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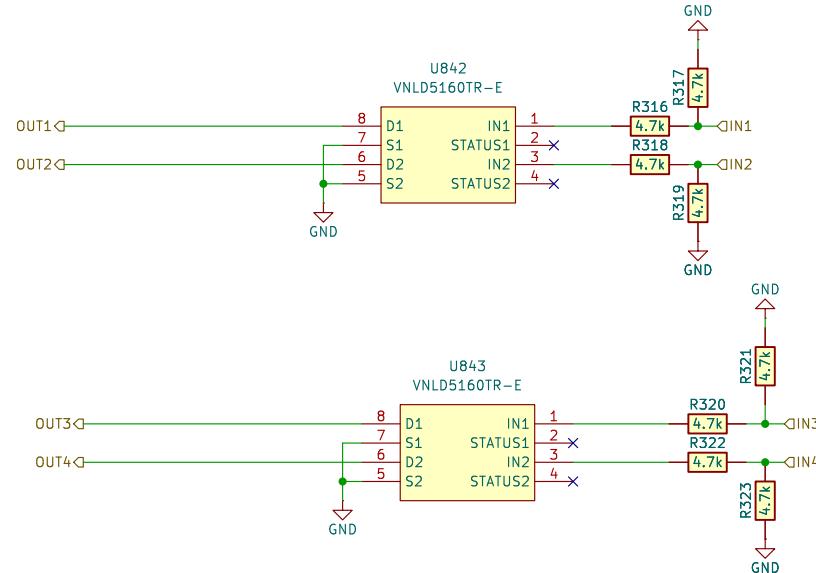
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Sheet: /LS/
File: LS4.kicad_sch

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Size: A4 | Date:
KiCad E.D.A. 8.0.9

Rev:
Id: 3/6

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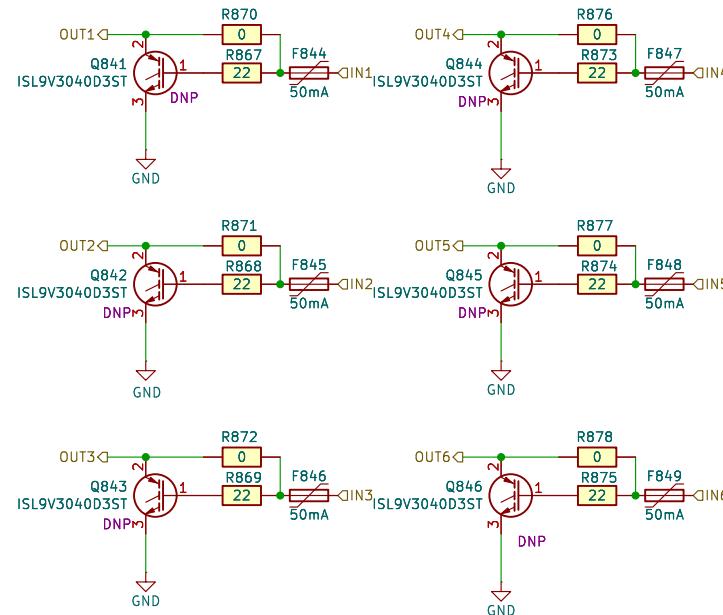
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Remove R20–R22, R26–R28, and install Q7–Q12 for use with dumb coils



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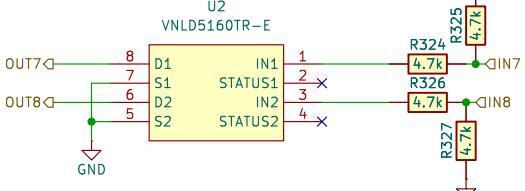
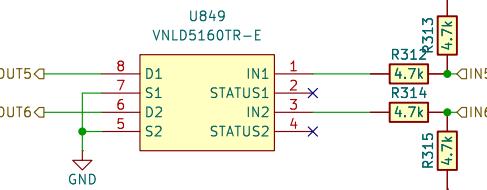
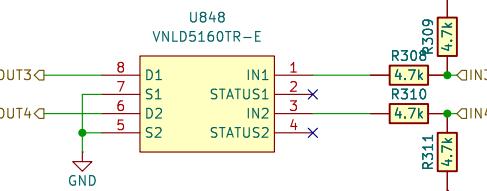
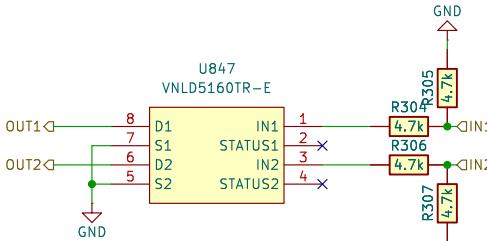
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Rev:
Id: 5/6

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Rev:
Id: 6/6

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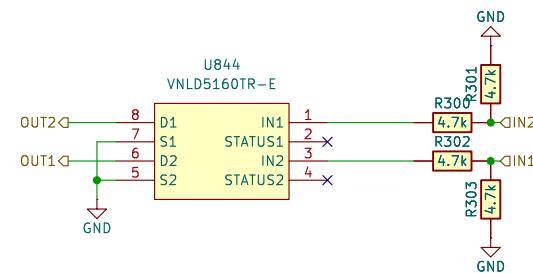
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Sheet: /LS HOT/
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Size: A4 Date:
KiCad E.D.A. 8.0.9

Rev:
Id: 8/6

1 2 3 4 5 6

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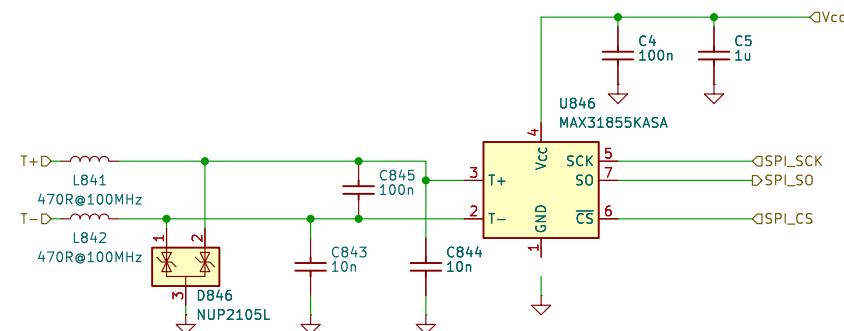
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NUP2105L is optional, used for protection

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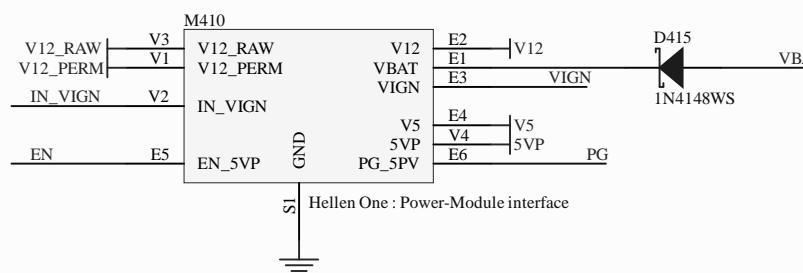
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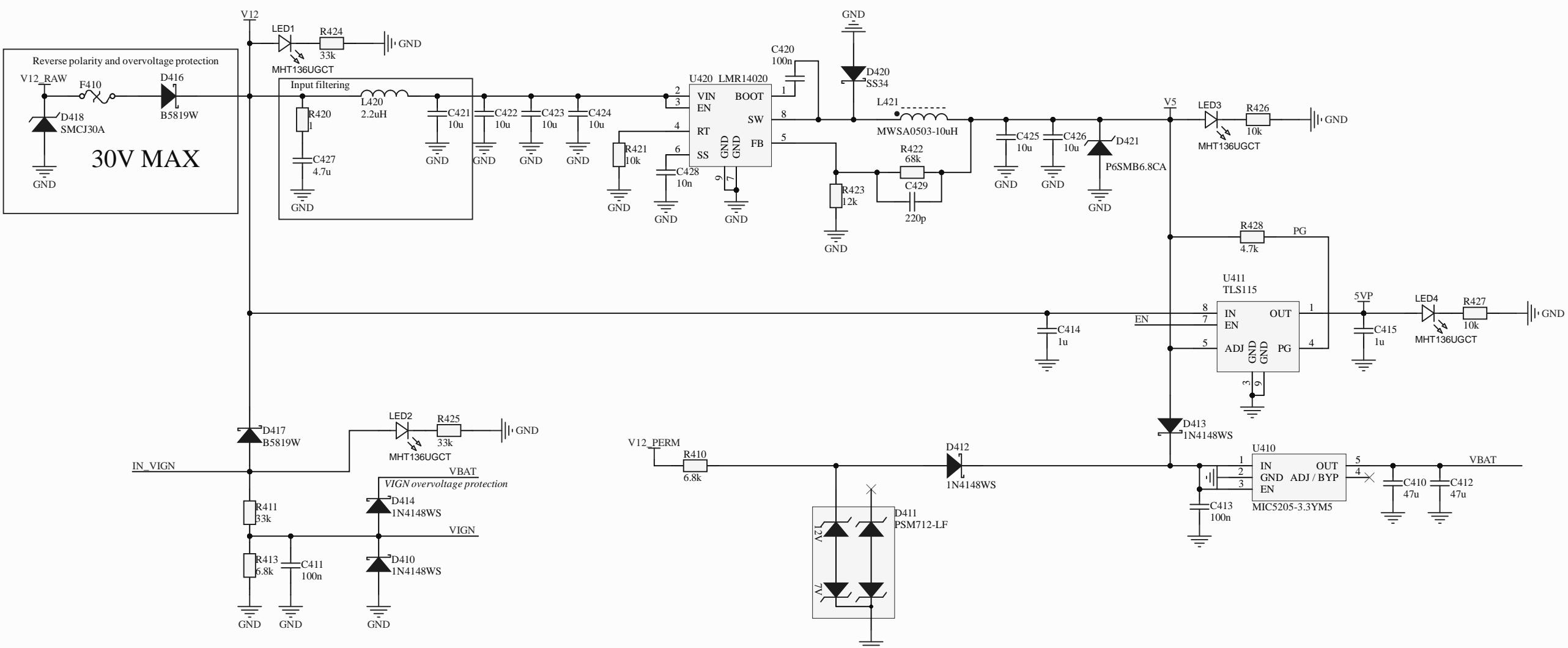
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1 2 3 4 5 6

