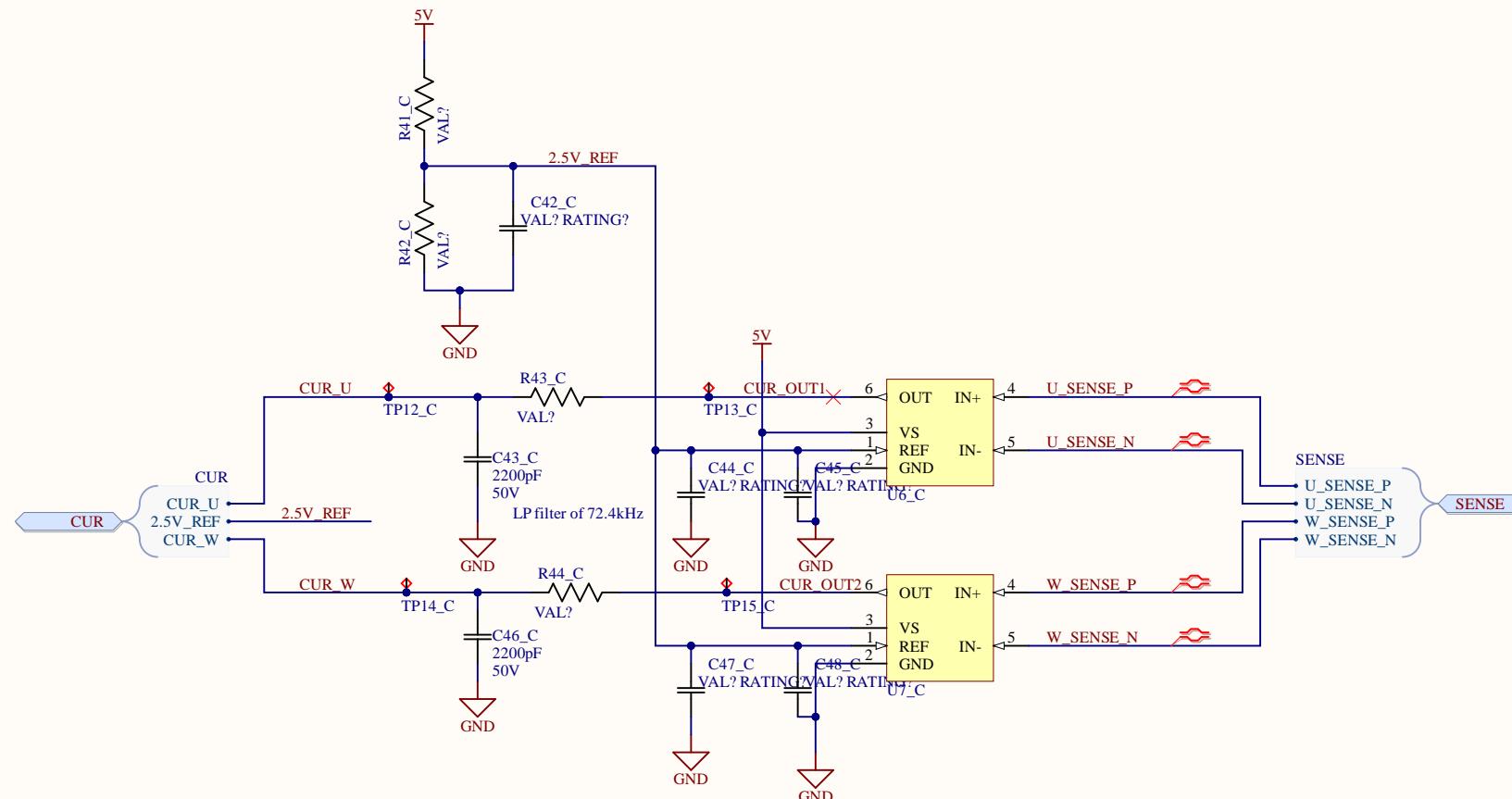
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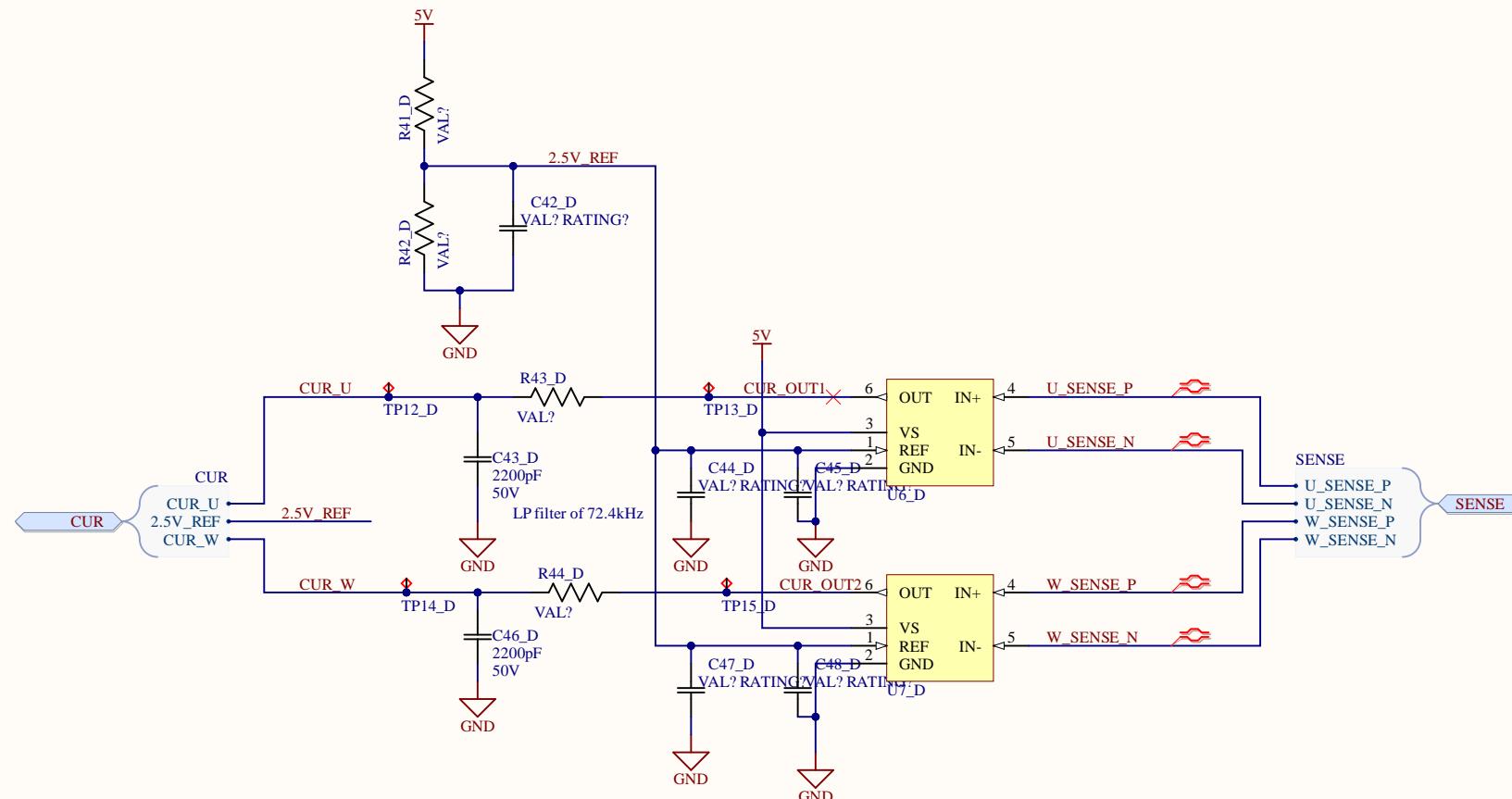
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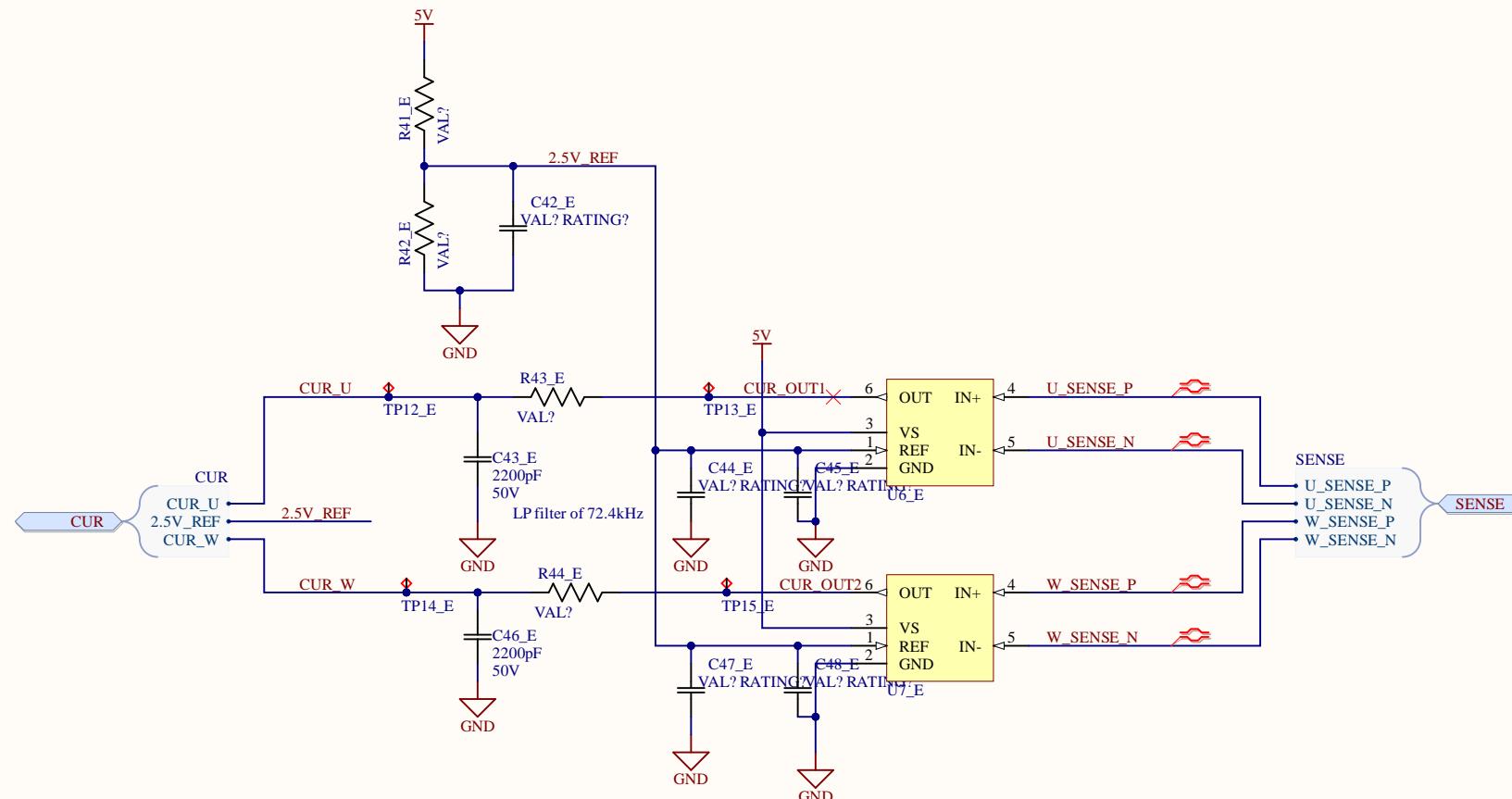
