

Sheet: /
File: STAR.kicad_sch

Title:

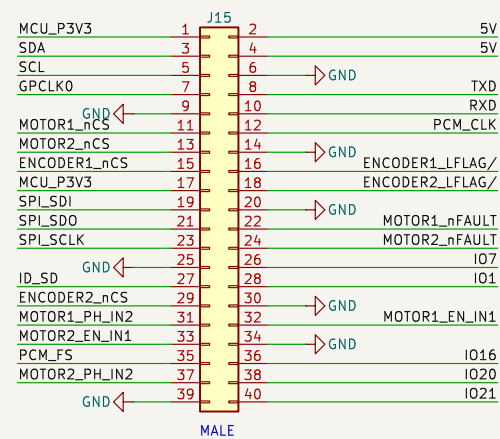
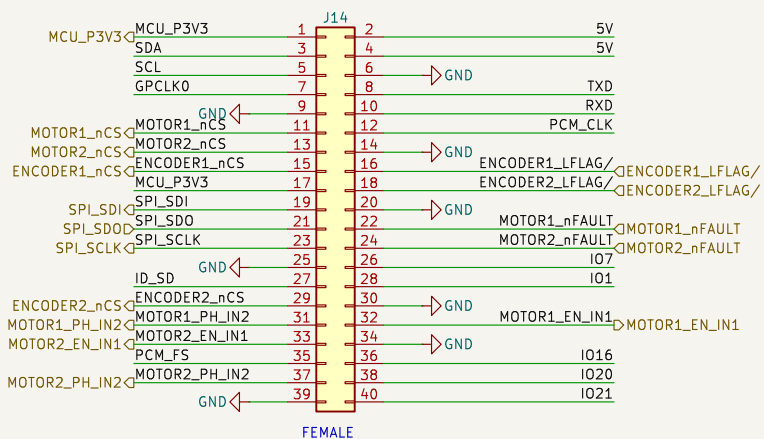
Size: A4

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Sheet: /MCU/
File: MCU.kicad_sch

Title:

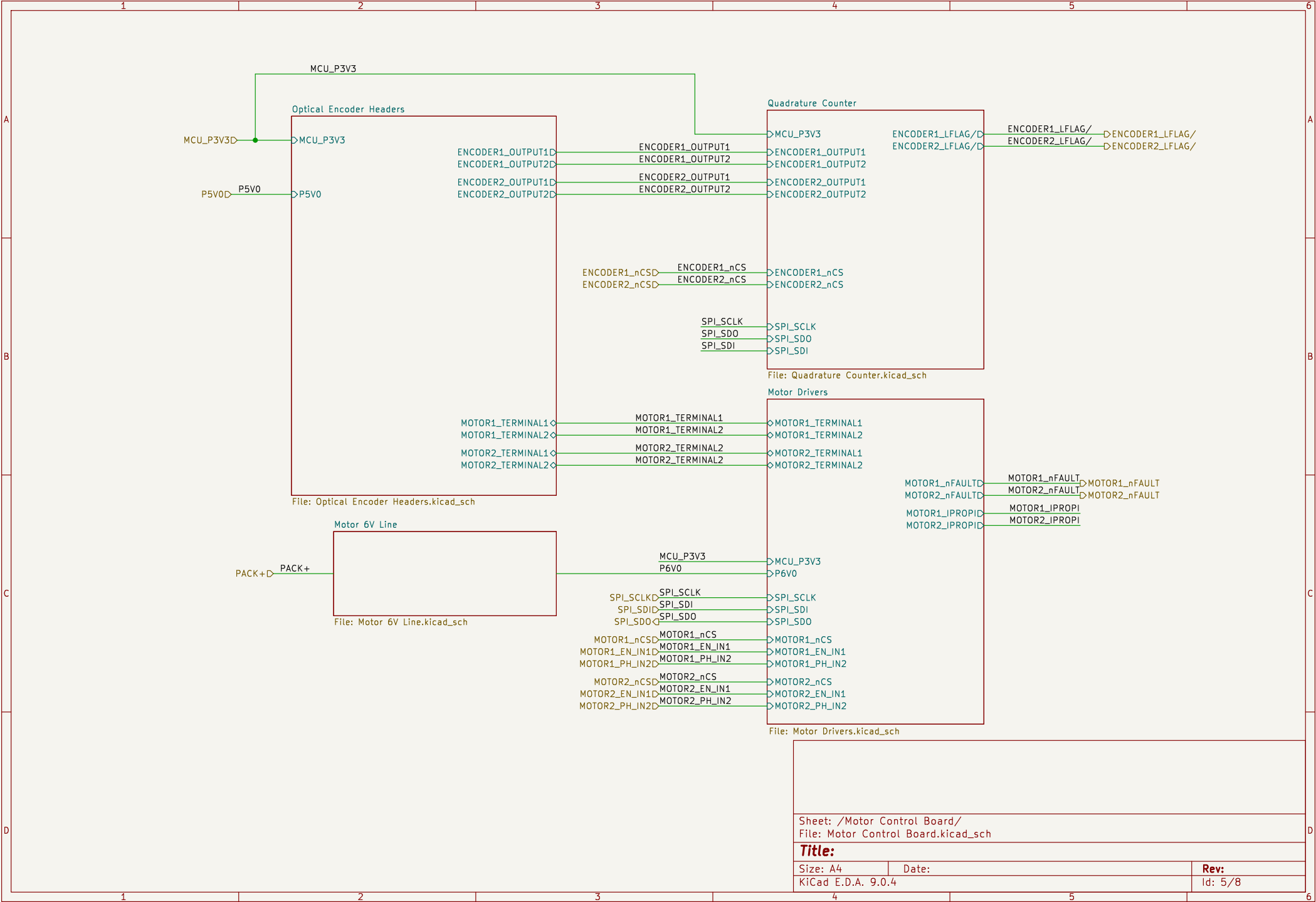
Size: A4

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Sheet: /Motor Control Board/
File: Motor Control Board.kicad_sch

Title:

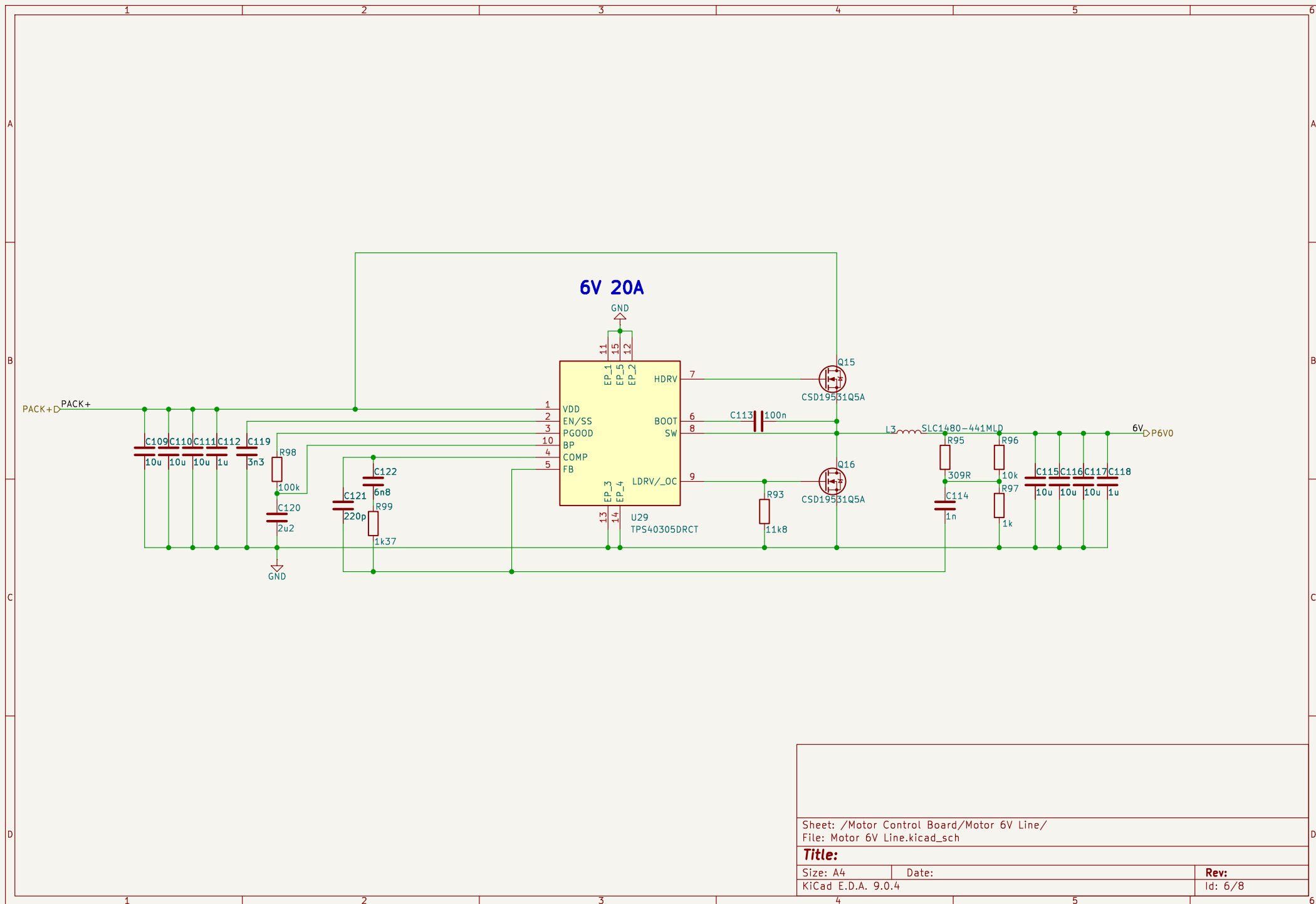
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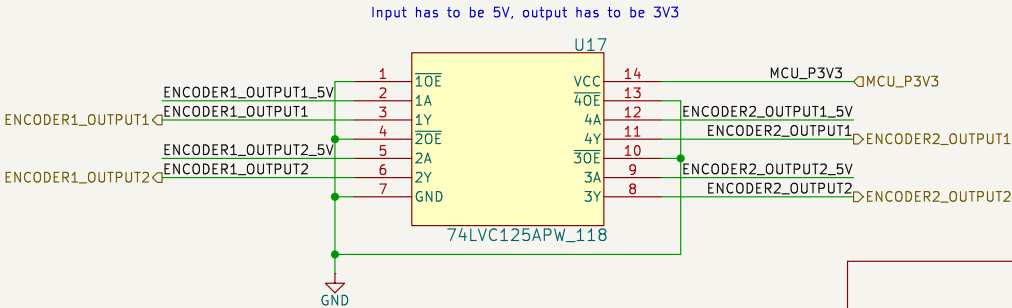
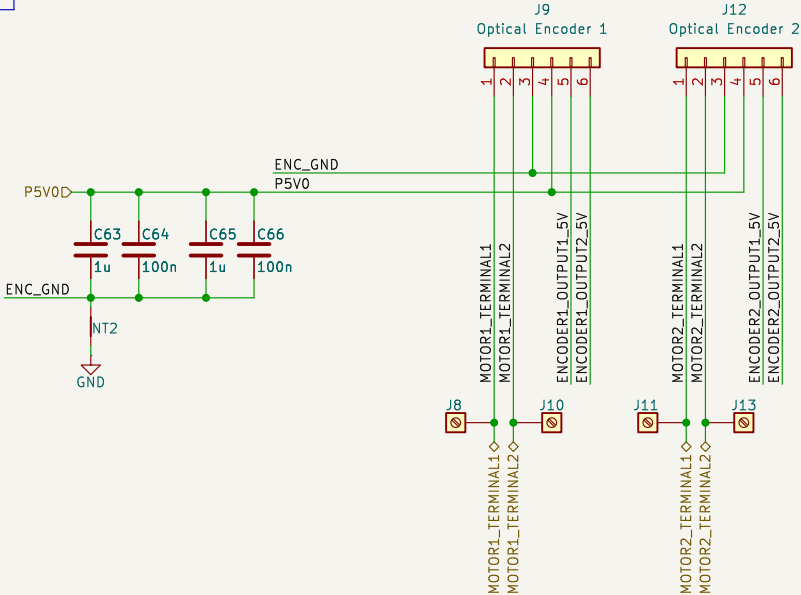
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(1) Red	motor power (connects to one motor terminal)
(2) Black	motor power (connects to the other motor terminal)
(3) Green	encoder GND
(4) Blue	encoder Vcc (3.5 – 20 V)
(5) Yellow	encoder A output
(6) White	encoder B output

- TP39○ ENC_GND
- TP40○ MOTOR1_TERMINAL1
- TP41○ MOTOR1_TERMINAL2
- TP42○ ENCODER1_OUTPUT1_5V
- TP43○ ENCODER1_OUTPUT2_5V
- TP44○ MOTOR2_TERMINAL1
- TP45○ MOTOR2_TERMINAL2
- TP46○ ENCODER2_OUTPUT1_5V
- TP47○ ENCODER2_OUTPUT2_5V
- TP48○ ENCODER1_OUTPUT1
- TP49○ ENCODER1_OUTPUT2
- TP50○ ENCODER2_OUTPUT1
- TP51○ ENCODER2_OUTPUT2