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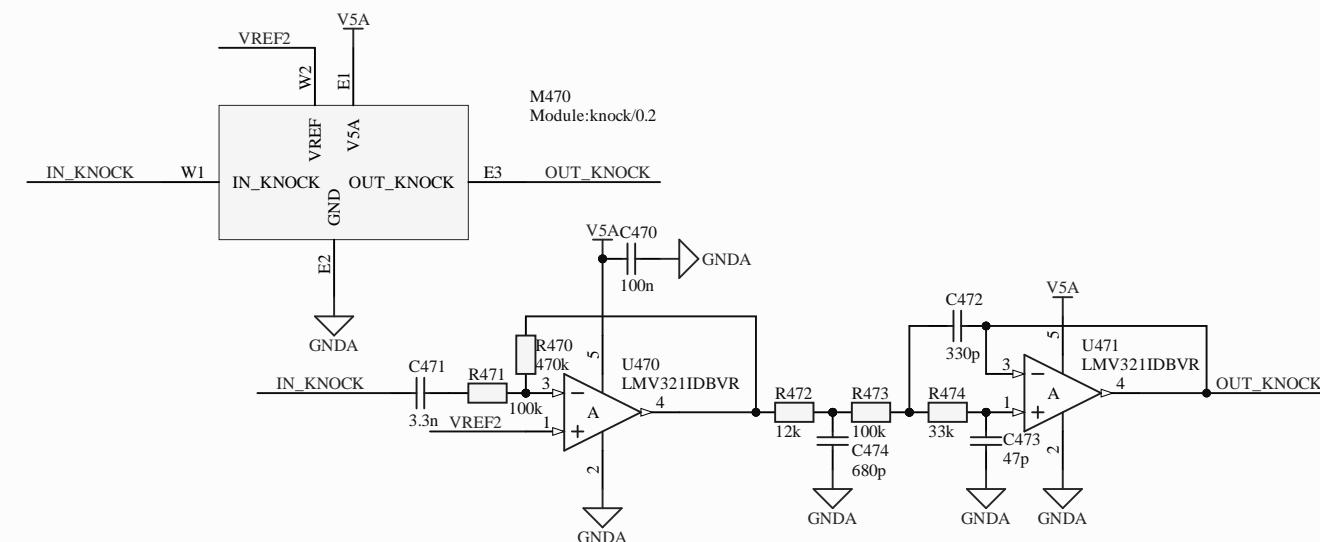
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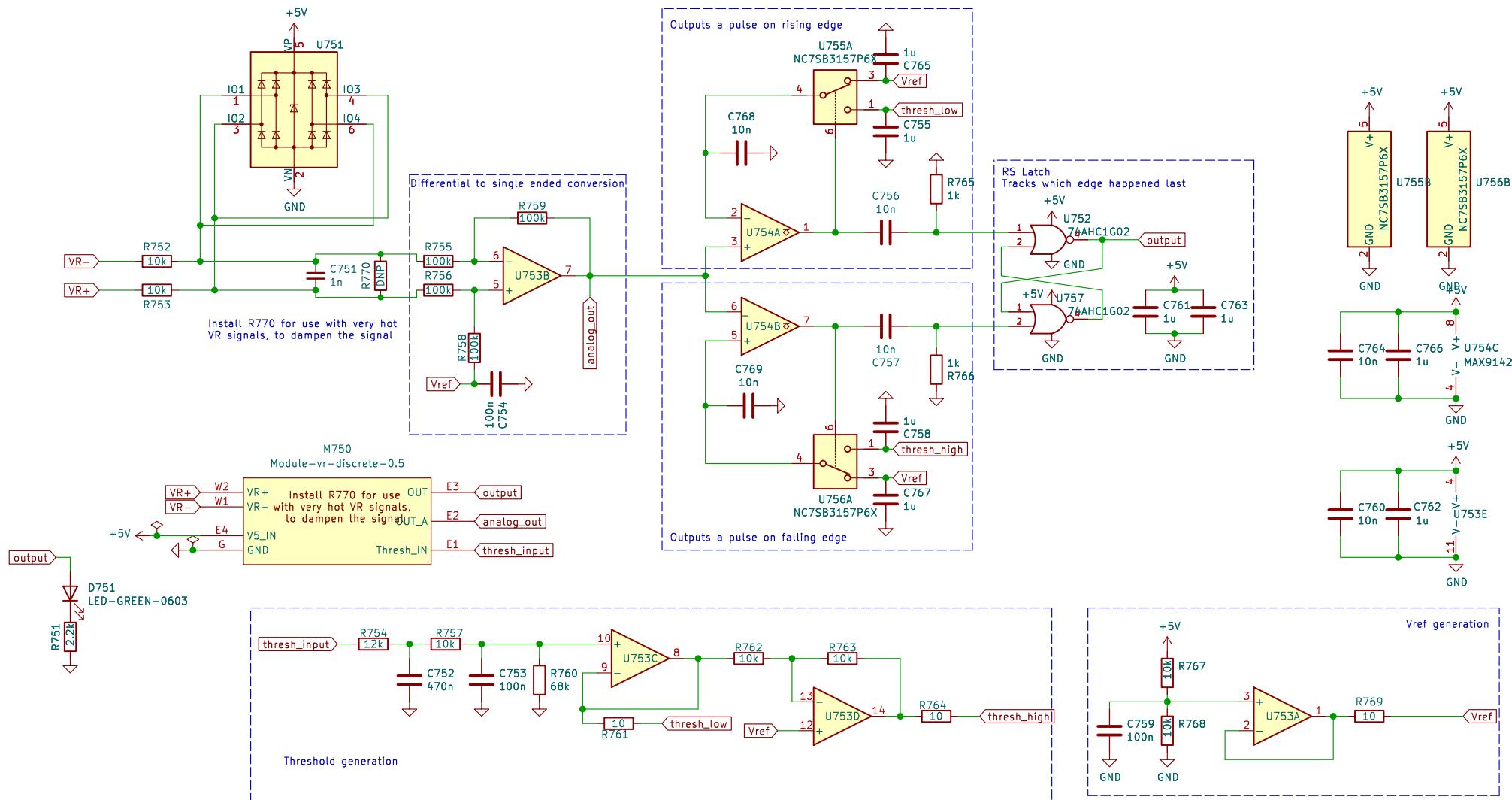
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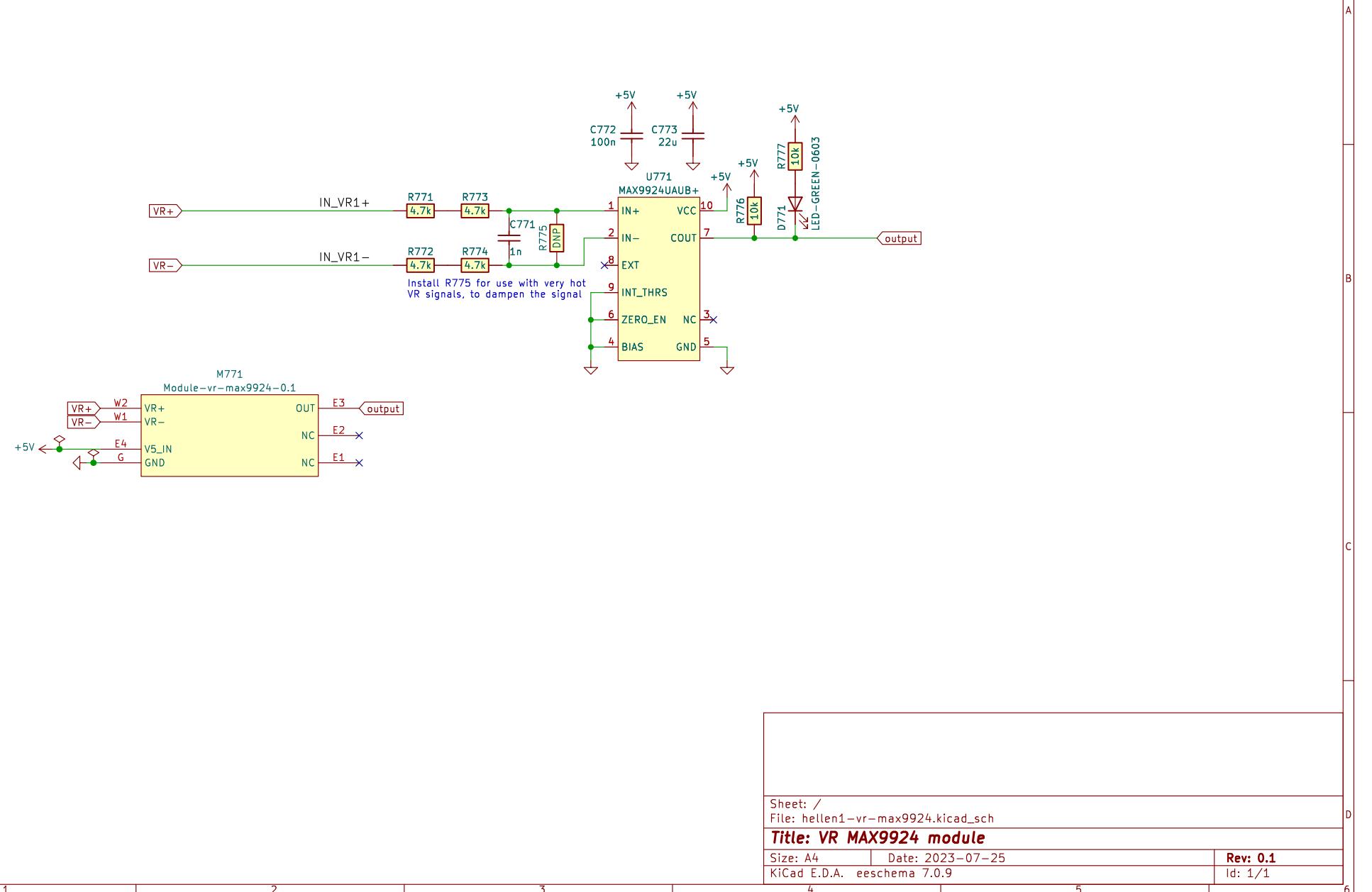