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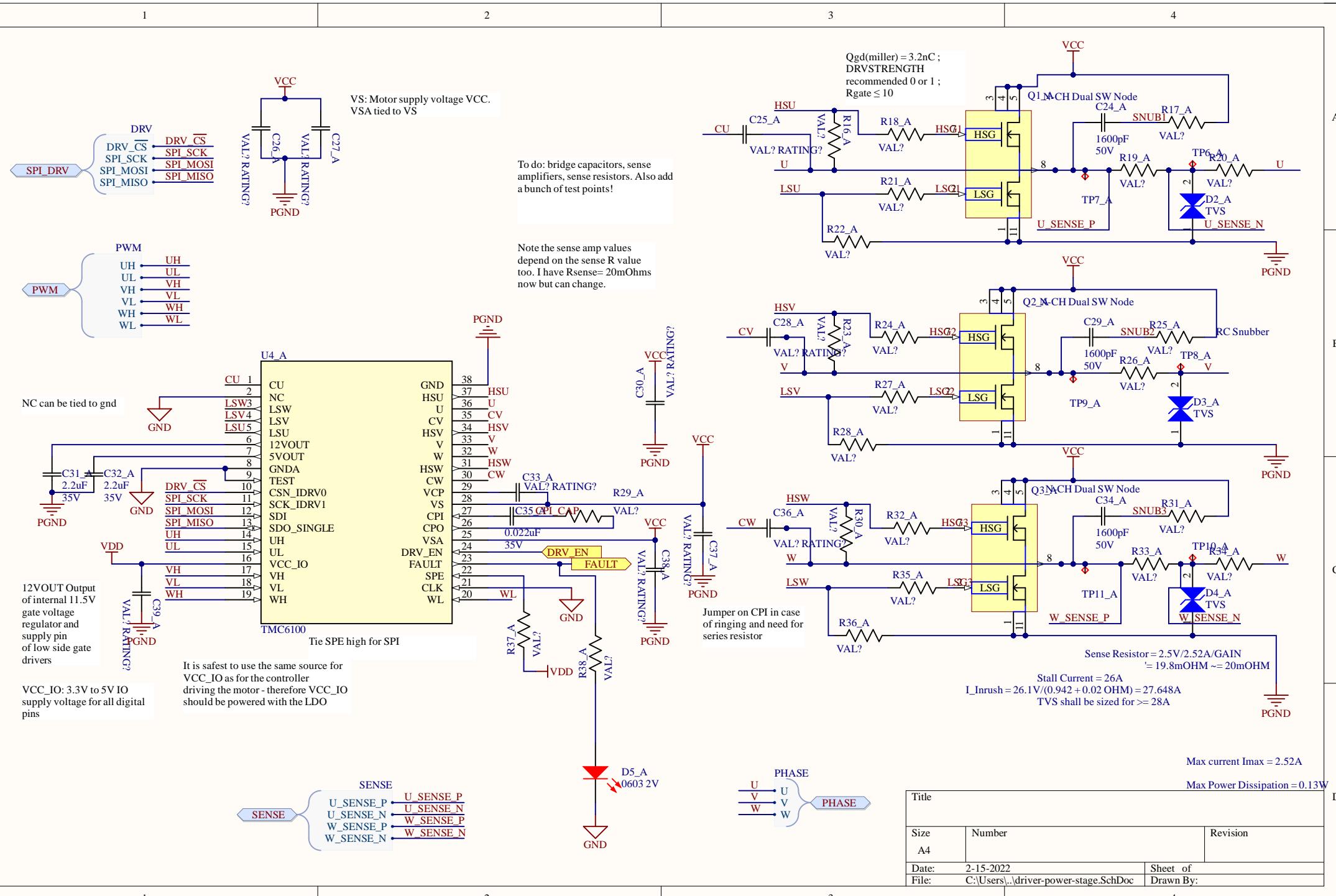
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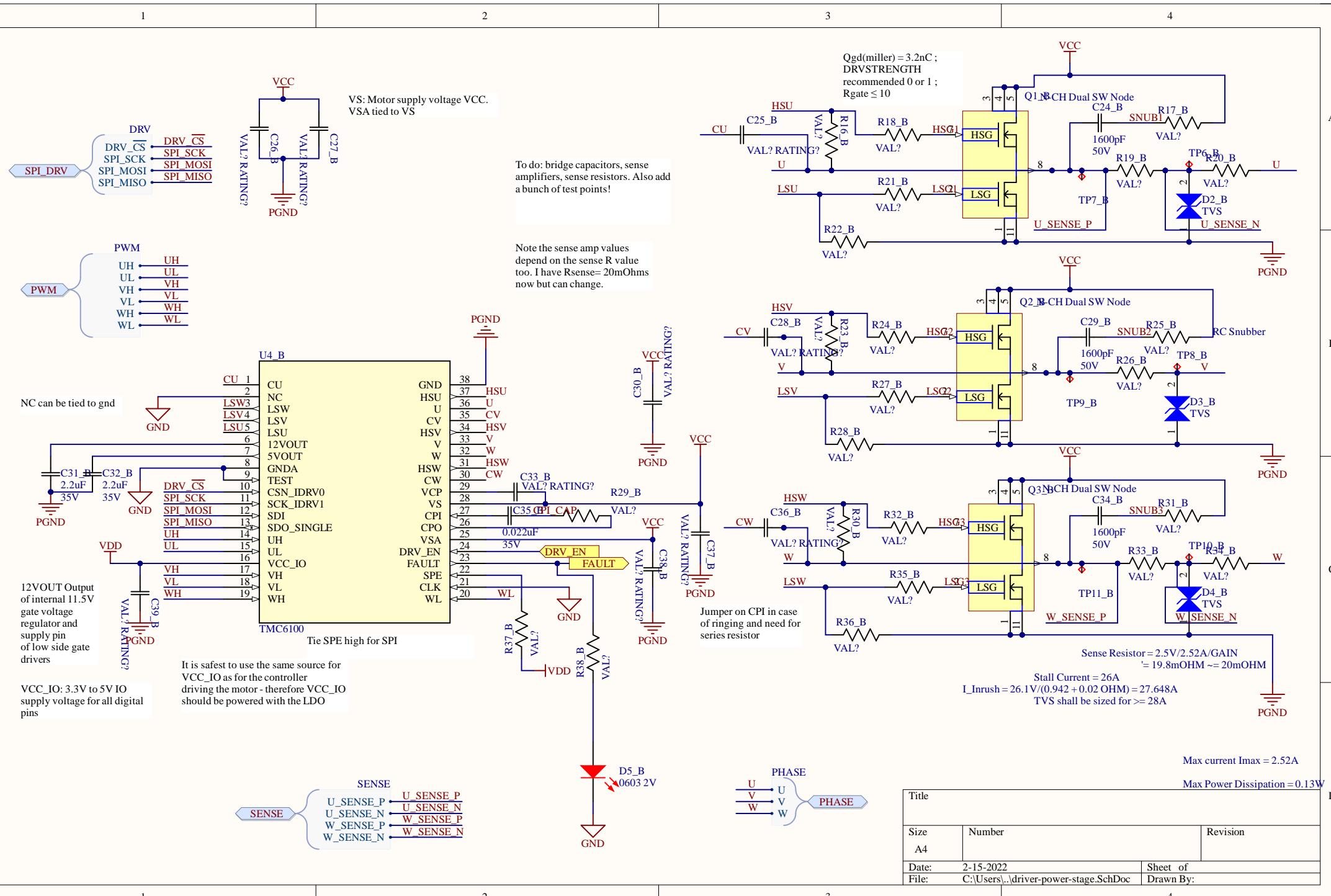
