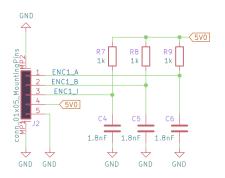
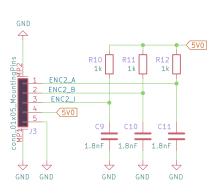
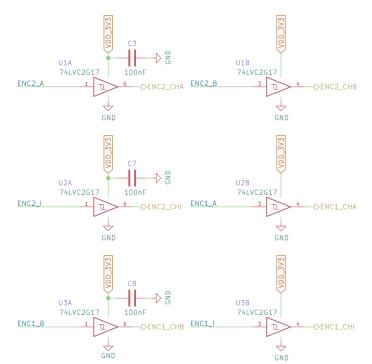


AEDT-981x encoders output are push-pull so we can remove the pull up, or at least make it optional, not sure about the need for the capacitors







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Sheet: /OMODRI_QuadEncod/

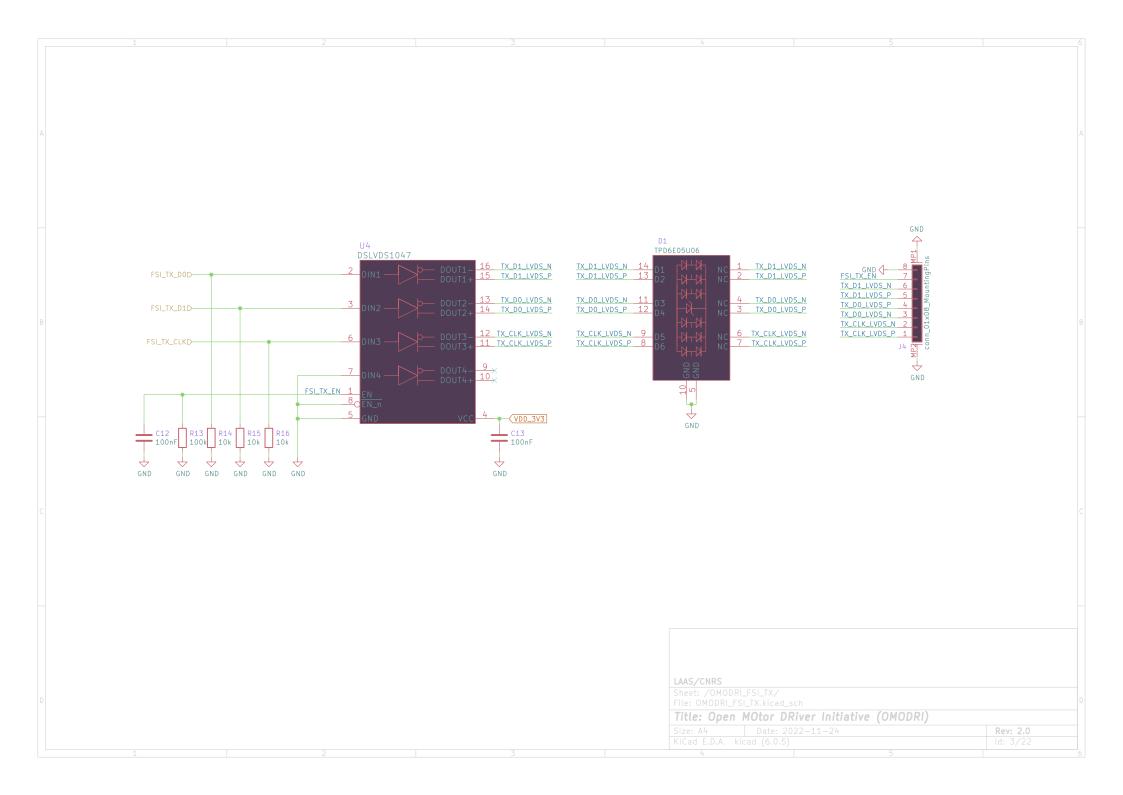
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