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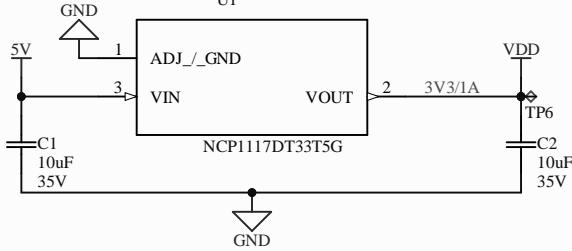
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SCALE: FILE NAME motordriver-v5.1\_top-level.SchDoc SHEET 1 OF 12

# Power Regulation

## 3.3V Fixed LDO



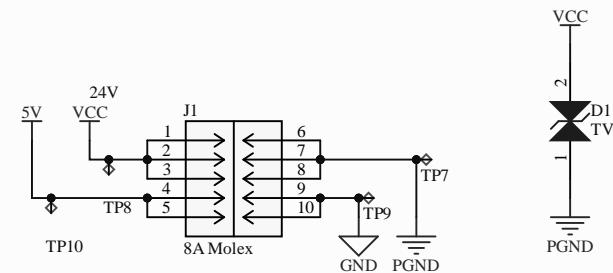
\*\*\*\*\*  
3.3V LDO  
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### Simple 3.3V fixed LDO

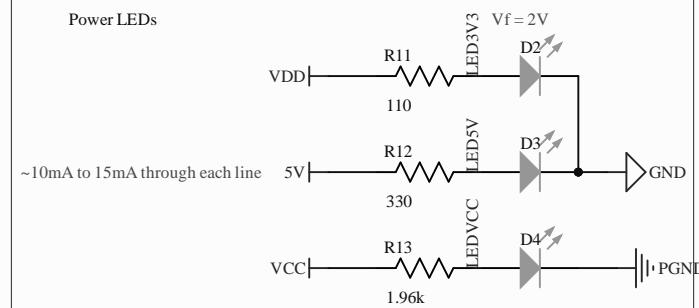
#### Specifications

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

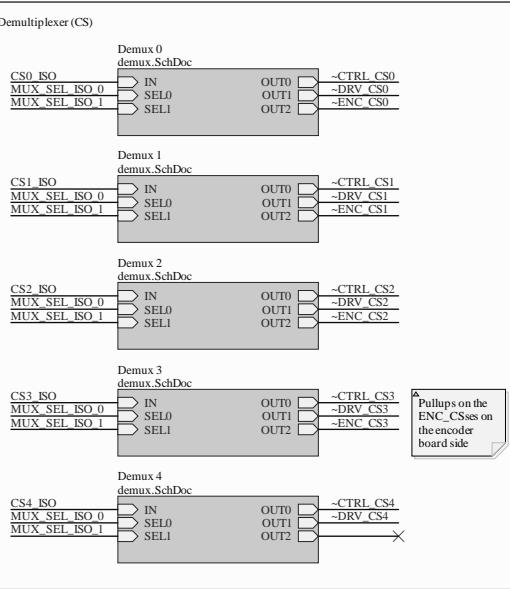
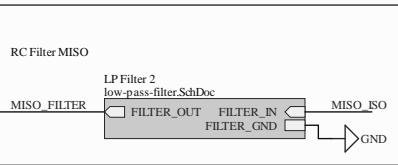