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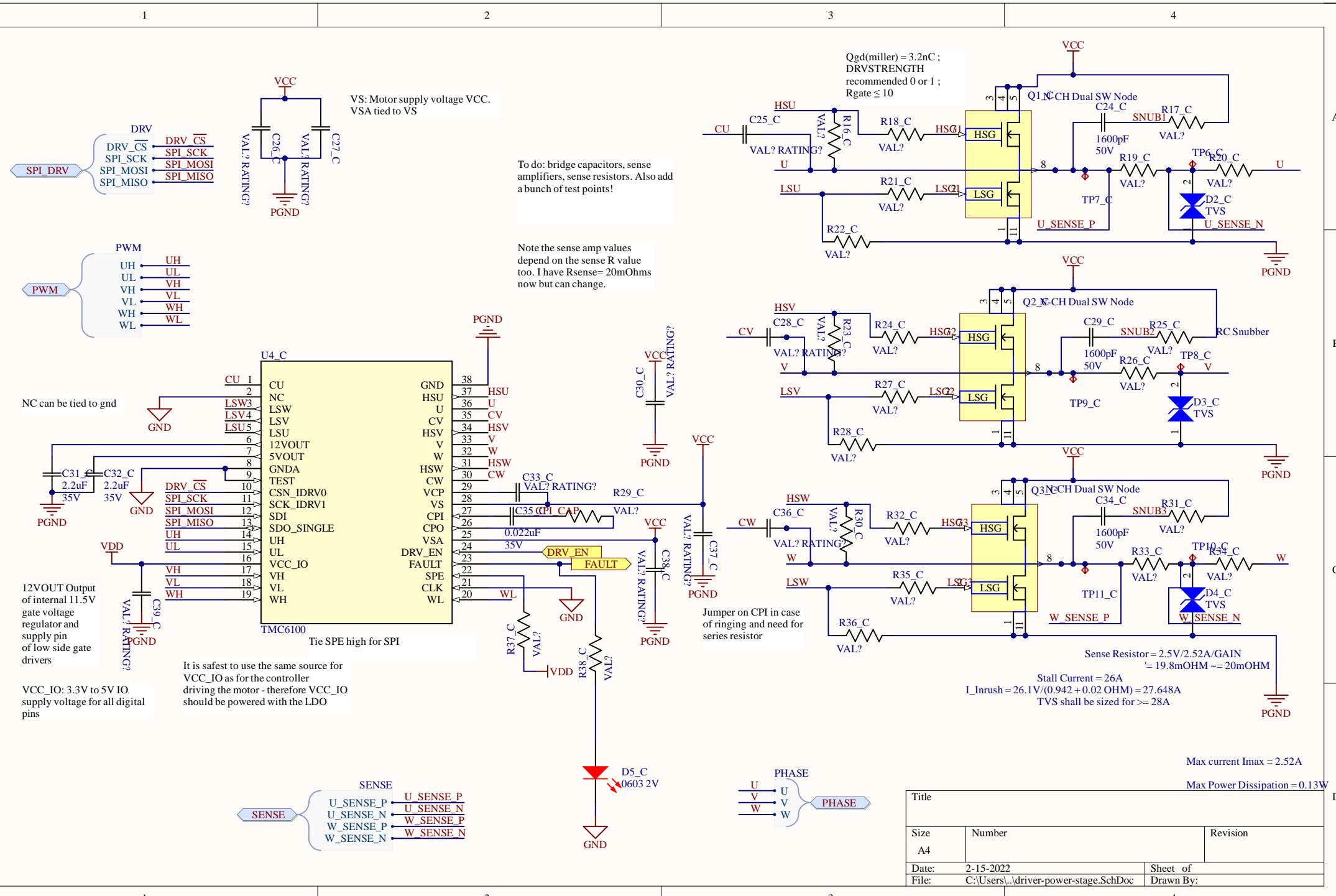
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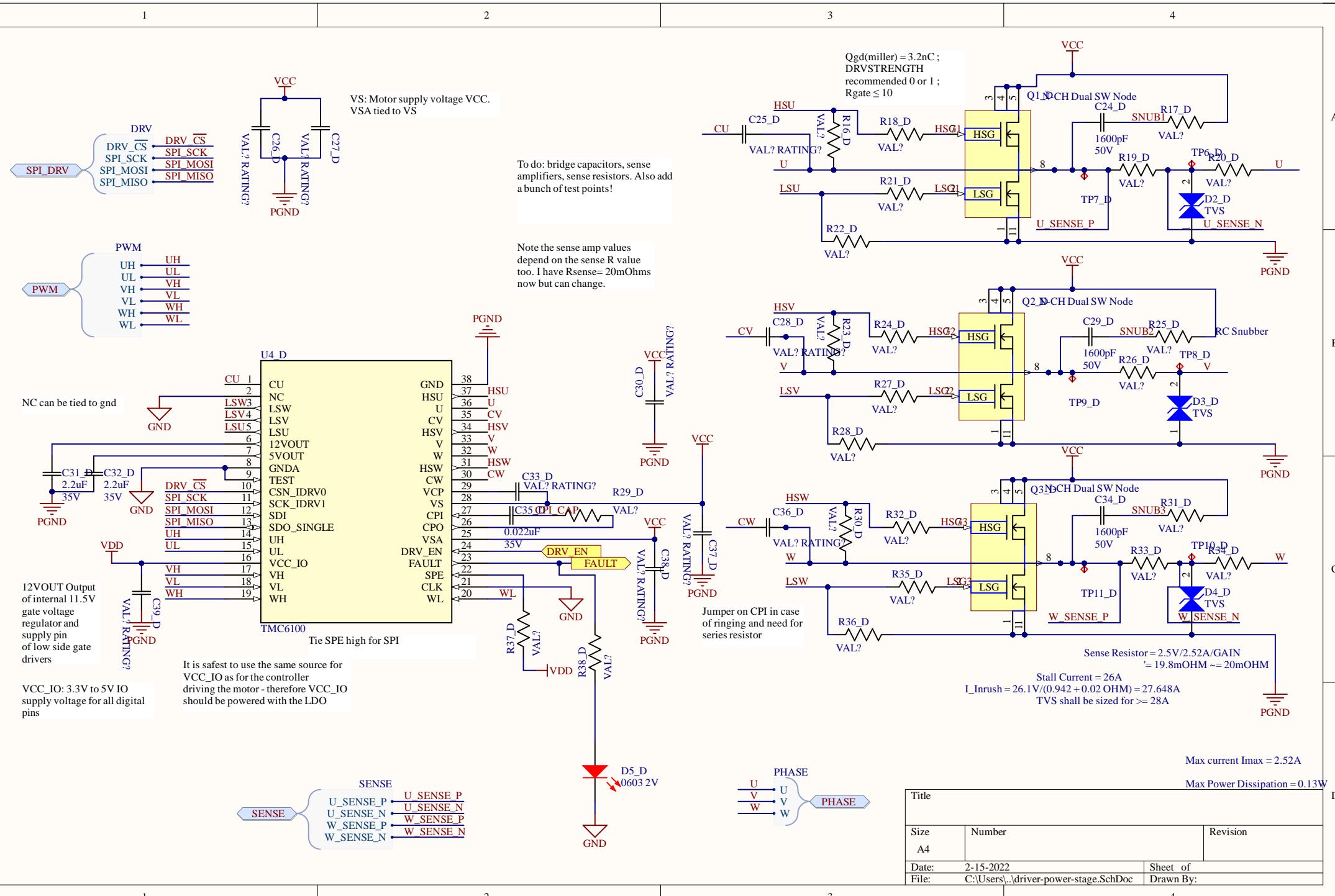