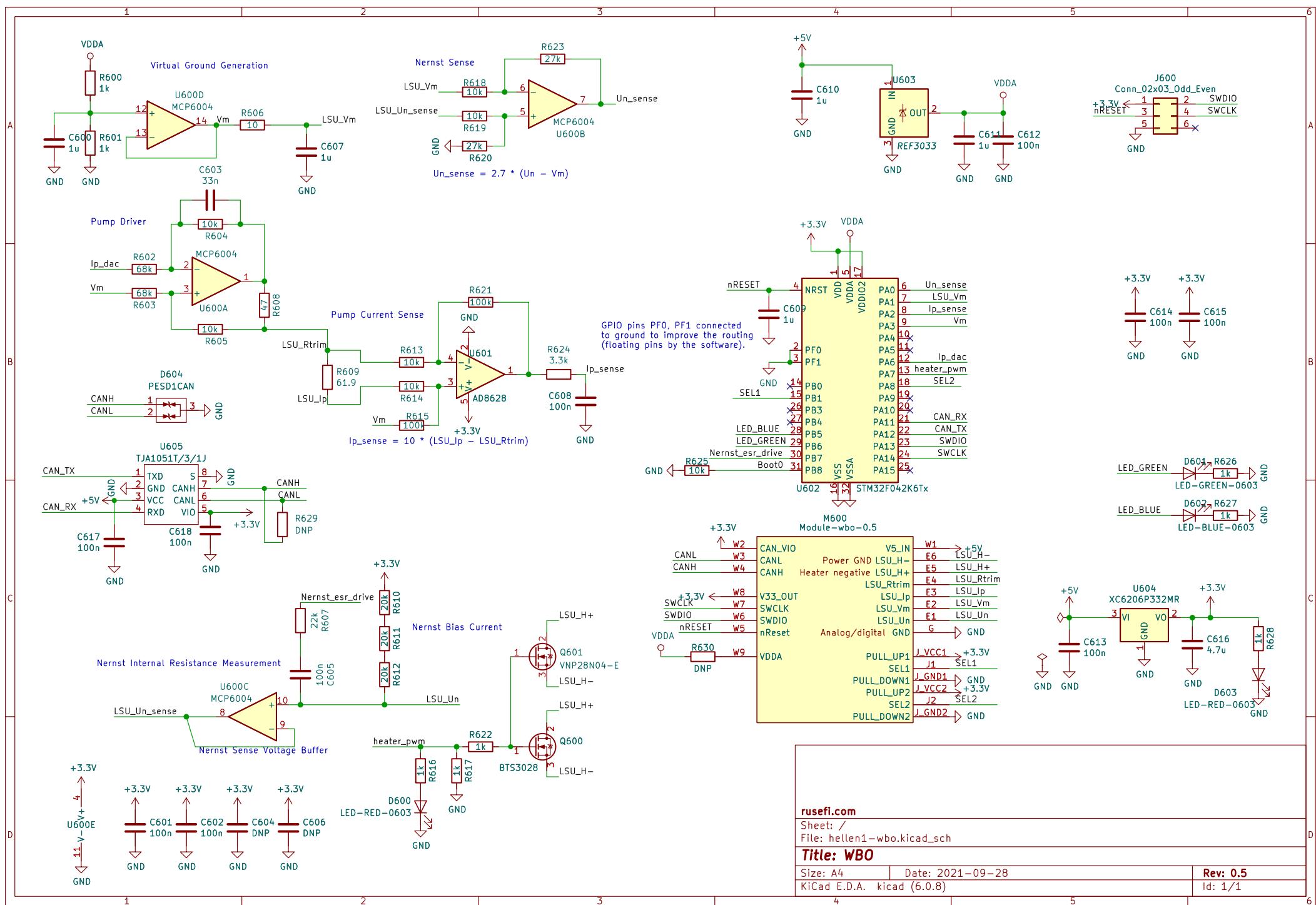
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Rev:
Id: 1/1