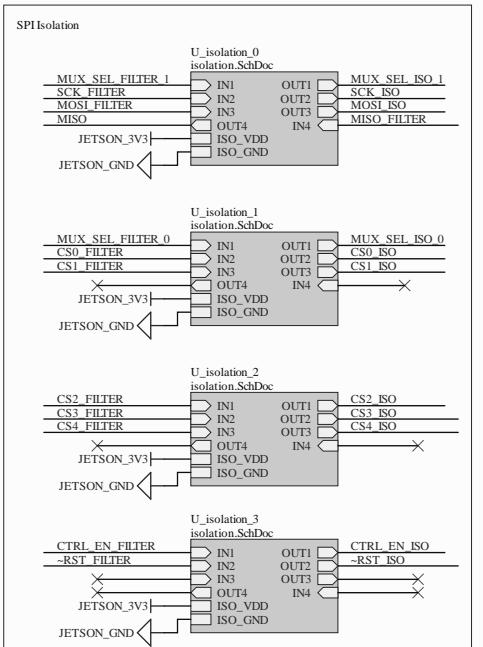
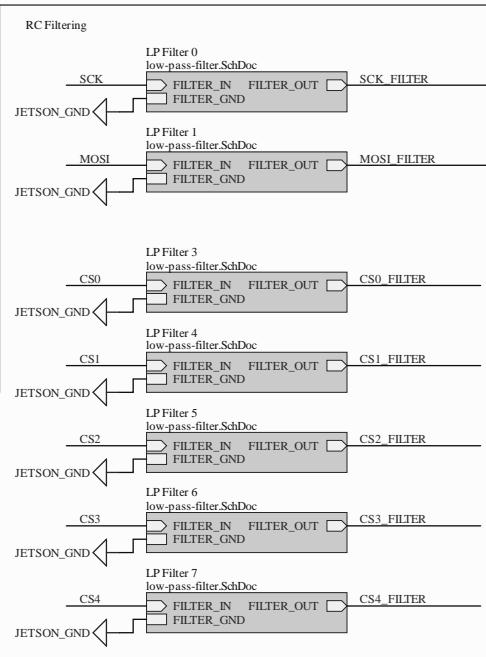
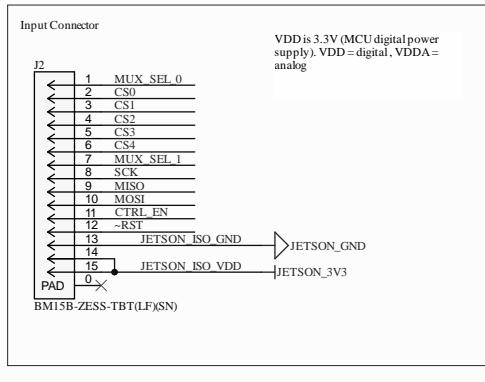
# Power Board Connections



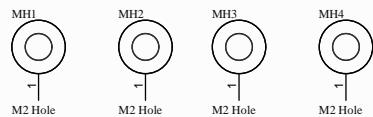
### Power LEDs



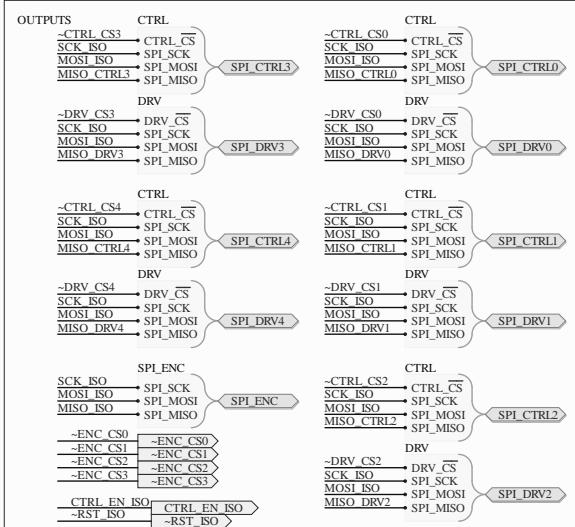
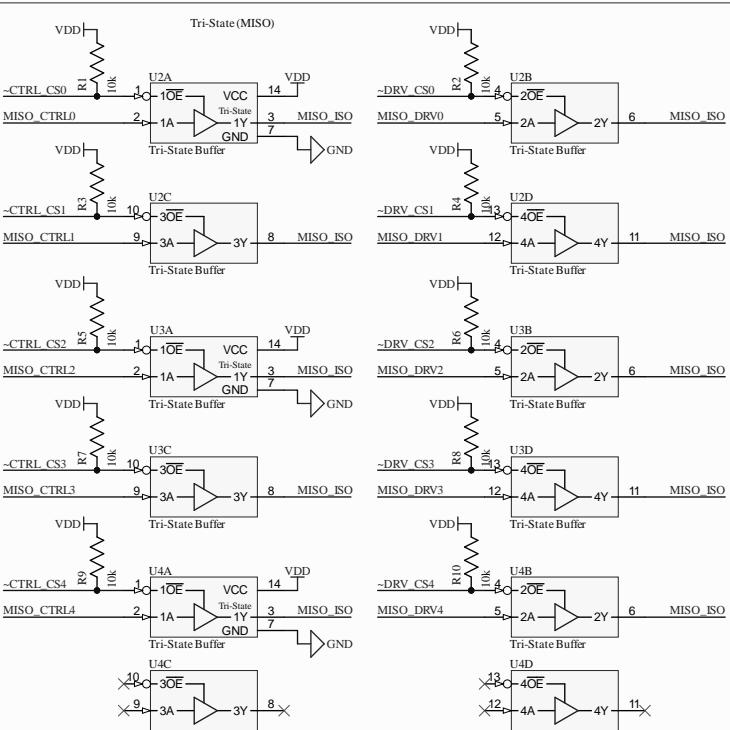