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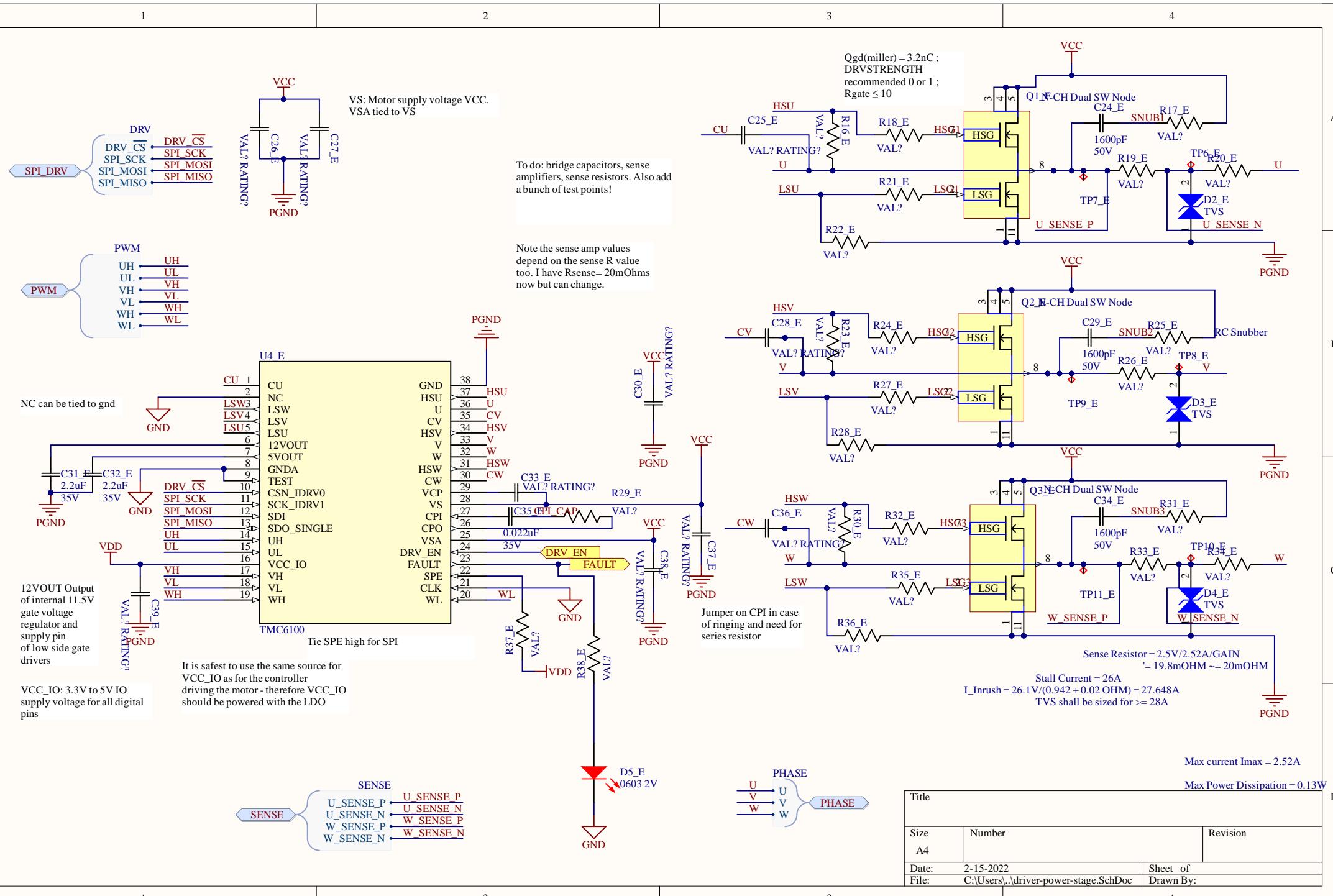
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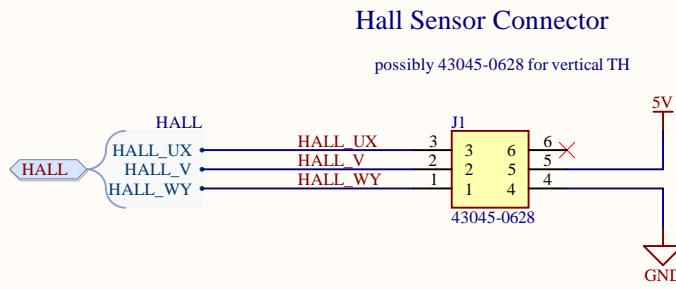
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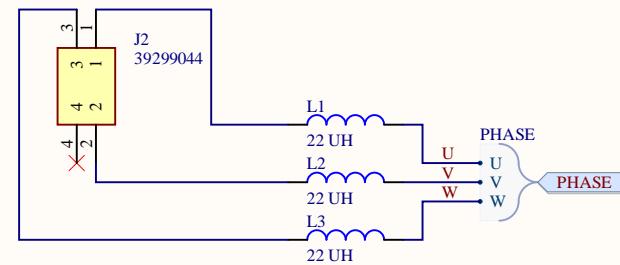
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Motor Connector
39299044 vertical molex, 4000 on stock on mouser