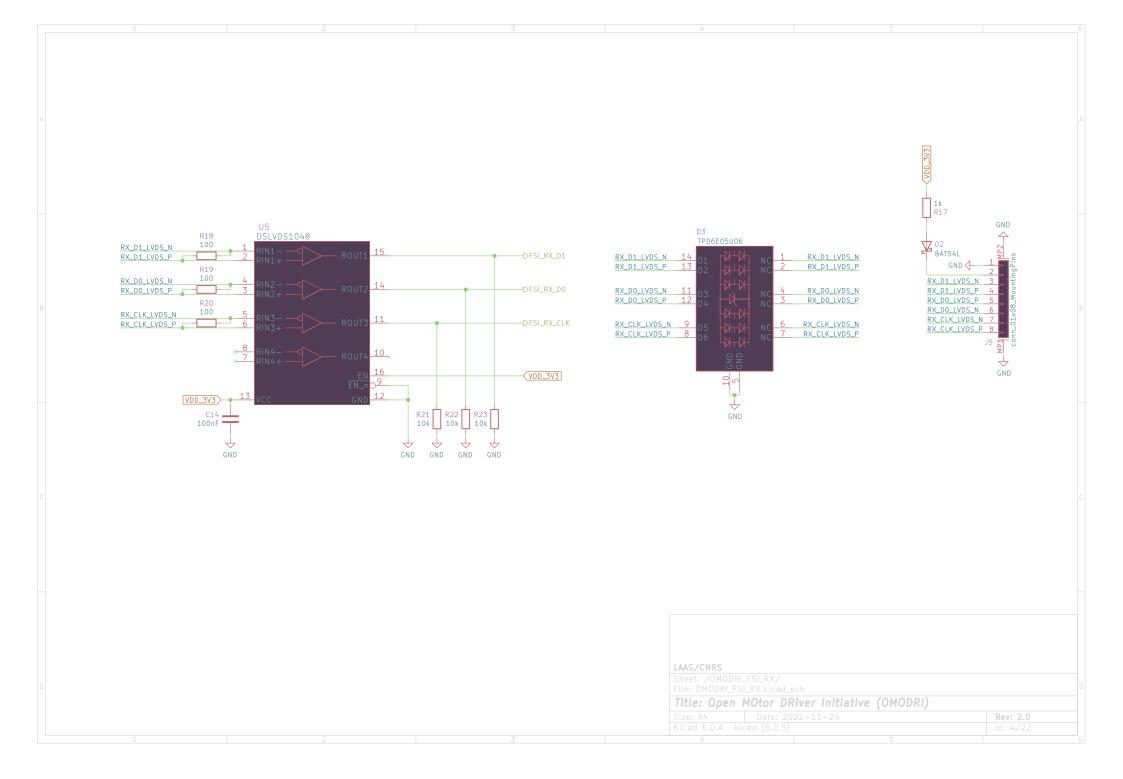
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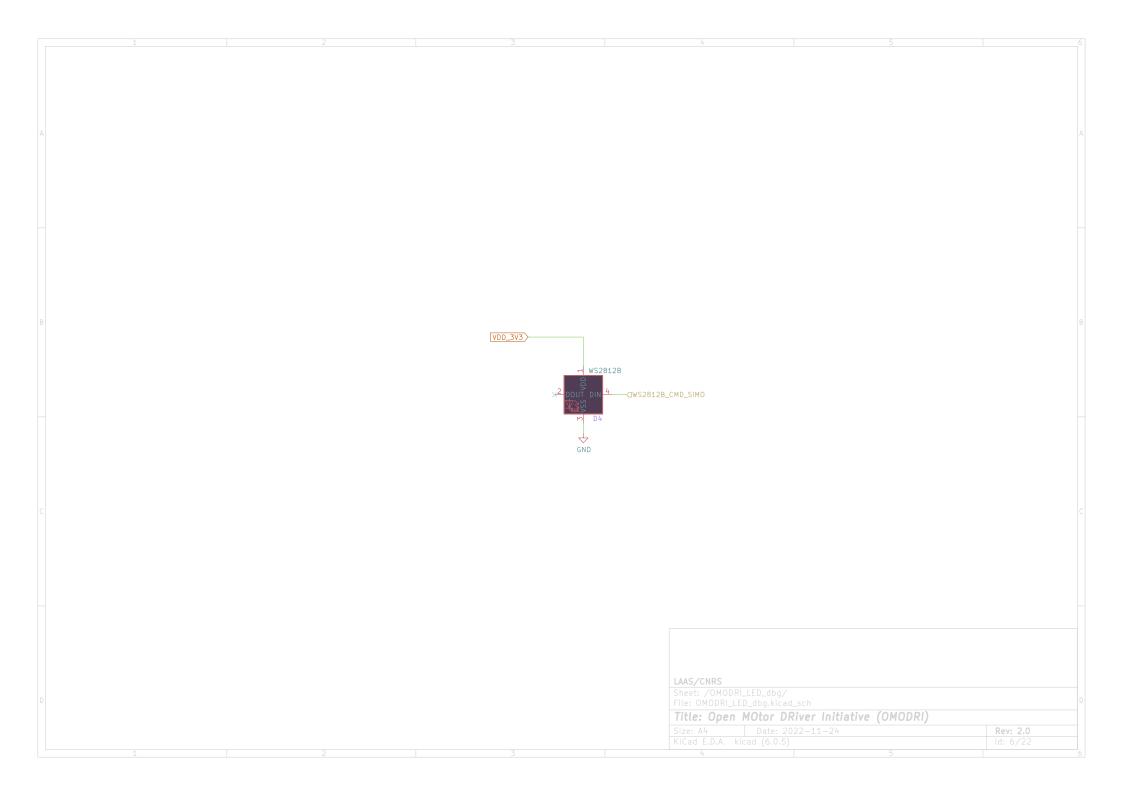
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 Date: 2022-11-24
 Rev: 2.0

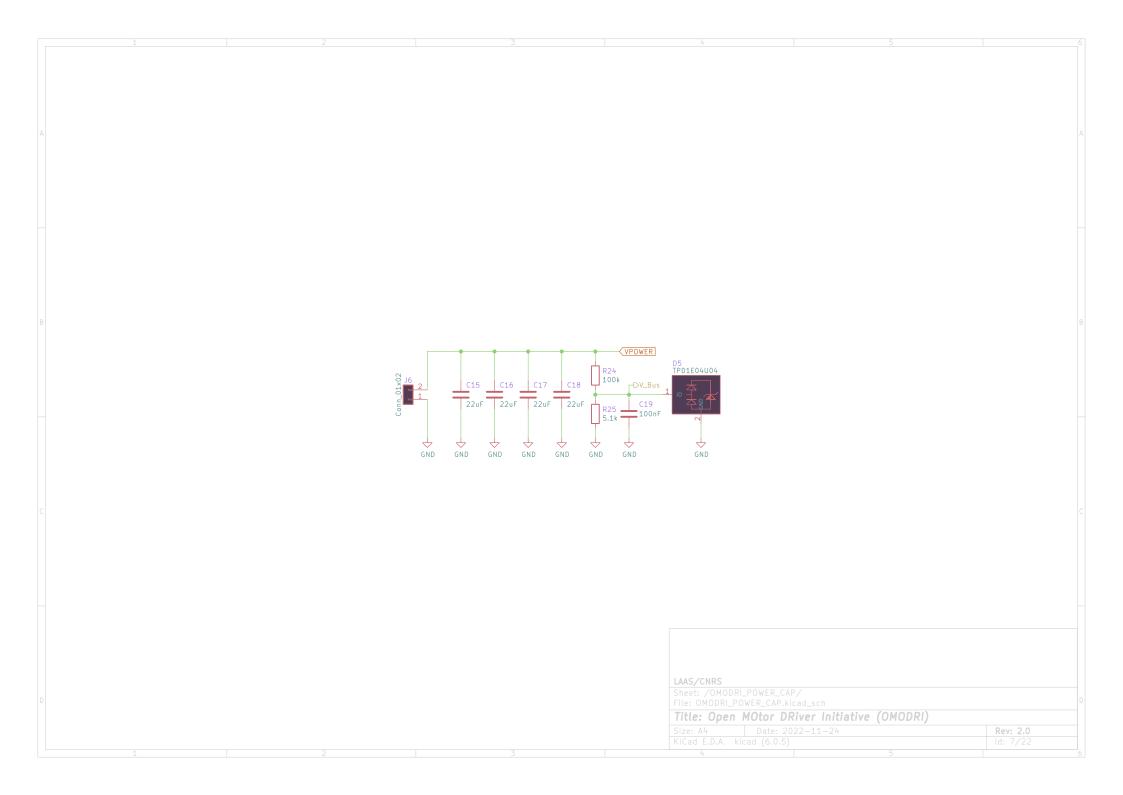
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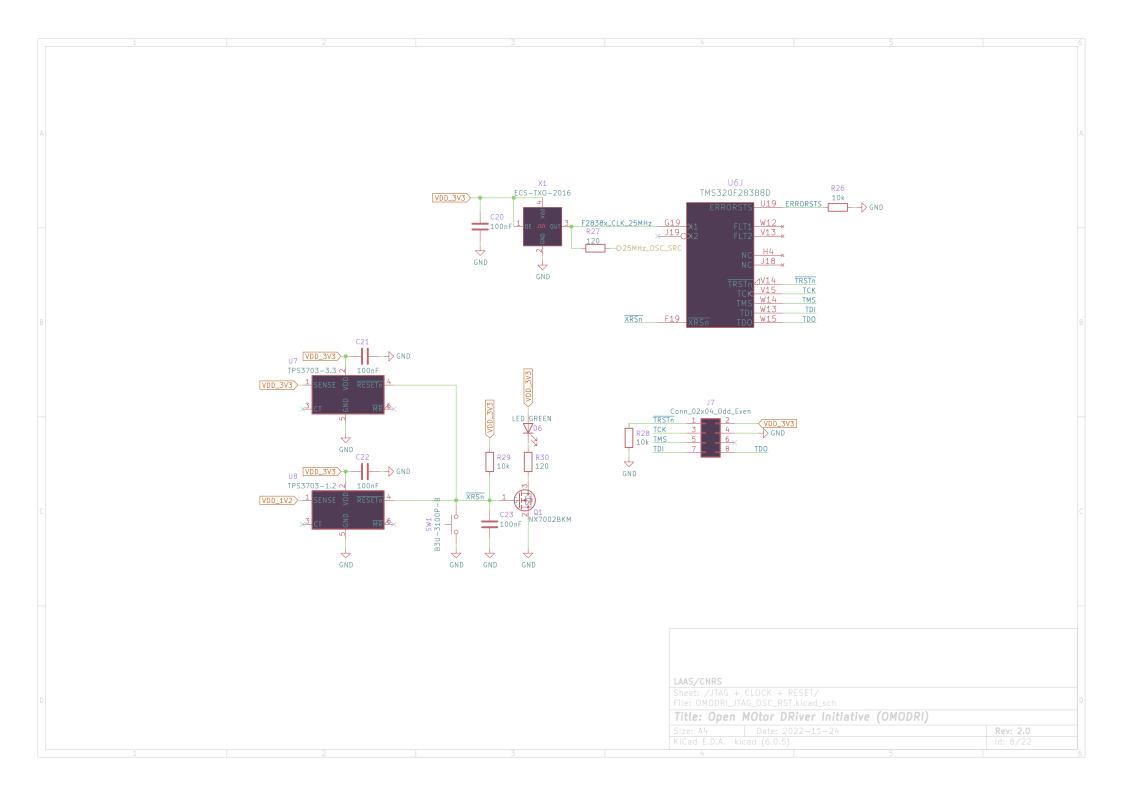
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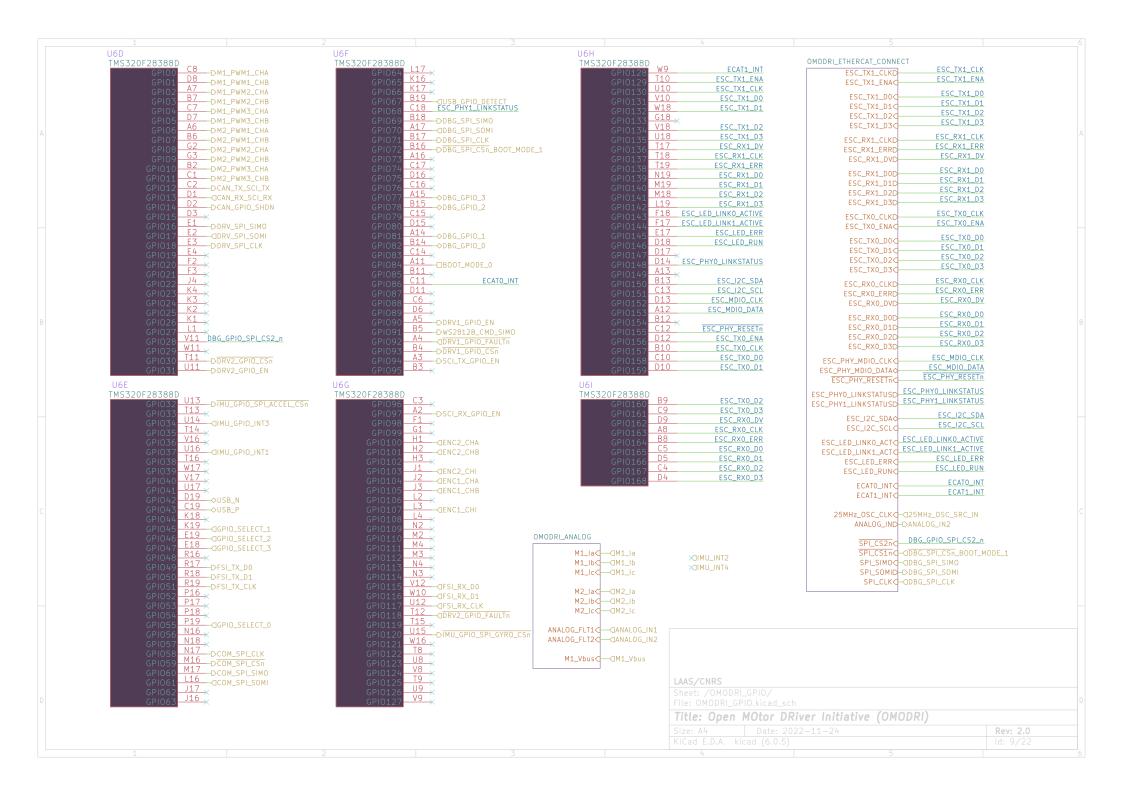


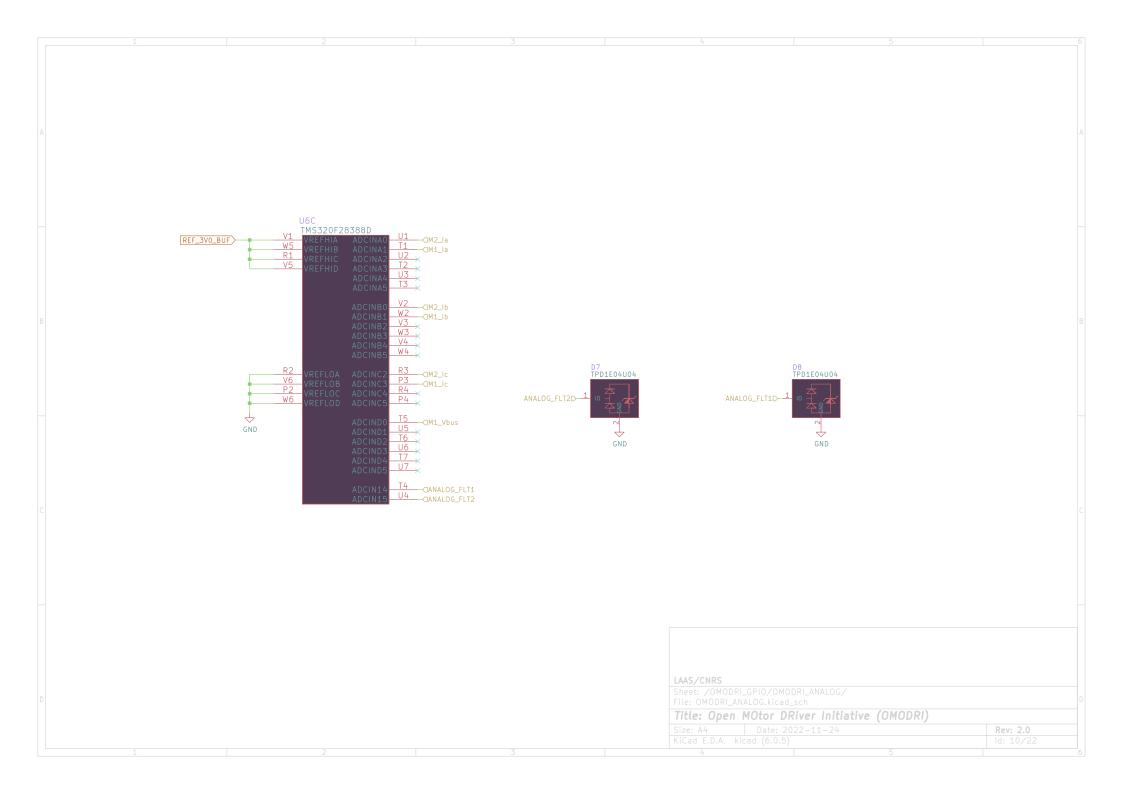


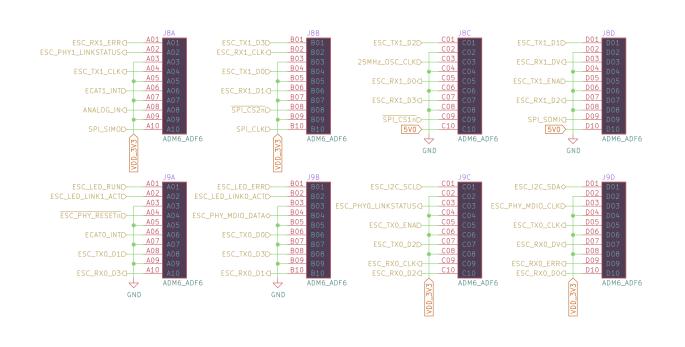


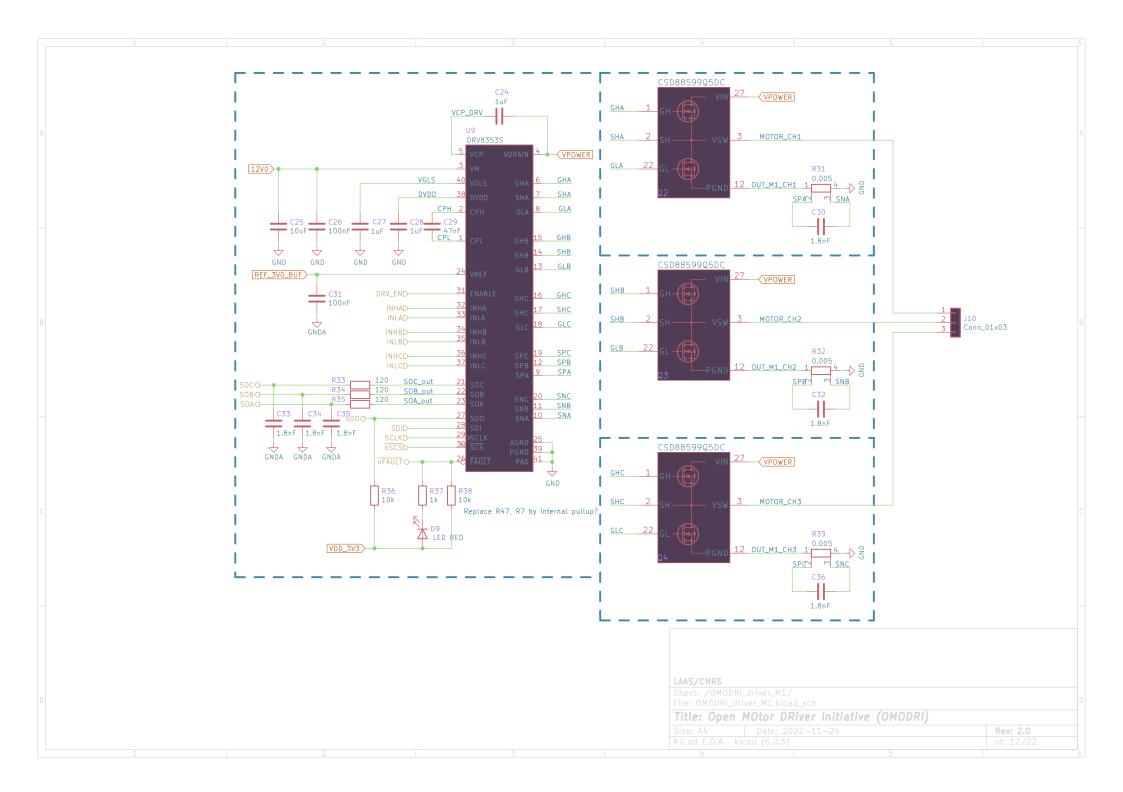


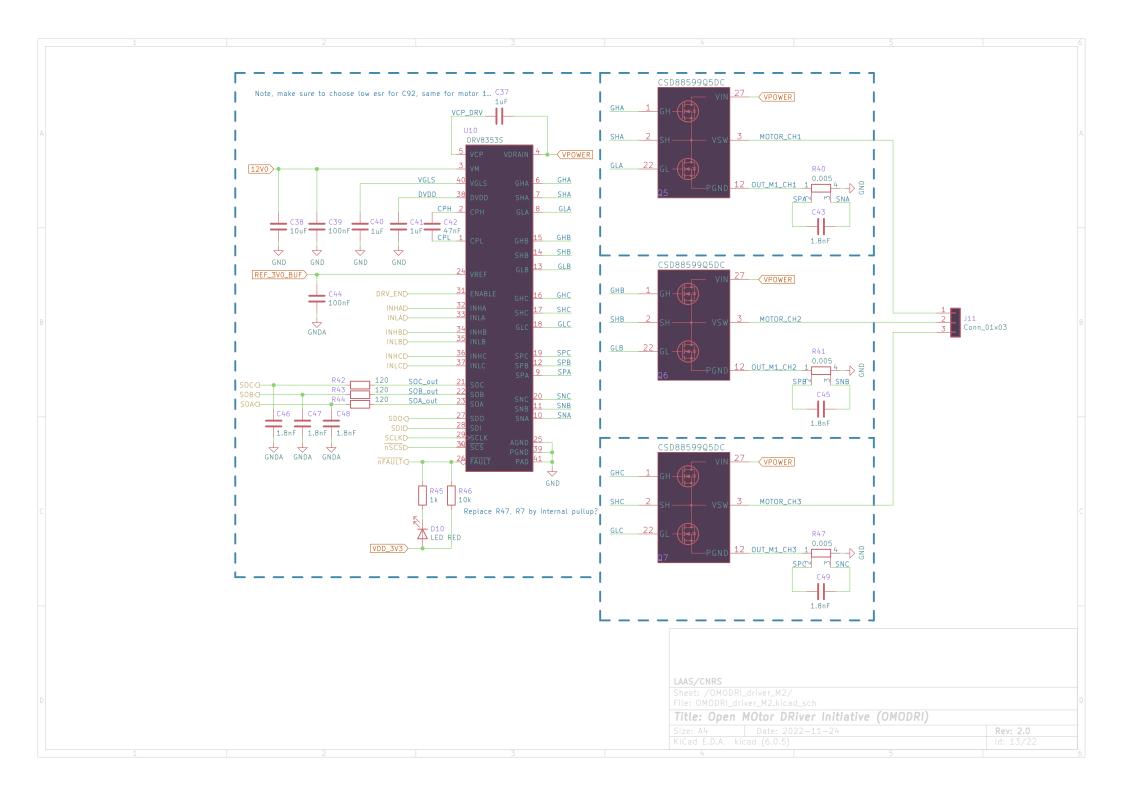