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# Mounting Holes



# Peripherals



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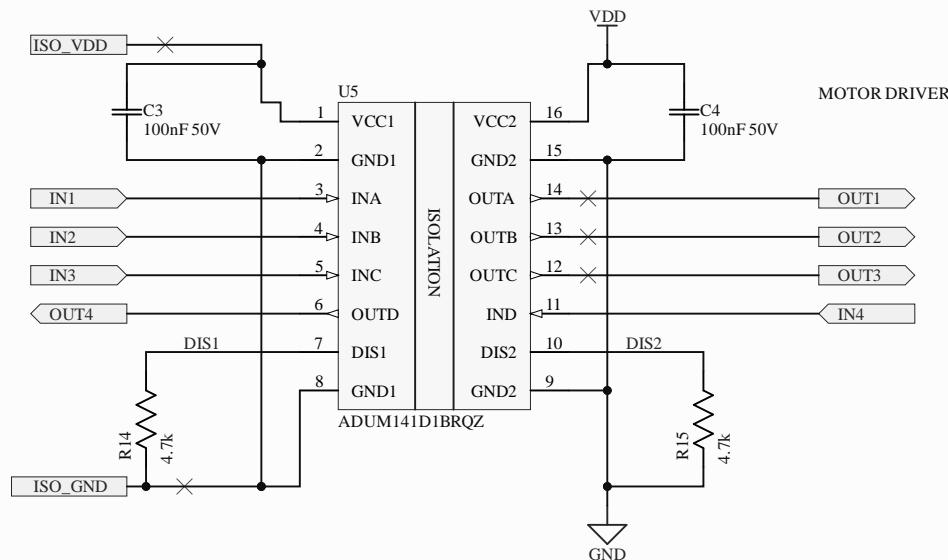
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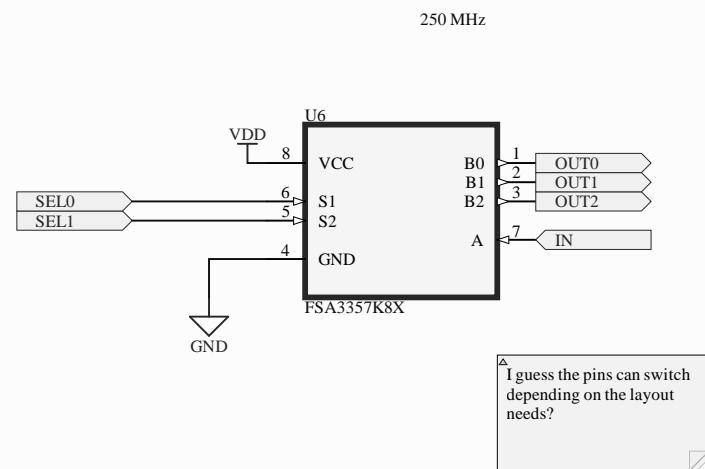