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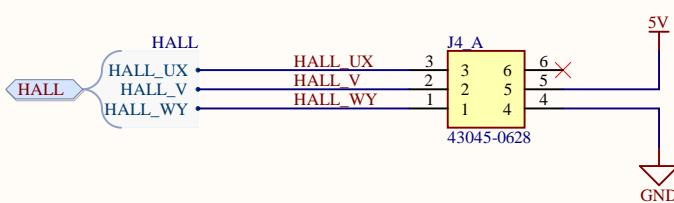
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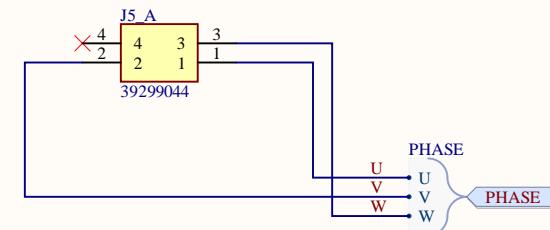
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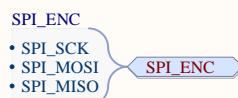
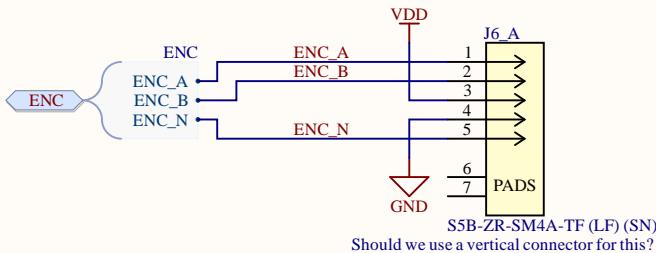