Sheet: /Motor Control Board/Optical Encoder Headers/
File: Optical Encoder Headers.kicad_sch

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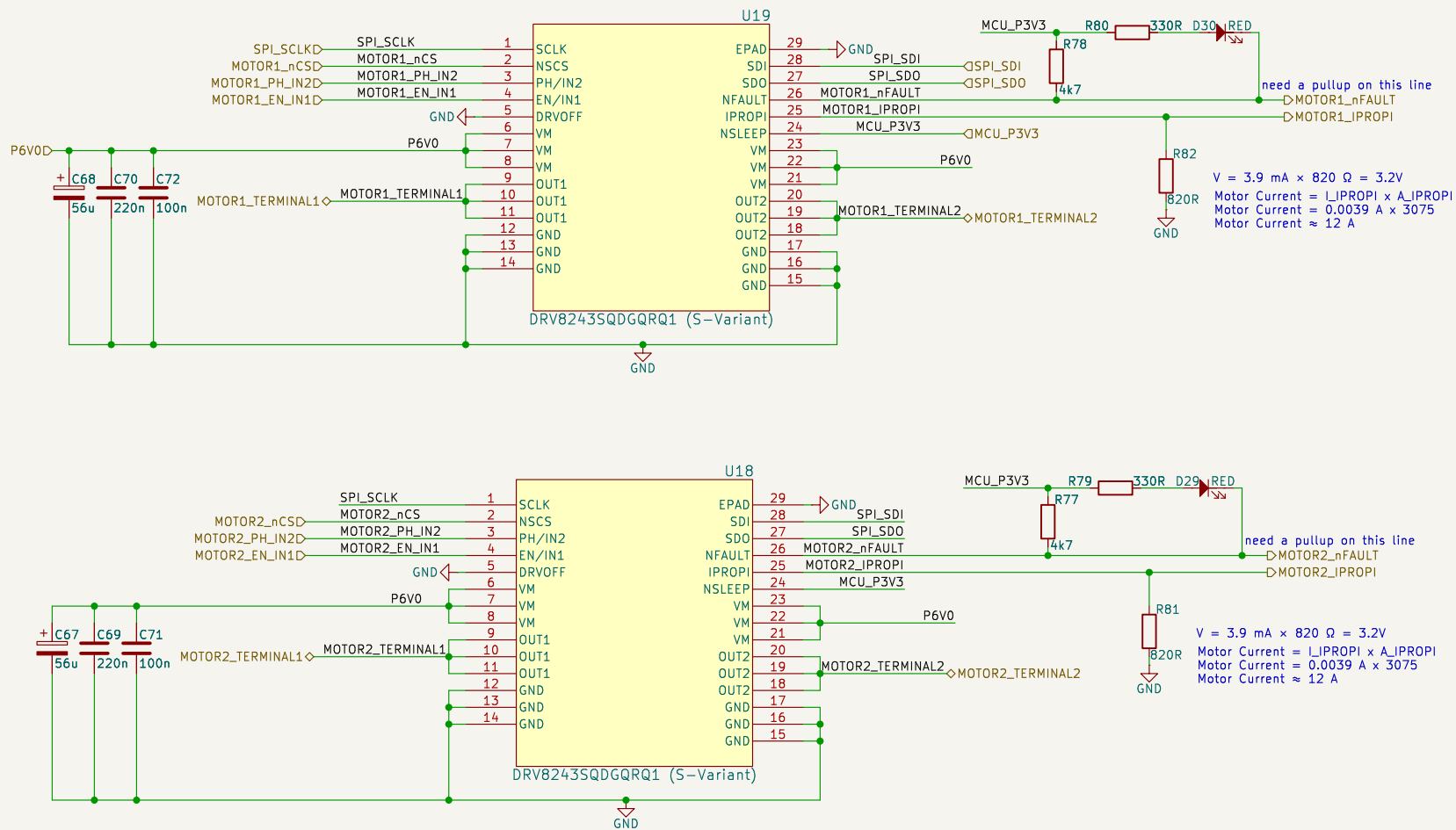
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Sheet: /Motor Control Board/Motor Drivers/
File: Motor Drivers.kicad_sch

Title:

Size: A4

Date:

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