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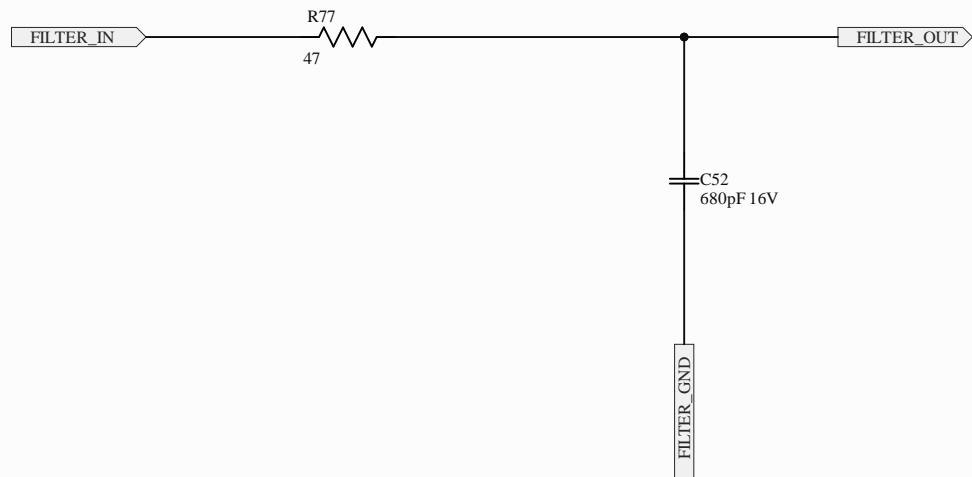
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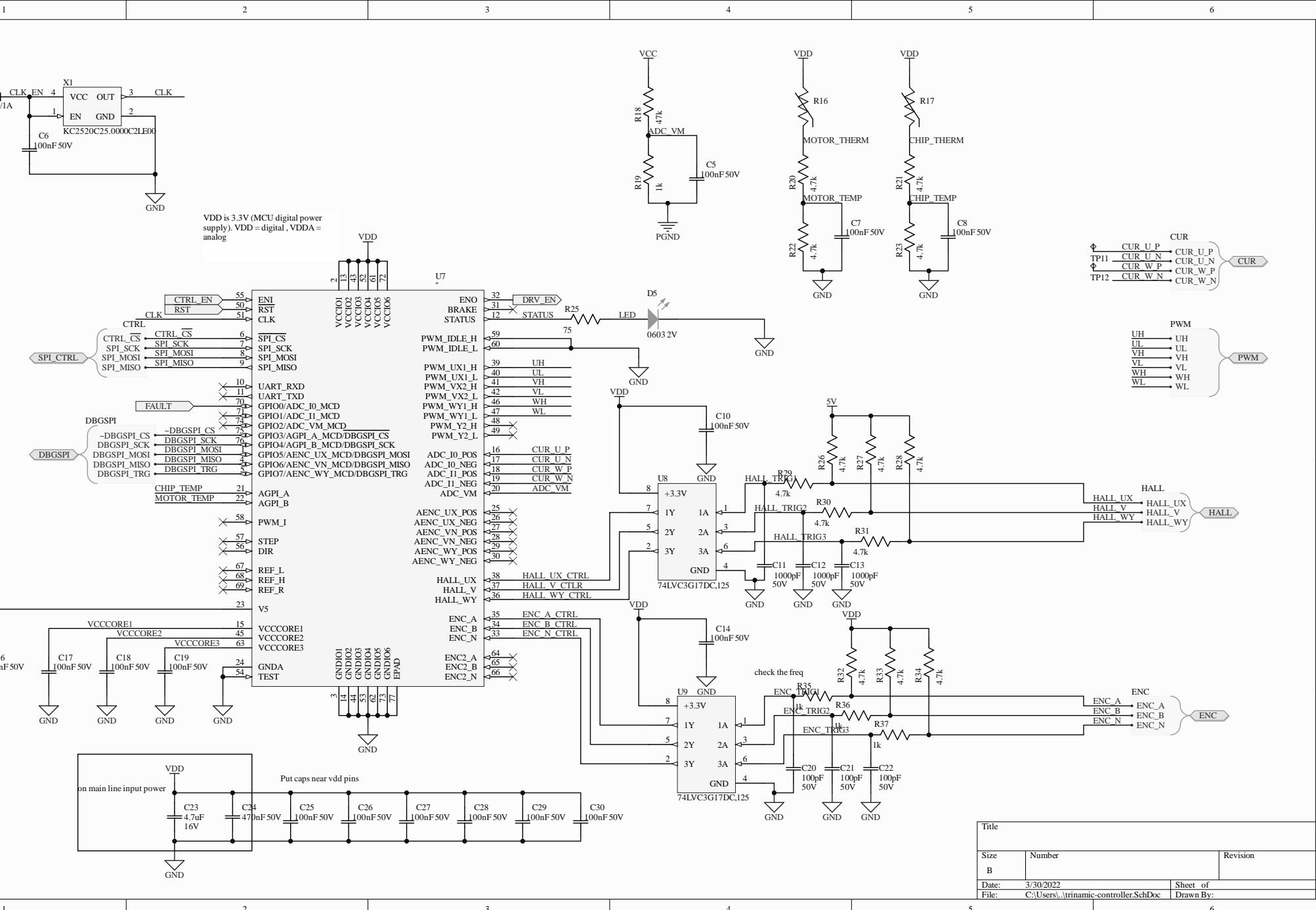
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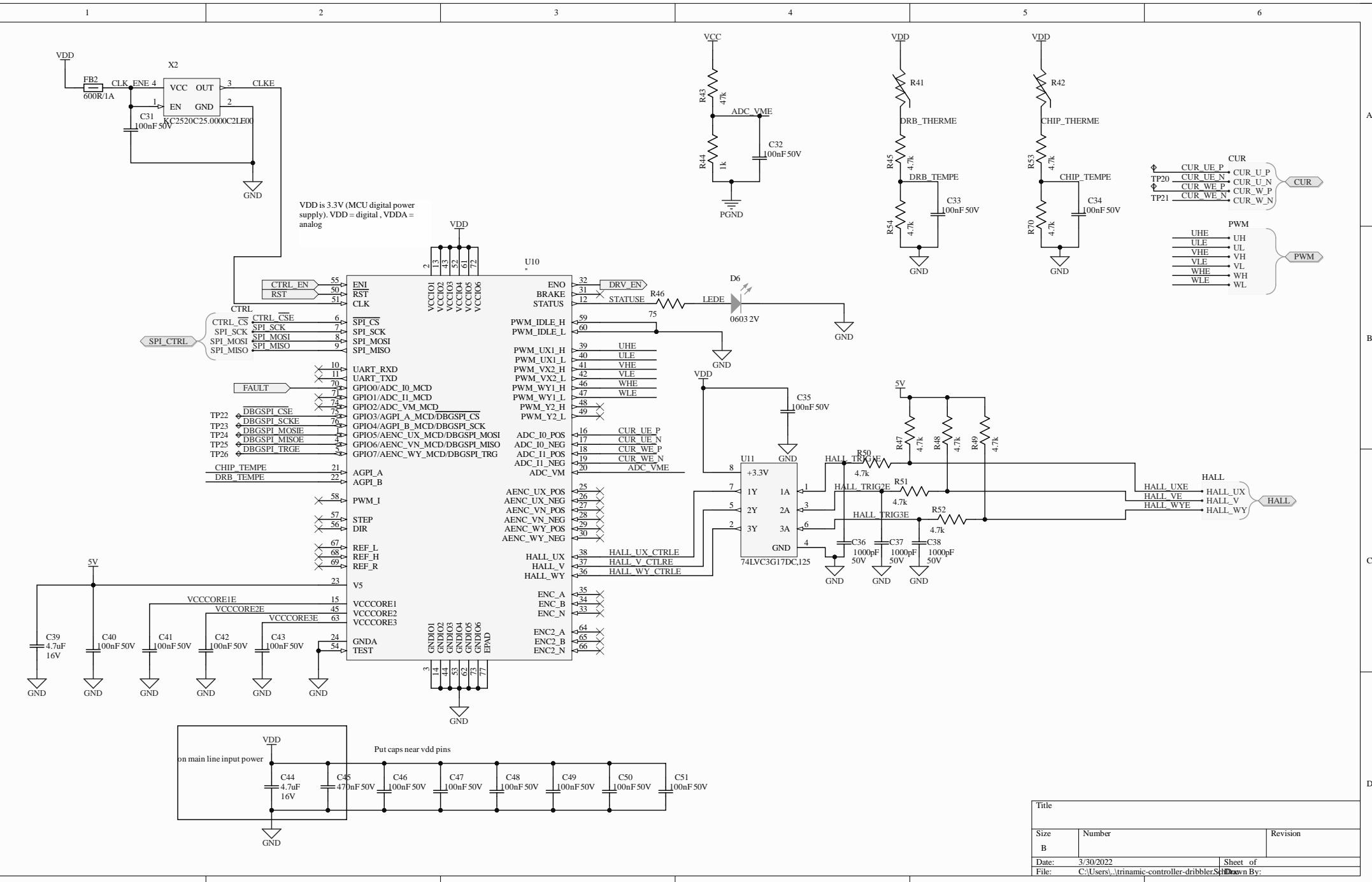