Motor Connector

39299044 vertical molex, 4000 on stock on mouser



Encoder Connector



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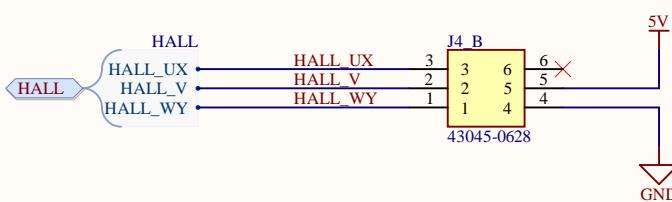
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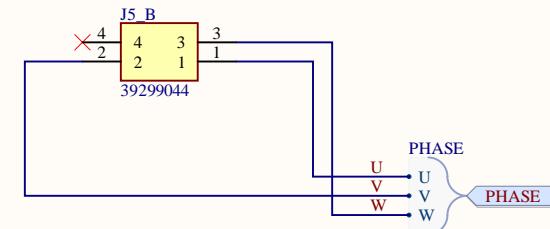
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possibly 43045-0628 for vertical TH

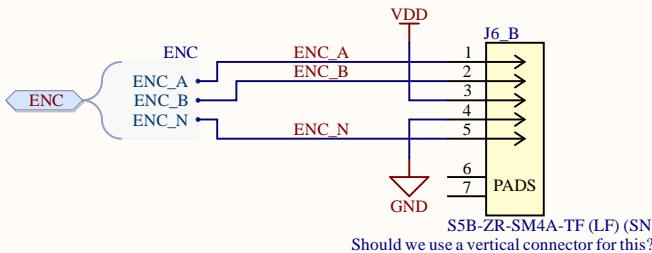


Motor Connector

39299044 vertical molex, 4000 on stock on mouser



Encoder Connector



- SPI_ENC
- SPI_SCK
- SPI_MOSI
- SPI_MISO

ENC_CS

Title

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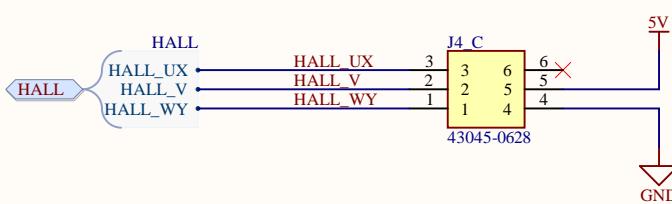
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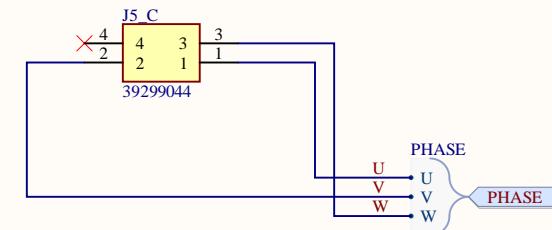
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possibly 43045-0628 for vertical TH