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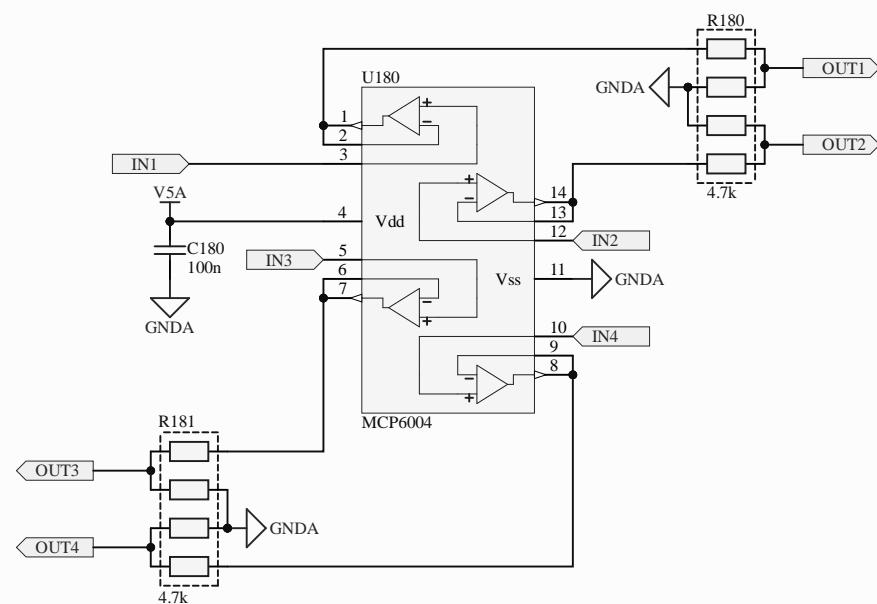
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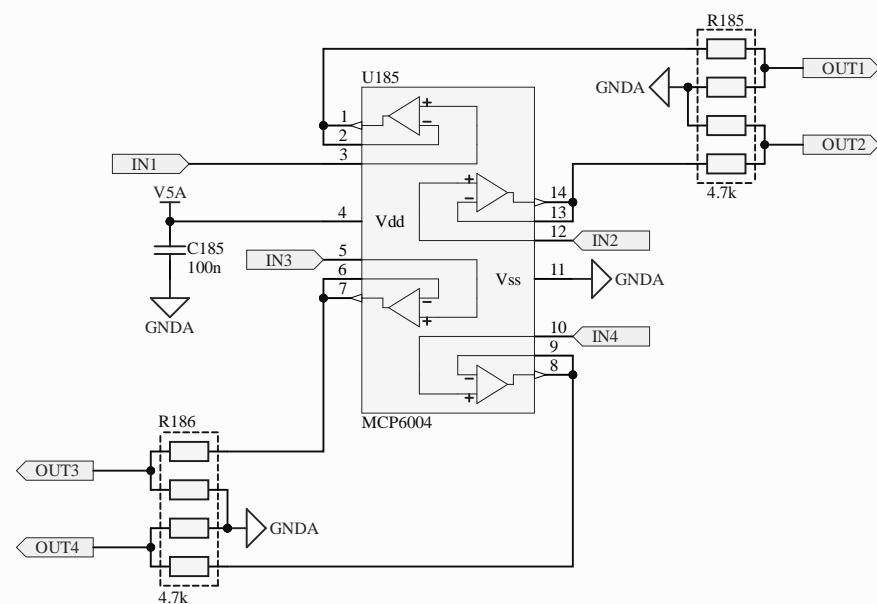
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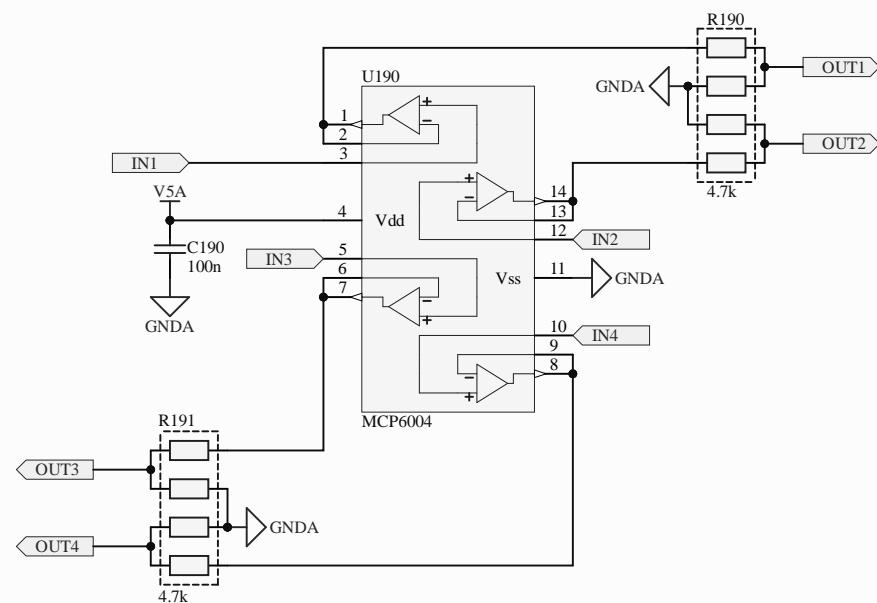
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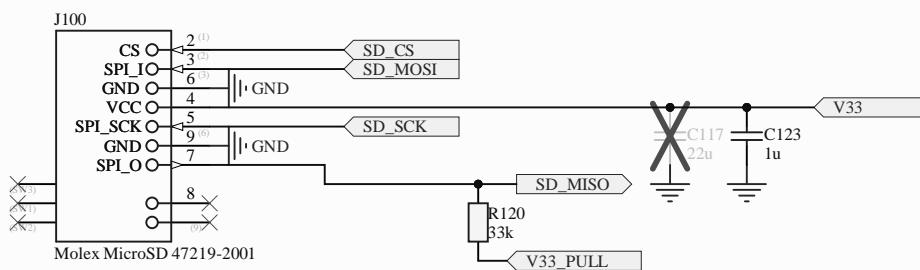
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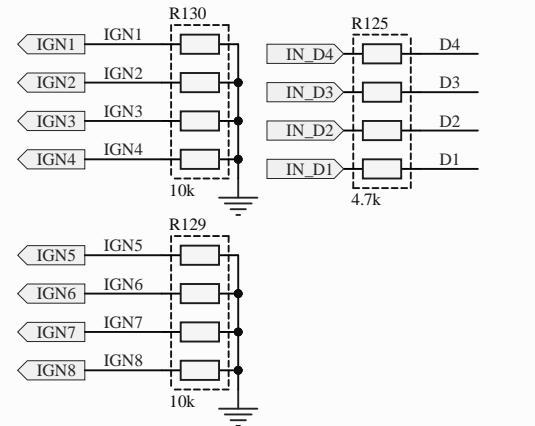
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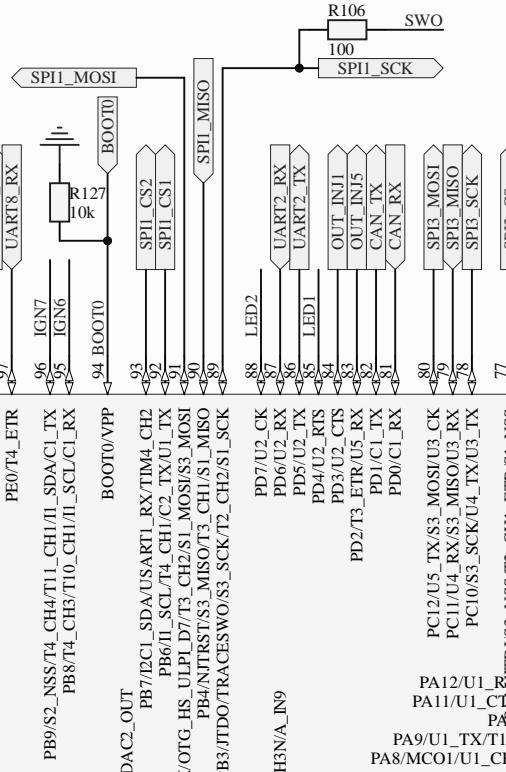
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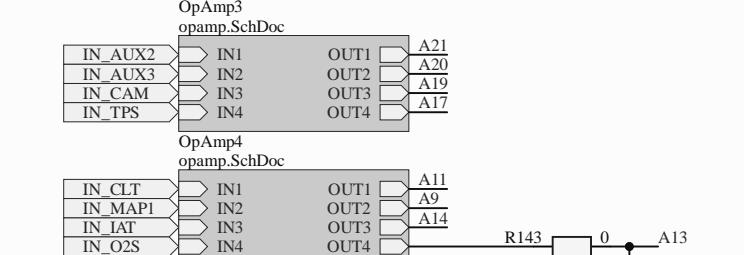
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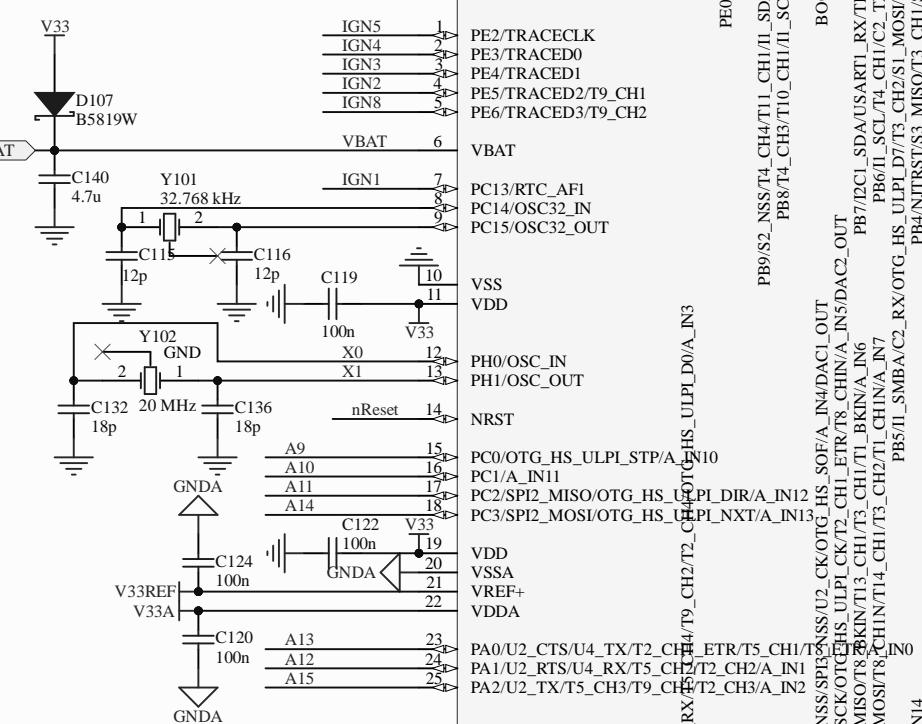
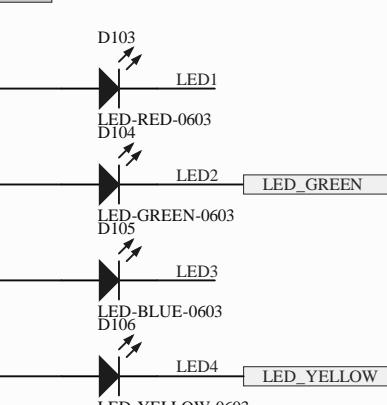
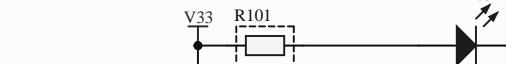
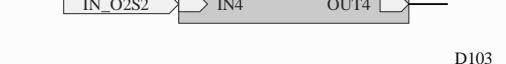
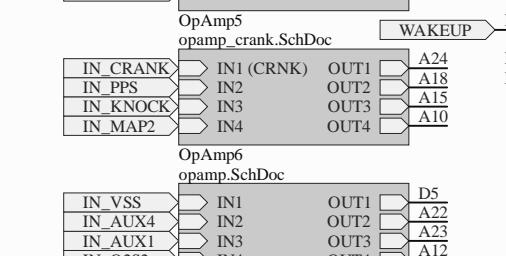
V33
C108
100n
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U105
STM32F429VGT6



R143 populated: analog input O2S
R145 populated: WAKEUP by CAN



A

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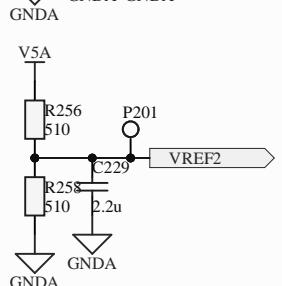
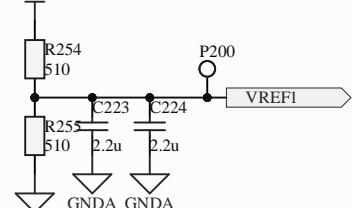
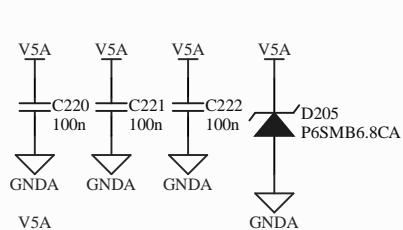
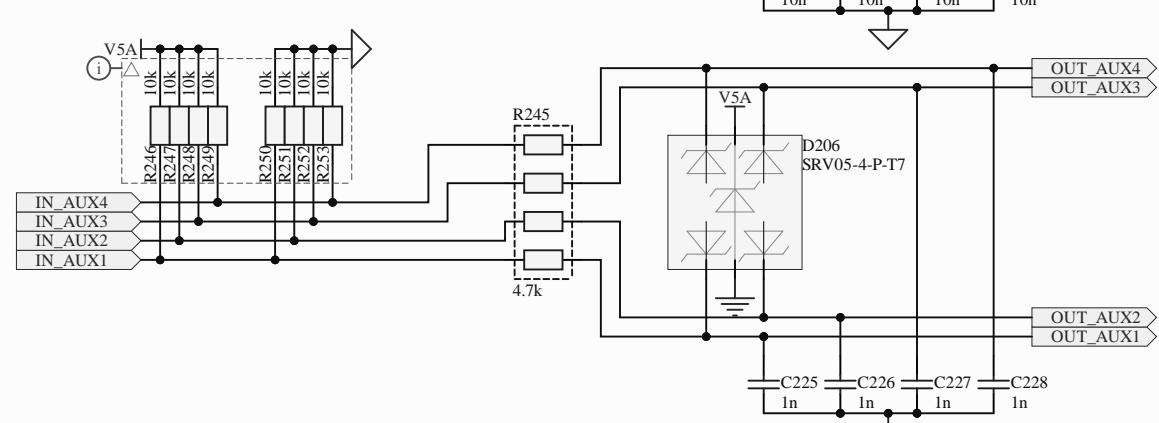
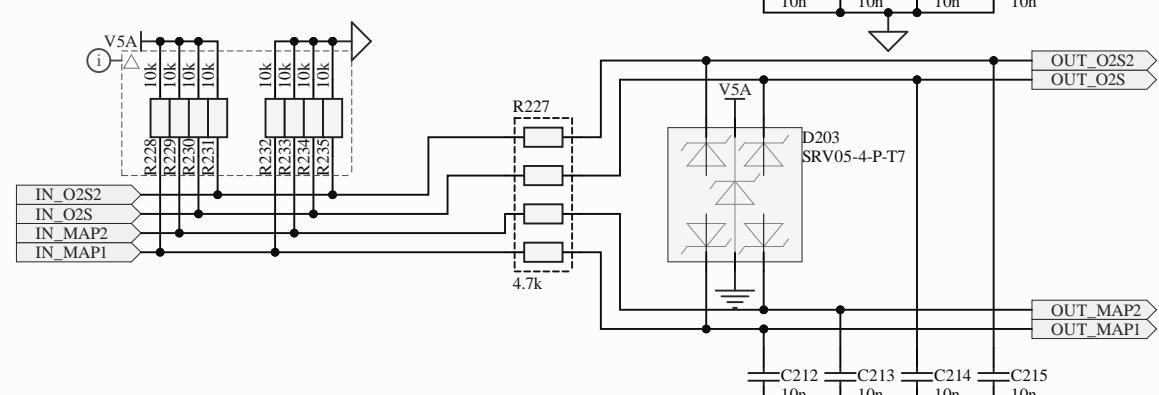
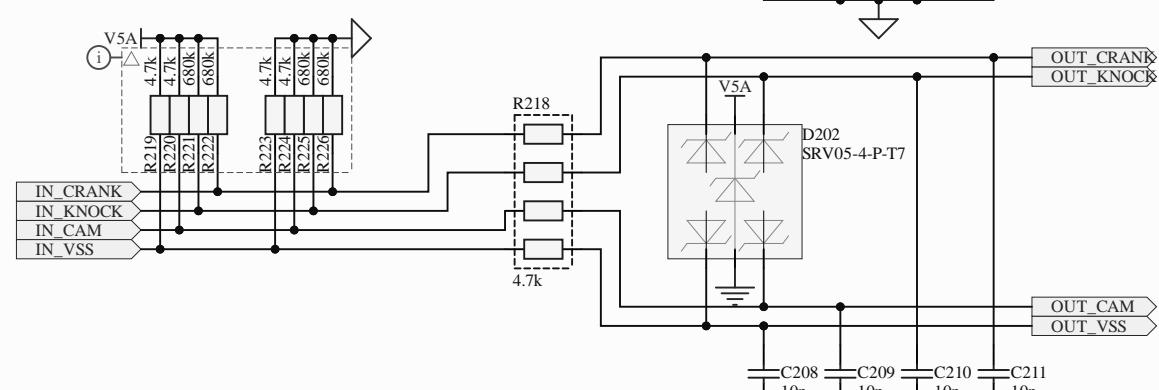
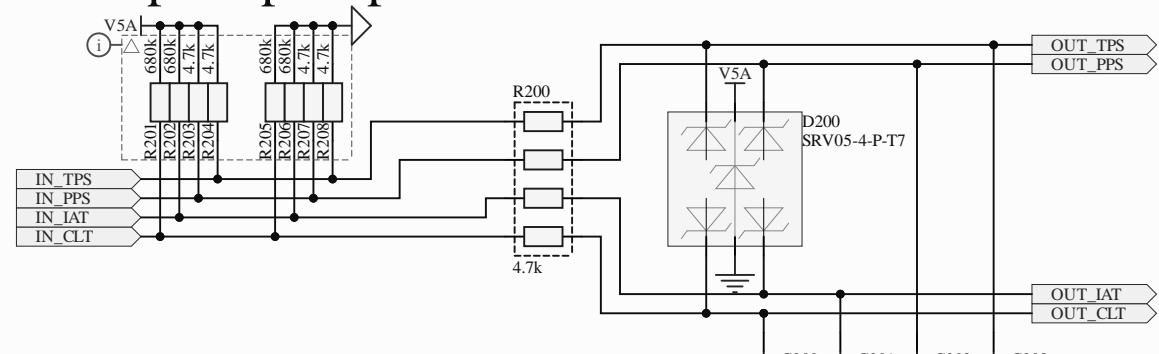
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See pullups replacement file for actual values



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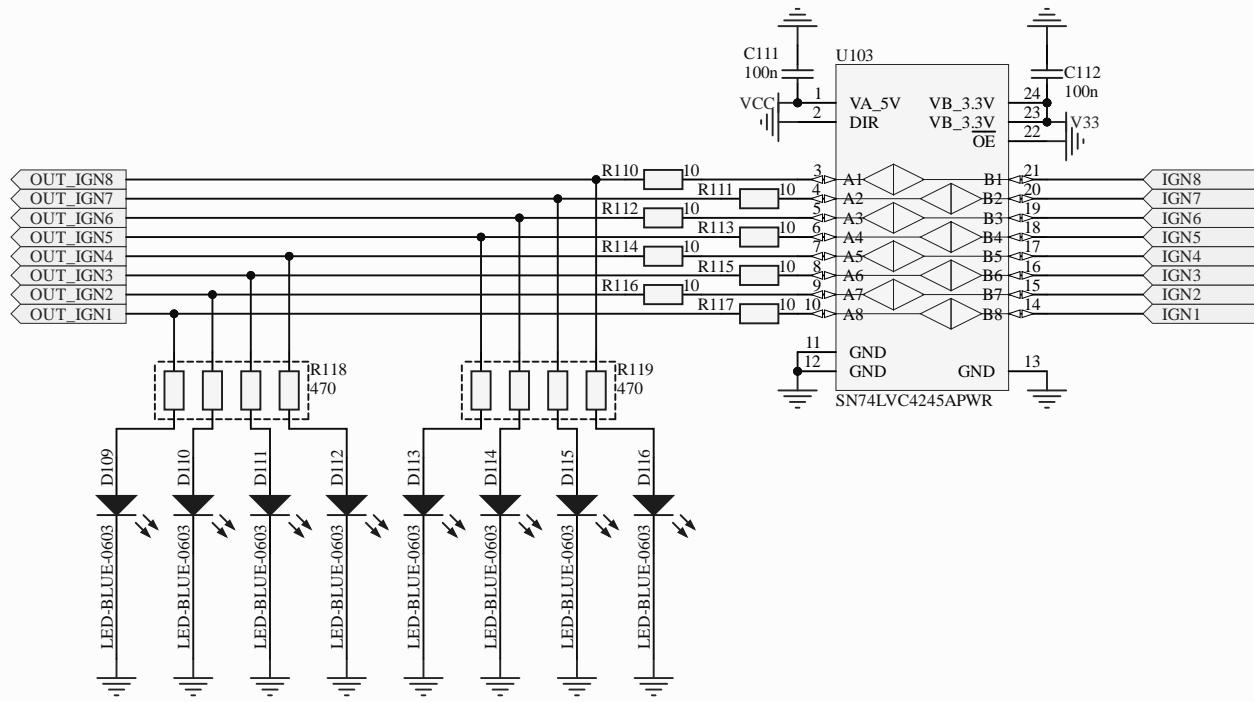
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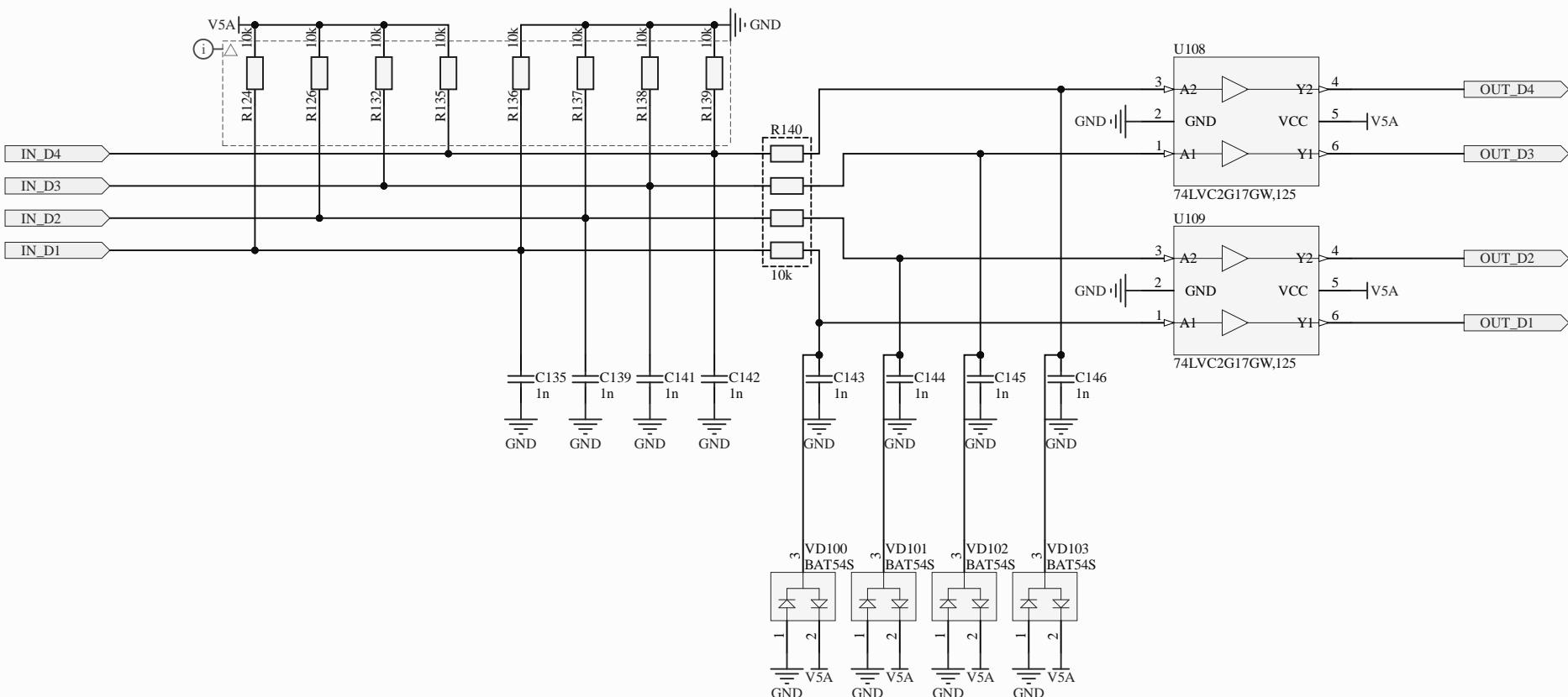
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See pullups replacement file for actual values



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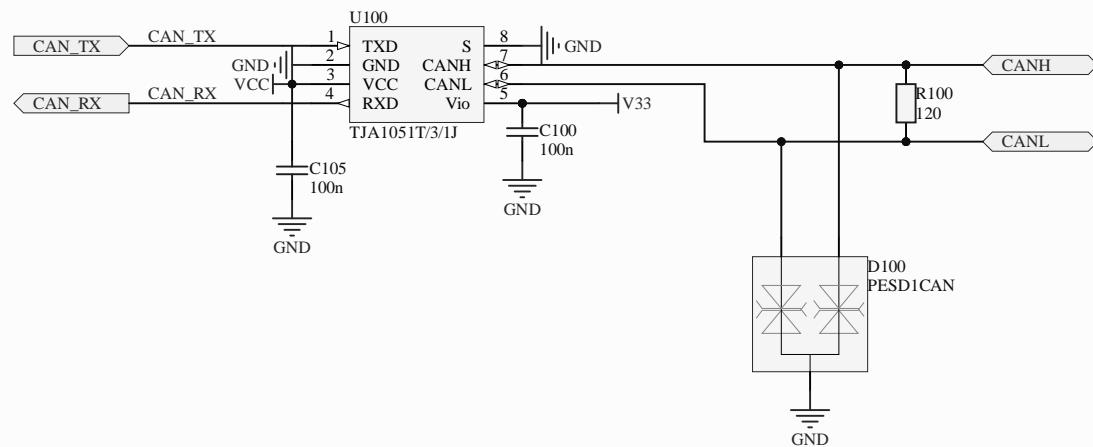
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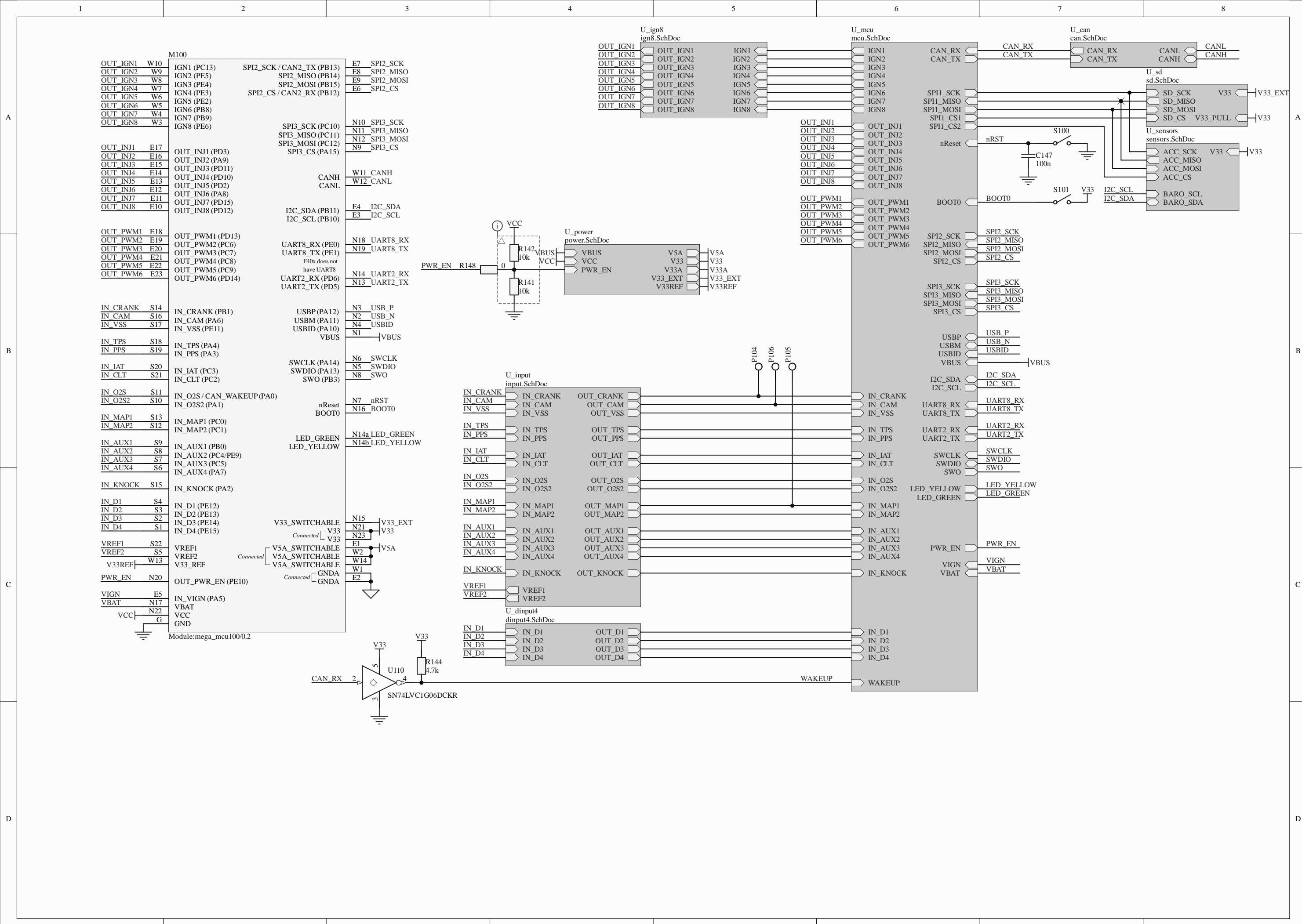
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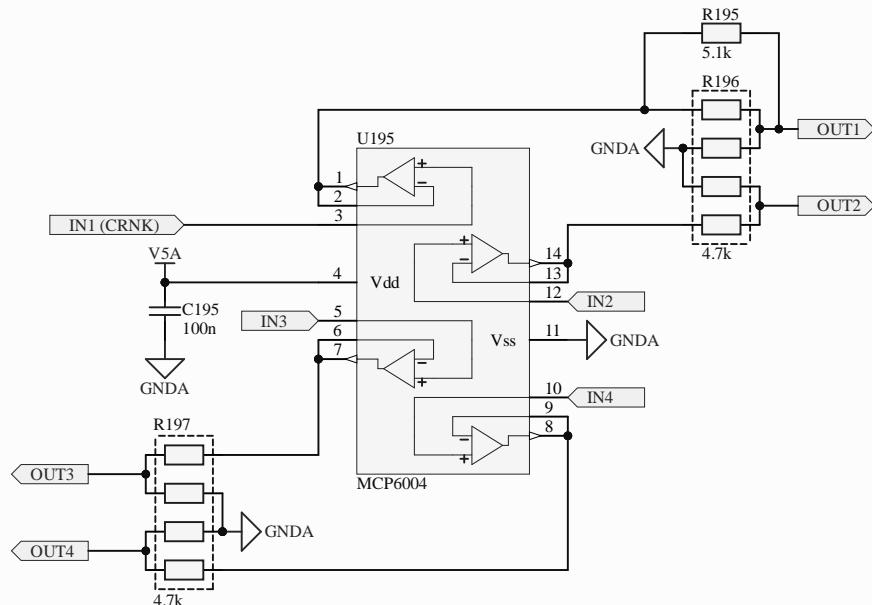
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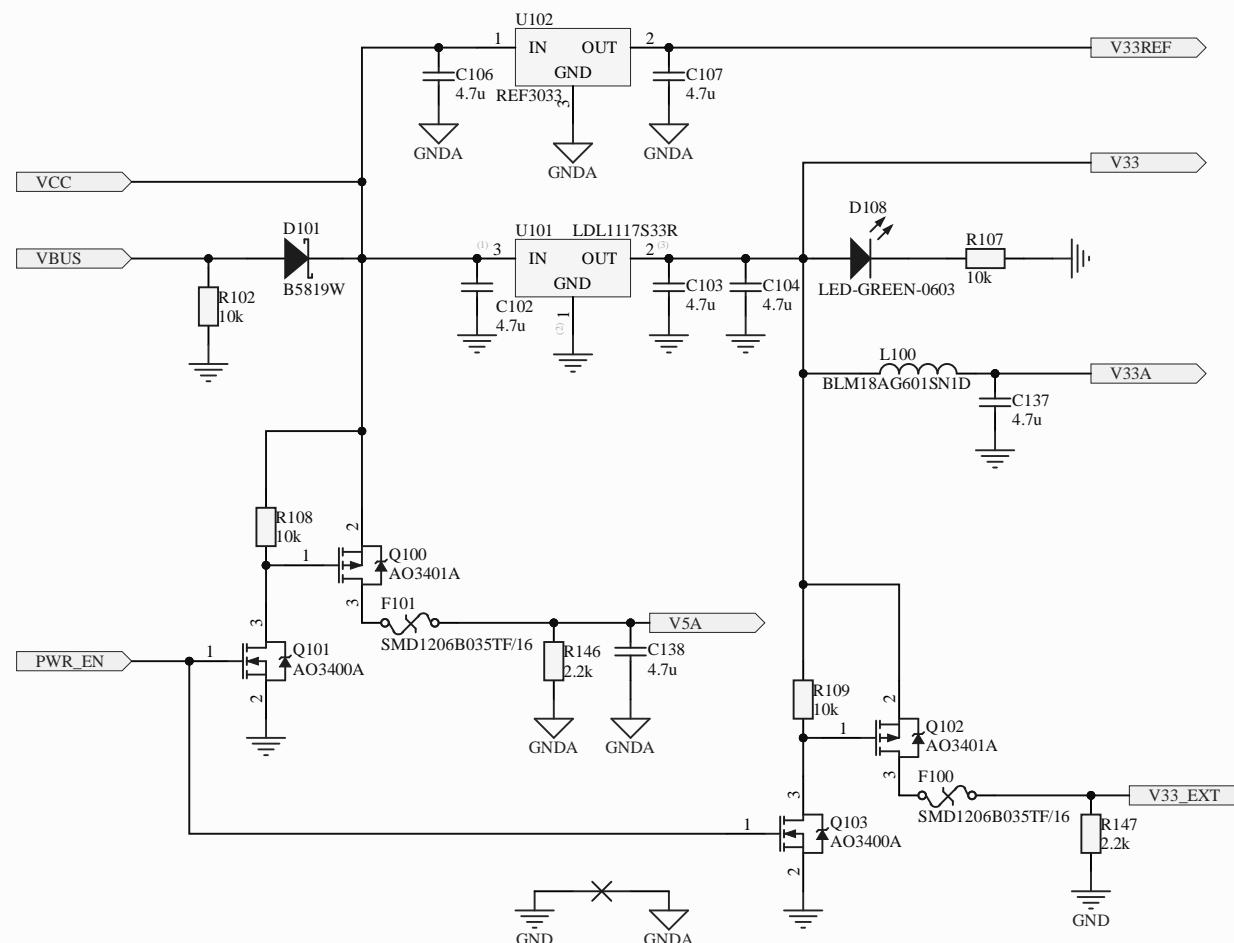
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More accurate threshold for "raw" connection of VR sensors