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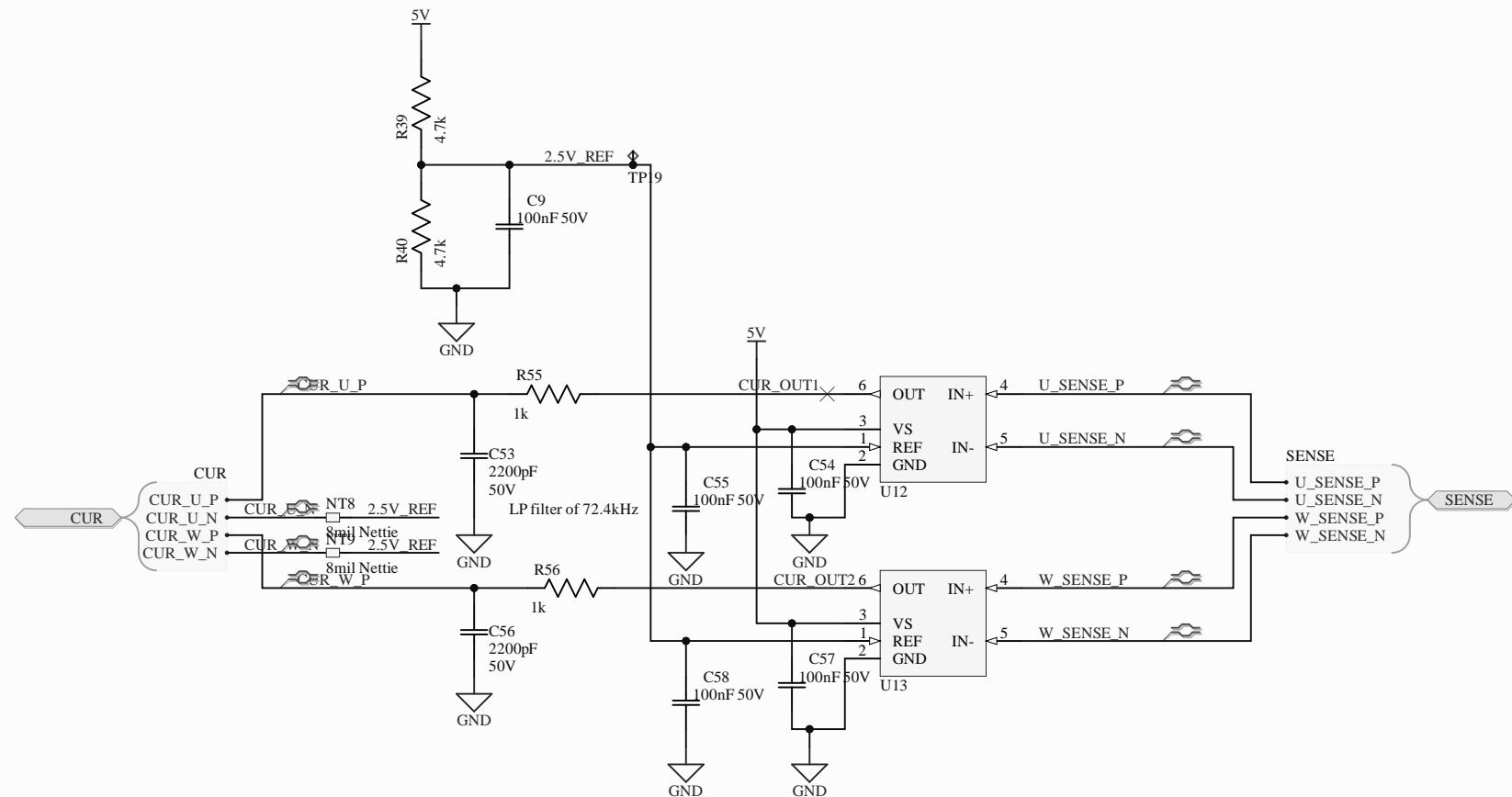
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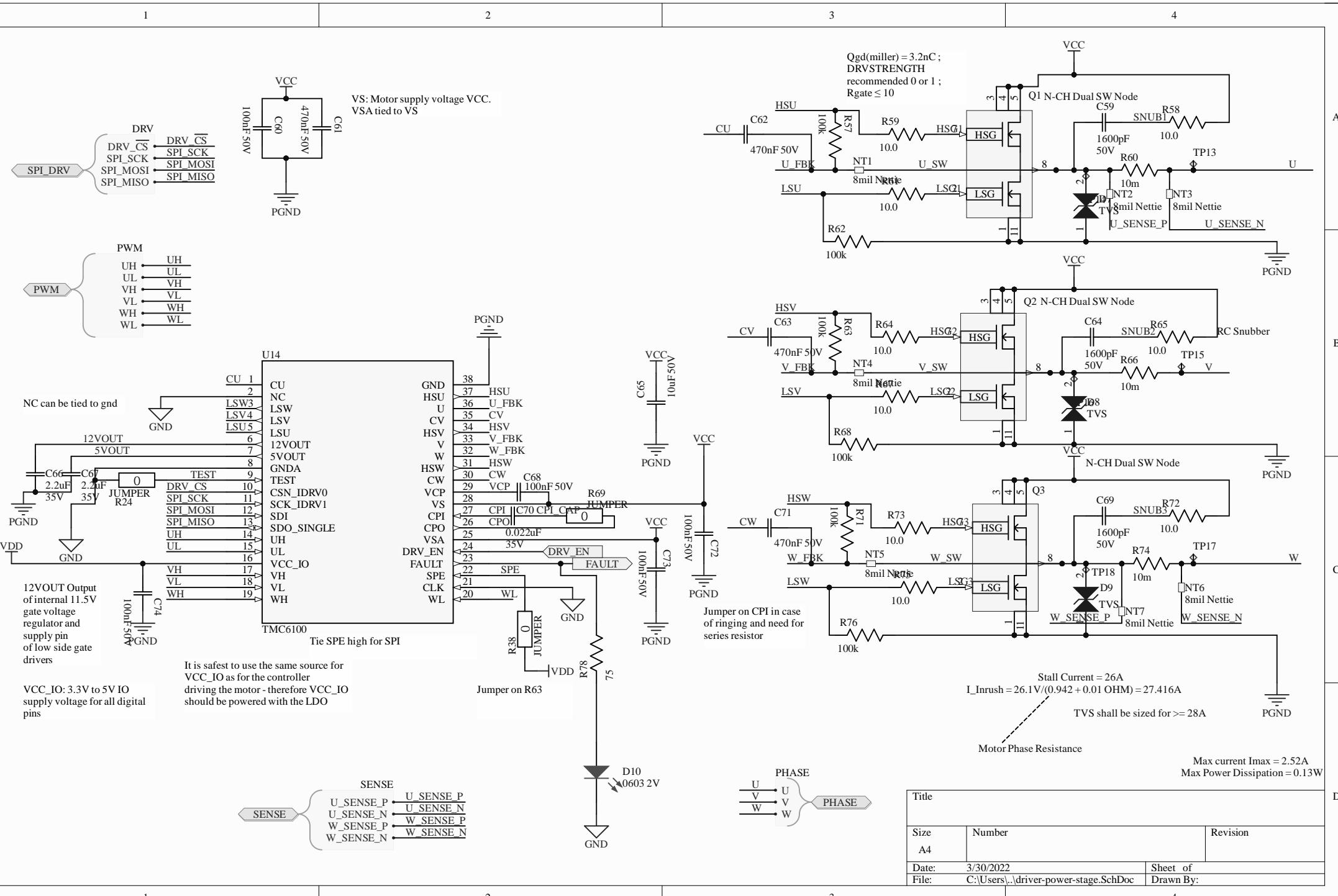
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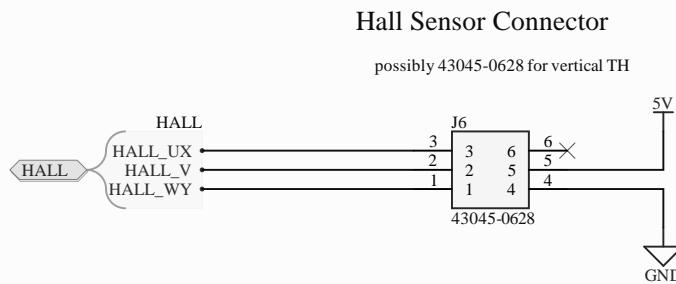


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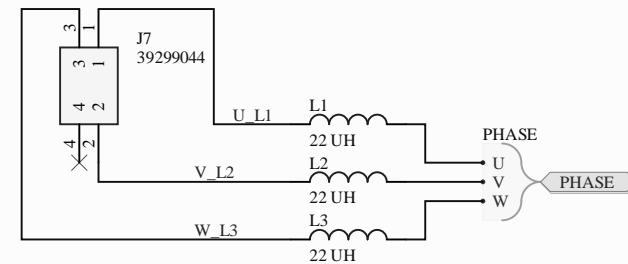
