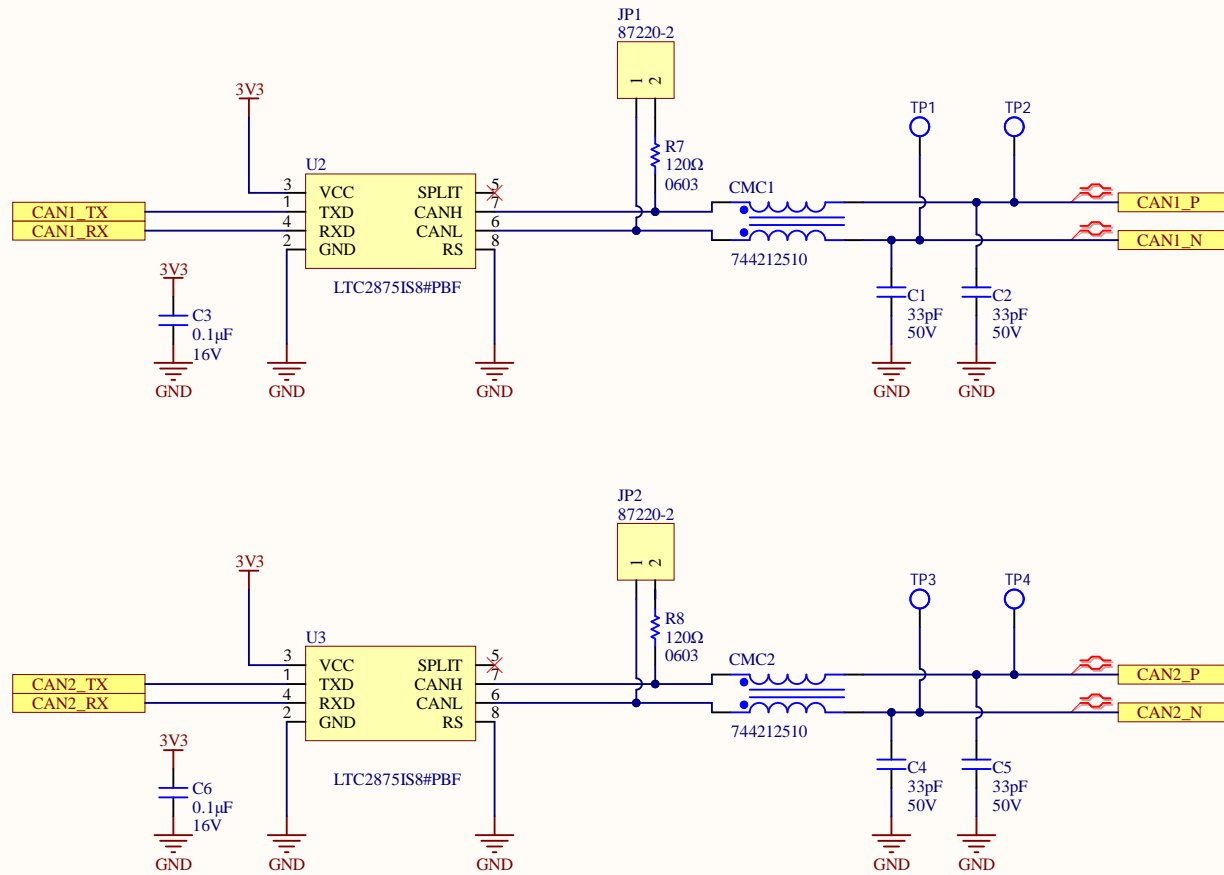
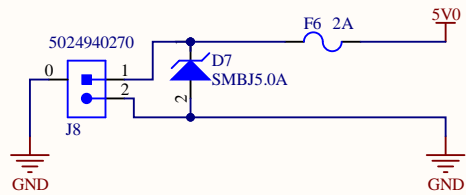


CAN Transceivers





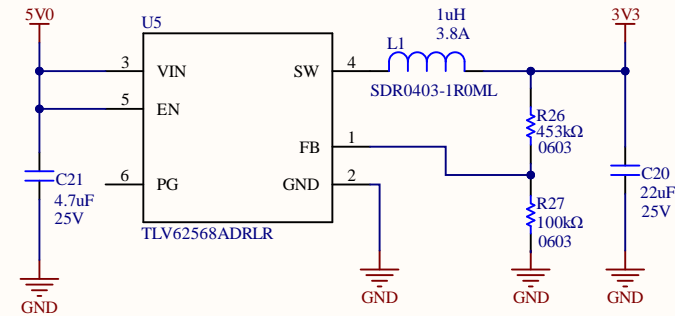
5V - 3.3V Buck Converter

Designed for 3.3V - 5V input

Route for 1A in

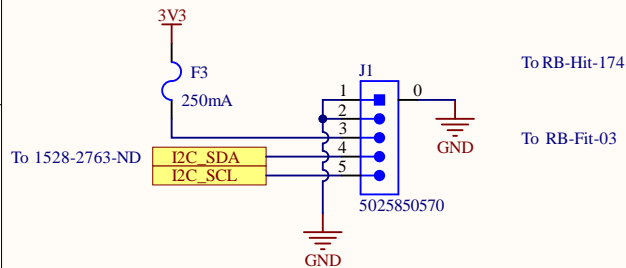
Inductor: SDR0403-1R0ML
1uH, 20%, 33mOhm DCR (max)
3.8A (rms), 5.5A (sat), 3.2mm tall