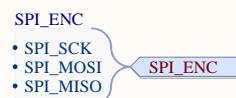
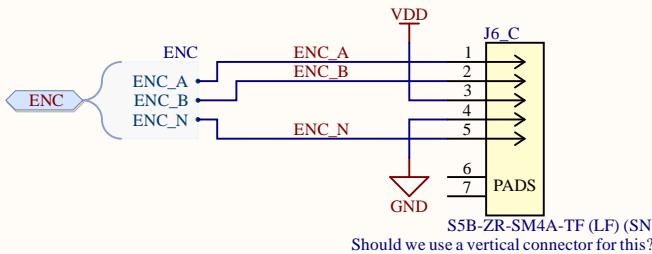


Motor Connector

39299044 vertical molex, 4000 on stock on mouser



Encoder Connector



Title

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Number

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File: C:\Users\..\connectors.SchDoc

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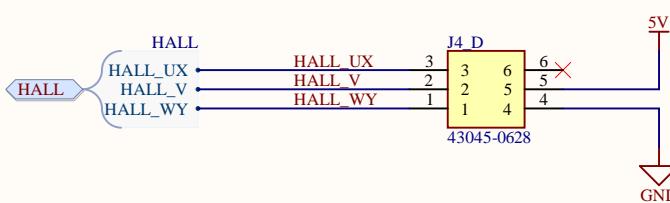
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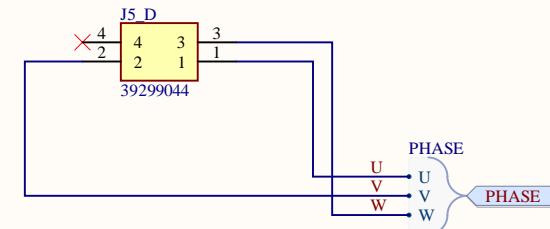
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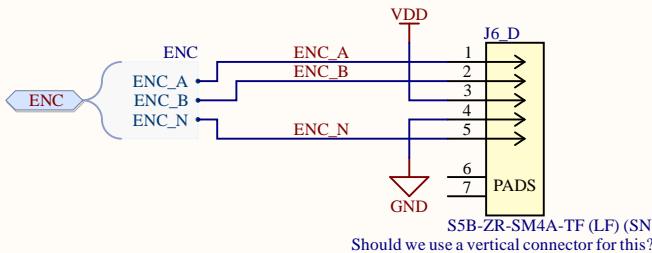


Motor Connector

39299044 vertical molex, 4000 on stock on mouser



Encoder Connector



- SPI_ENC
- SPI_SCK
- SPI_MOSI
- SPI_MISO

ENC_CS

Title

Size

A4

Number

Revision

Date: 2-15-2022

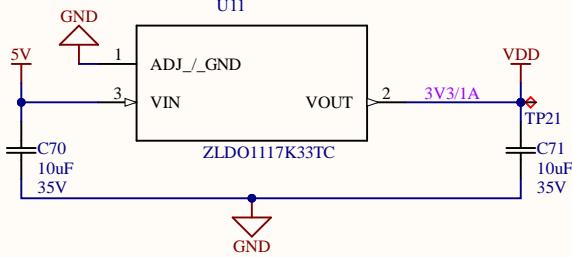
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File: C:\Users\..\connectors.SchDoc

Drawn By:

Power Regulation

3.3V Fixed LDO

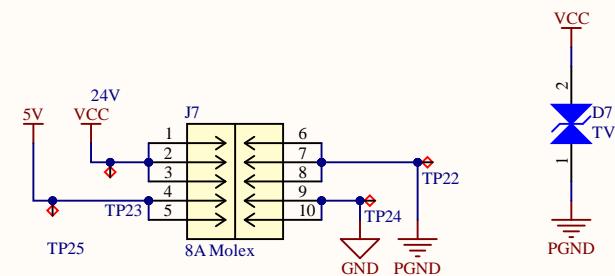


 3.3V LDO

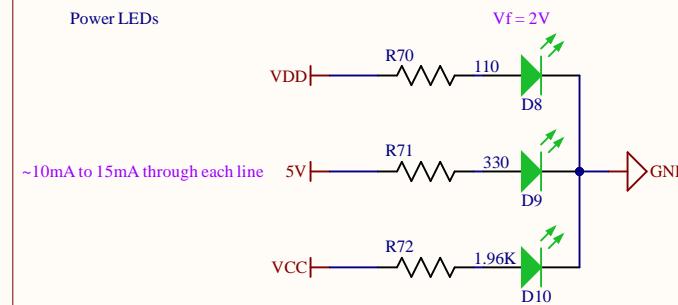
 Simple 3.3V fixed LDO
 Specifications

 - Vin = 1.35V - 18.0V
 - Vout = 3.3V
 - Iout = 1.0A
 - Pout = 3.3W

Power Board Connections



Power LEDs



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Drawn By:

