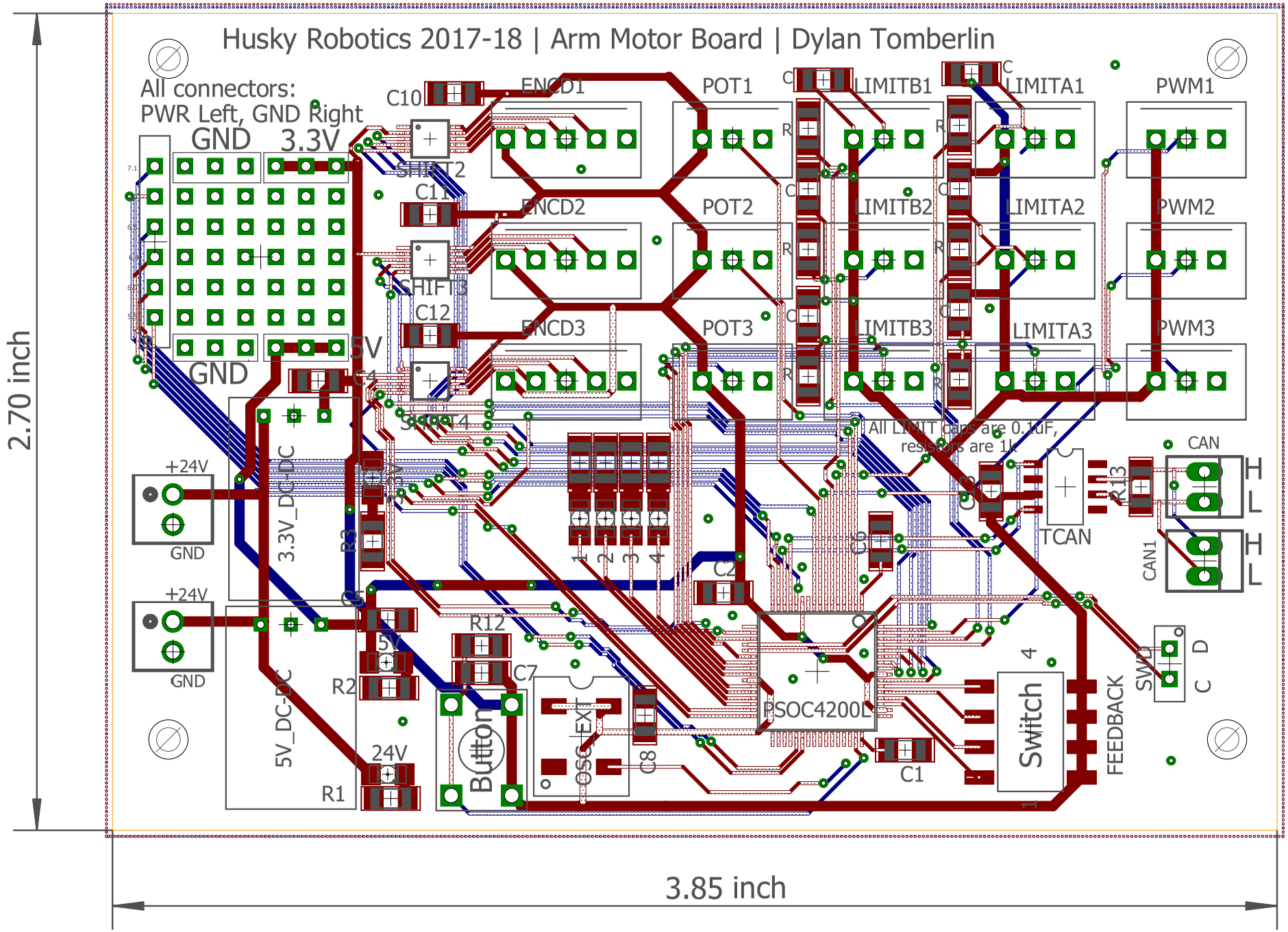
Husky Robotics 2017-18 | Arm Motor Board | Dylan Tomberlin
All connectors:
PWR Left, GND Right
GND
3.3V
5V
GND
ENCD1
ENCD2
ENCD3
POT1
POT2
POT3
LIMITB1
LIMITB2
LIMITB3
LIMITA1
LIMITA2
LIMITA3
PWM1
PWM2
PWM3
C10
C11
C12
SHIFT2
SHIFT3
SHIFT4
All LIMIT caps are 0.1uF,
resistors are 1k
CAN
CAN1
TCAN
R13
+24V
GND
+24V
GND
3.3V_DC-DC
5V_DC-DC
R3
R2
R1
R12
C7
C5
C4
C2
C1
C8
C9
C6
5V
24V
Button
OSC_EX
PSOC4200L
Switch
FEEDBACK
SWD
C
D
2.70 inch
3.85 inch