Route for 3A out

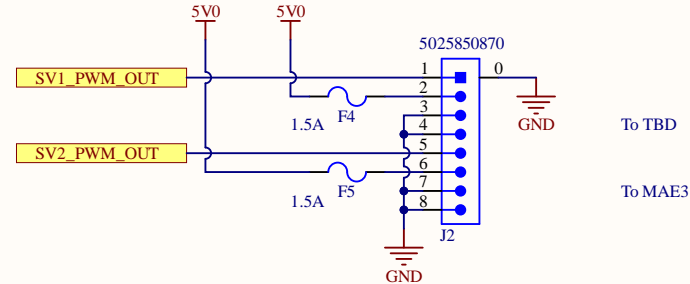


Maximum output power = 6.6W
Expected efficiency at 1A = 94.3%

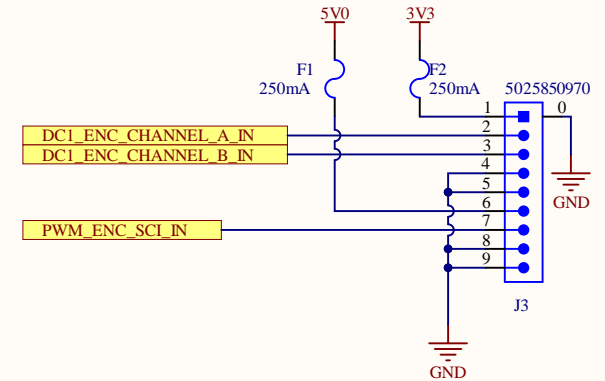
I²C Sensors



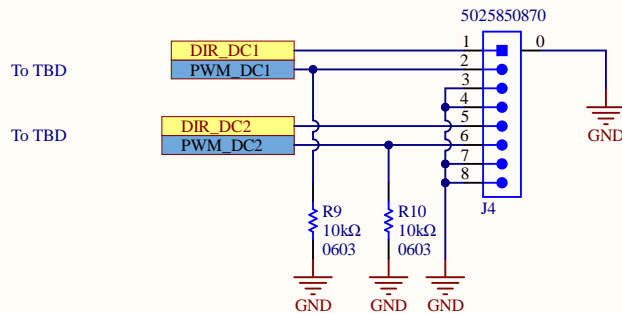
Servos



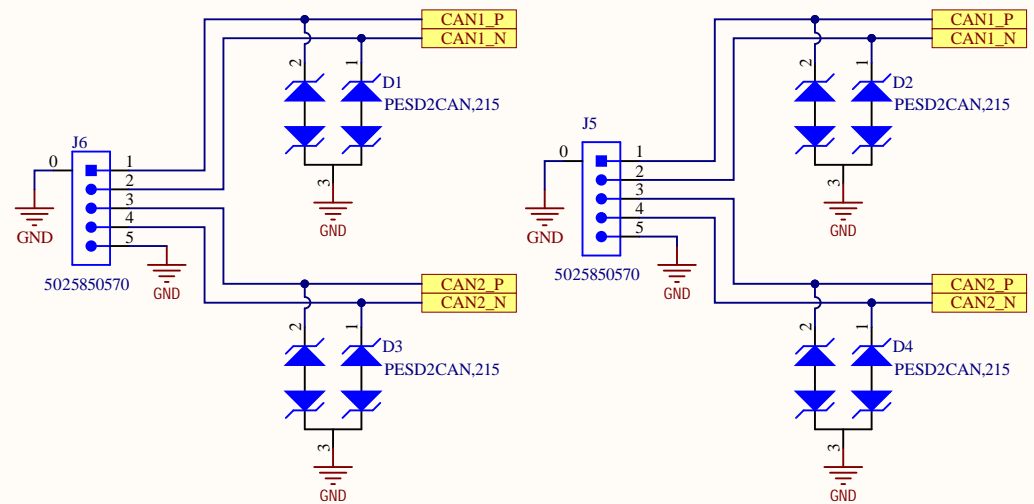
Encoders



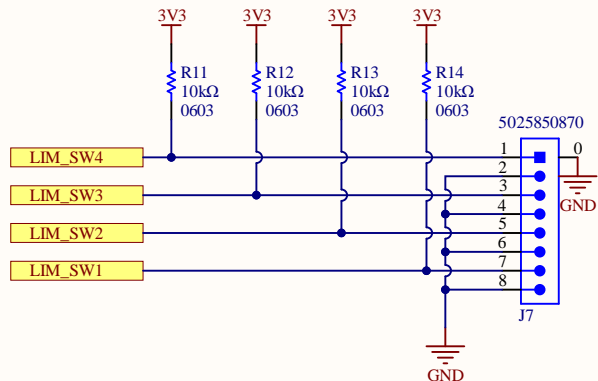
DC Motors



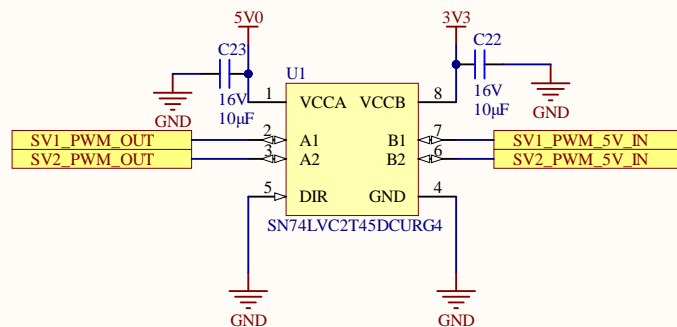
CAN



Limit Switches

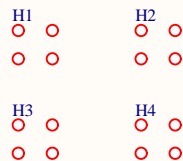


Servo Level Shifters



Decoupling values may need to be changed

Mounting Holes



Encoder Voltage Dividers

5V - 3V Conversion