A



Title

Size	Number	Revision
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File:	C:\Work...\power.SchDoc	Drawn By:

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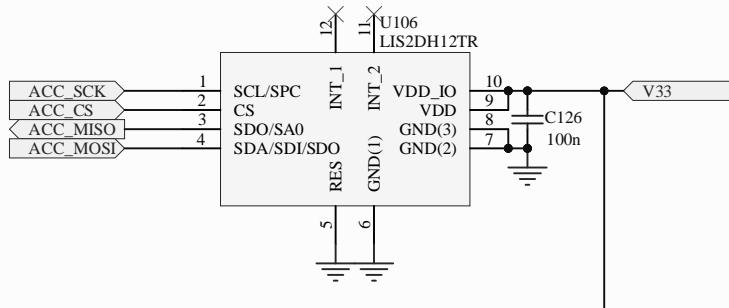
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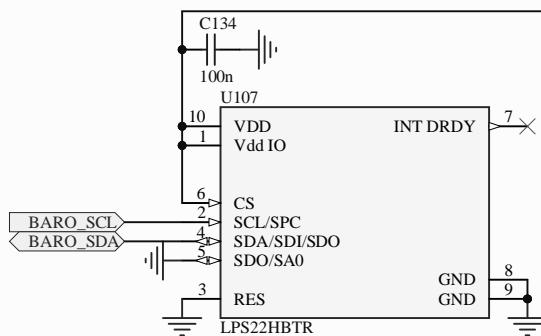
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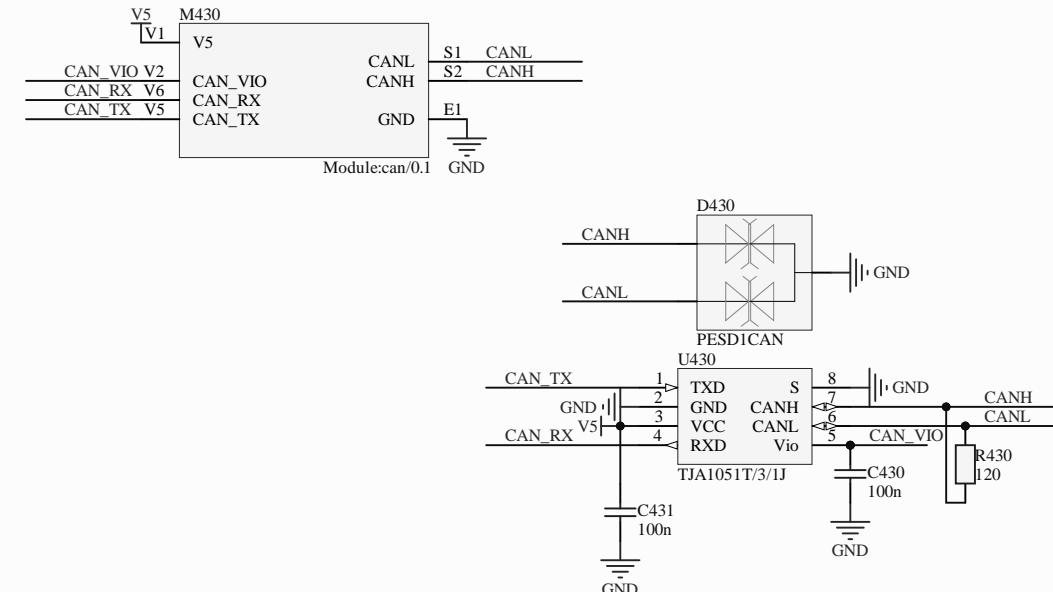


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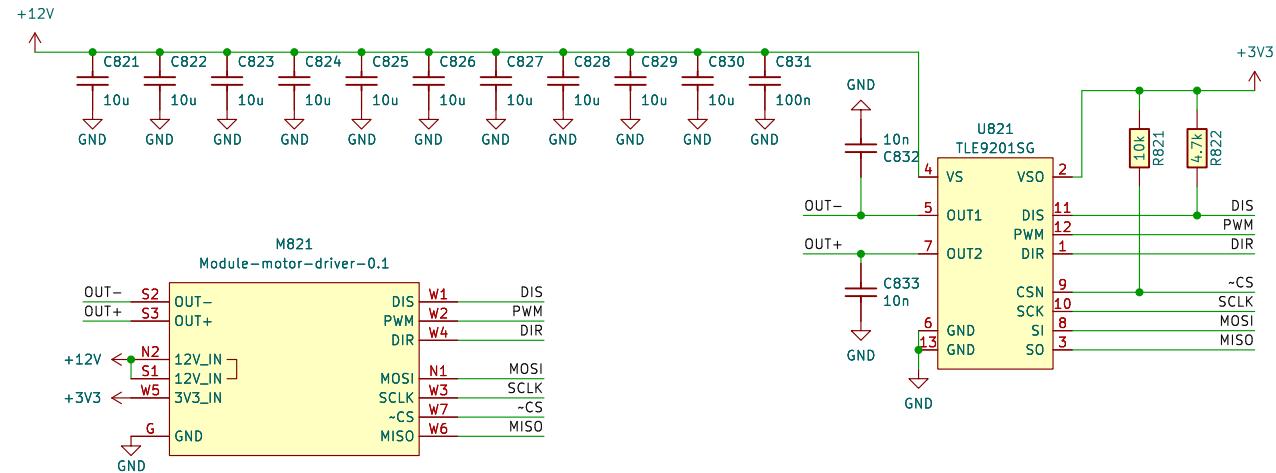
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File: hellen1-motor-driver.kicad_sch

Title: Motor-driver module

Size: A4 Date: 2024-03-07

KiCad E.D.A. 8.0.3

Rev: 0.1

Id: 1/1

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