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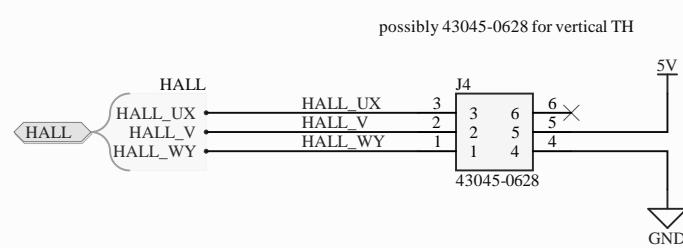
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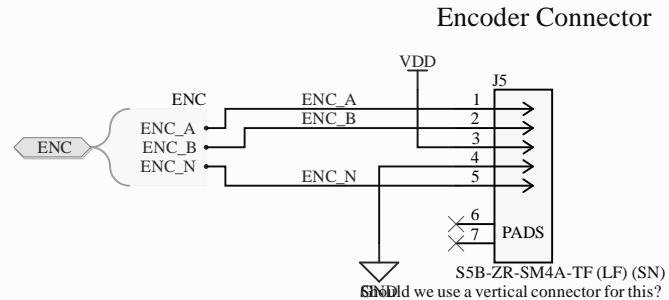
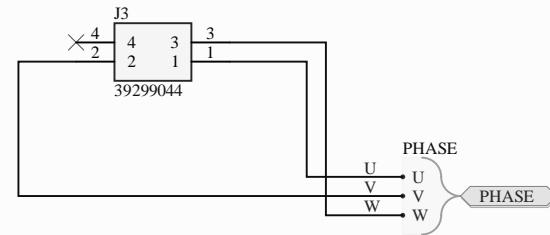
**Motor Connector**  
39299044 vertical molex, 4000 on stock on mouser



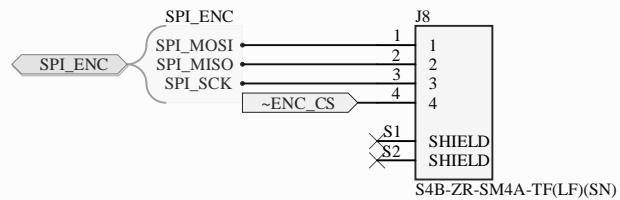
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**Motor Connector**  
39299044 vertical molex, 4000 on stock on mouser



**Encoder SPI Connector**



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