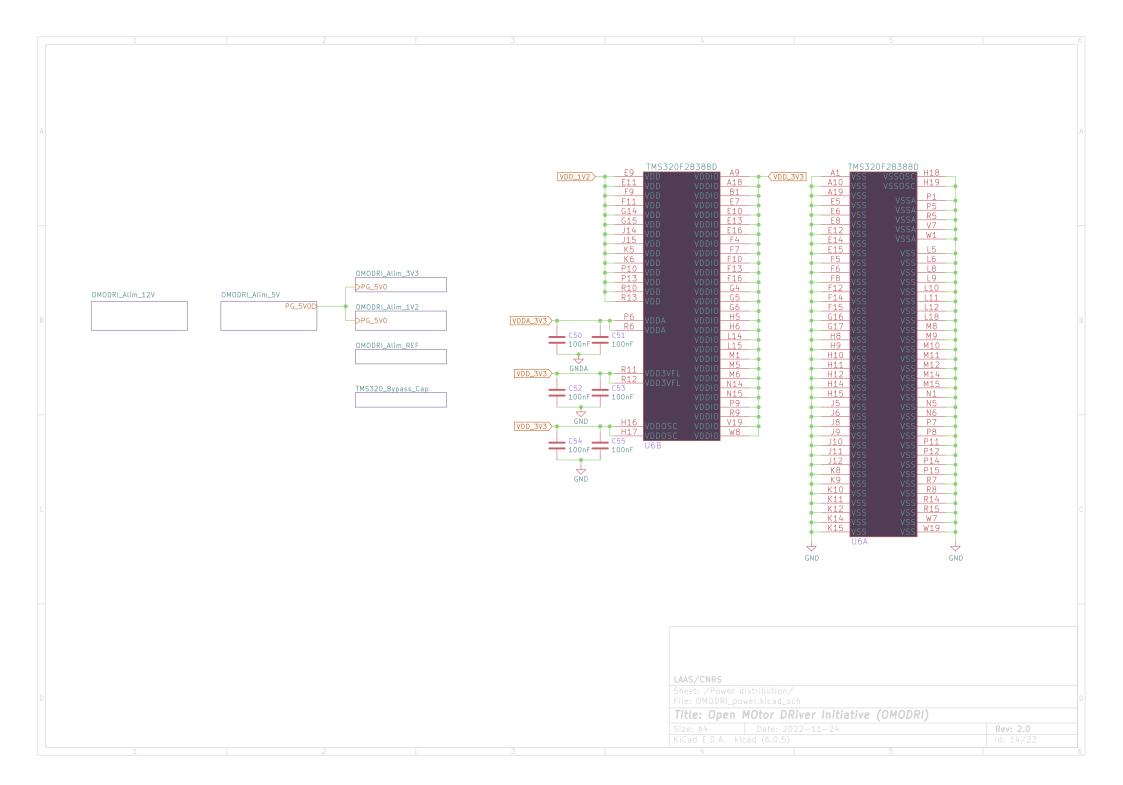


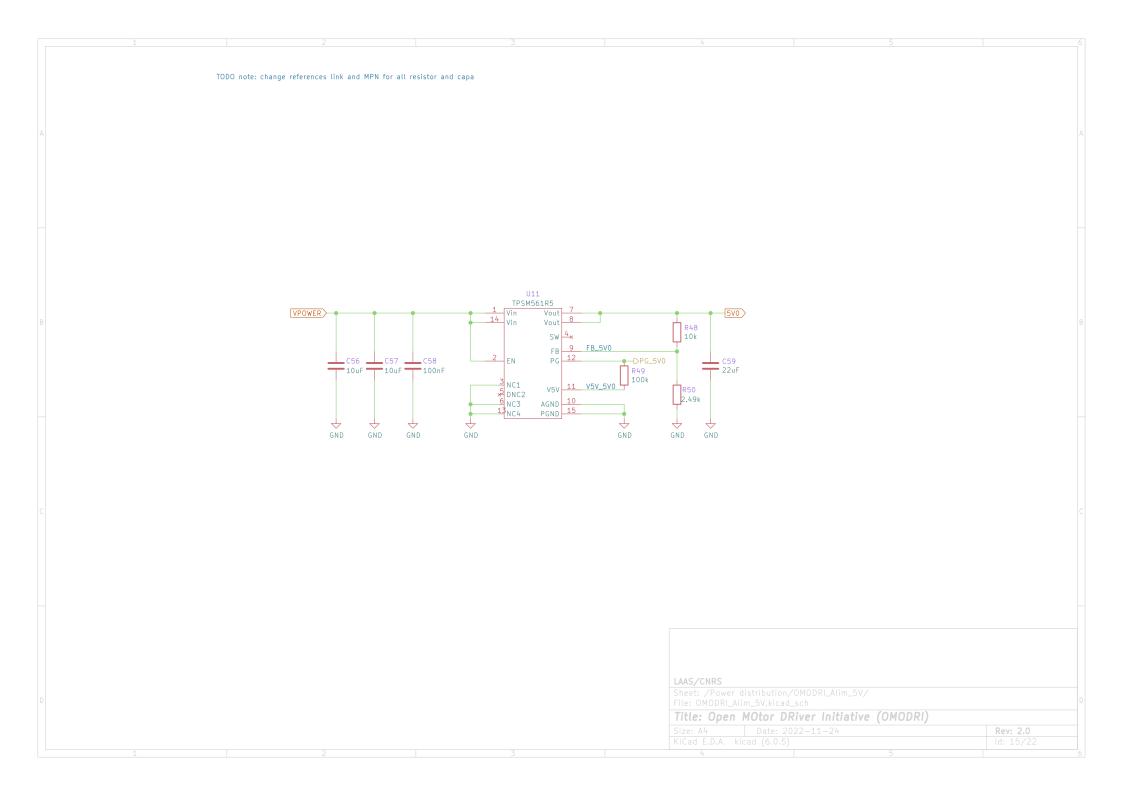


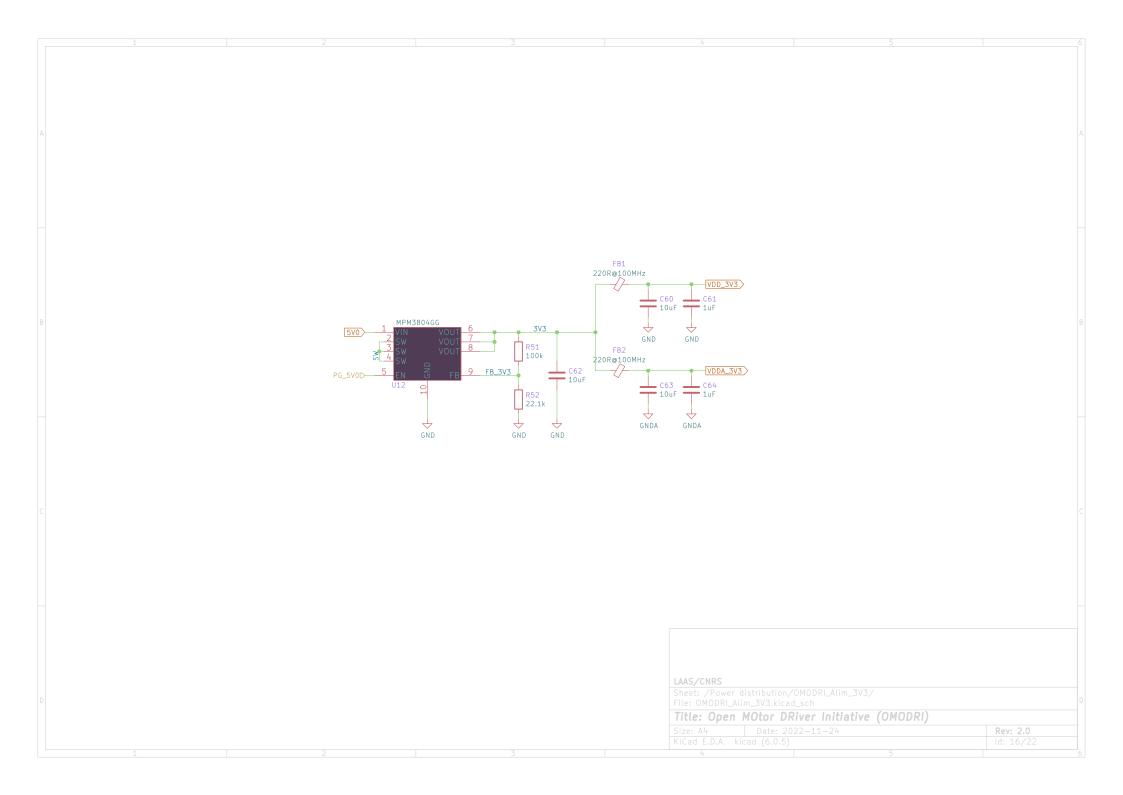


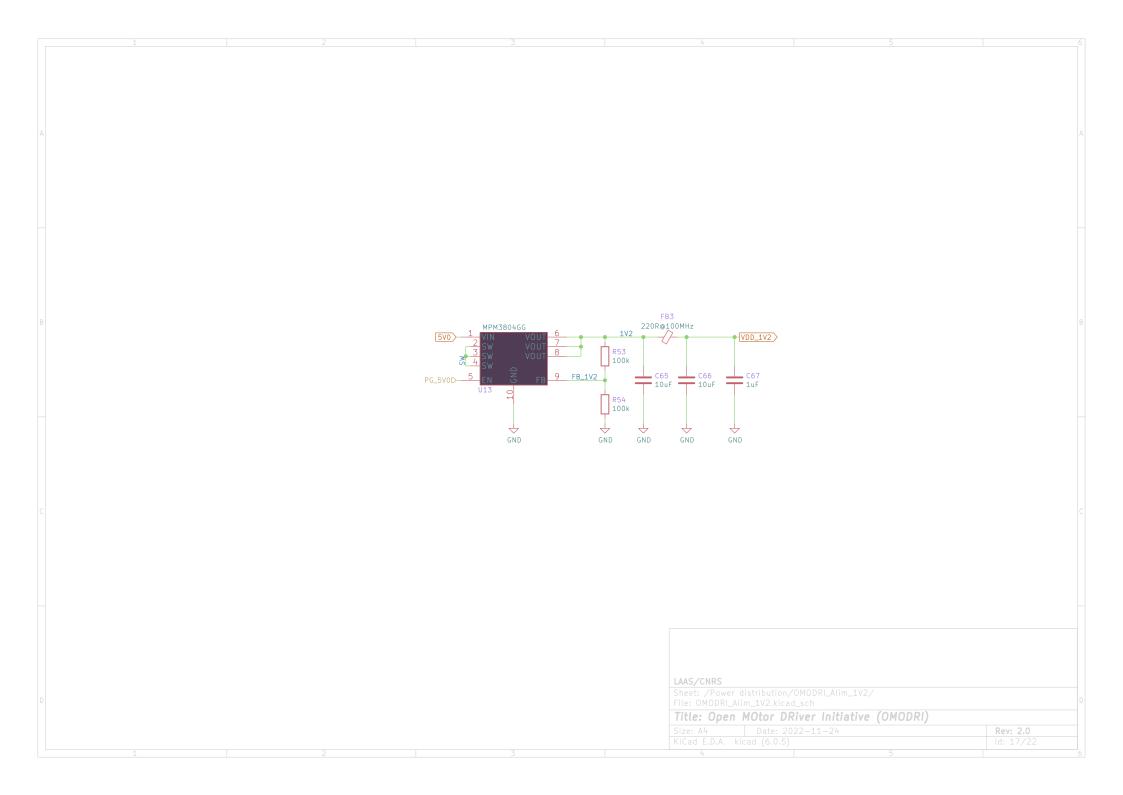


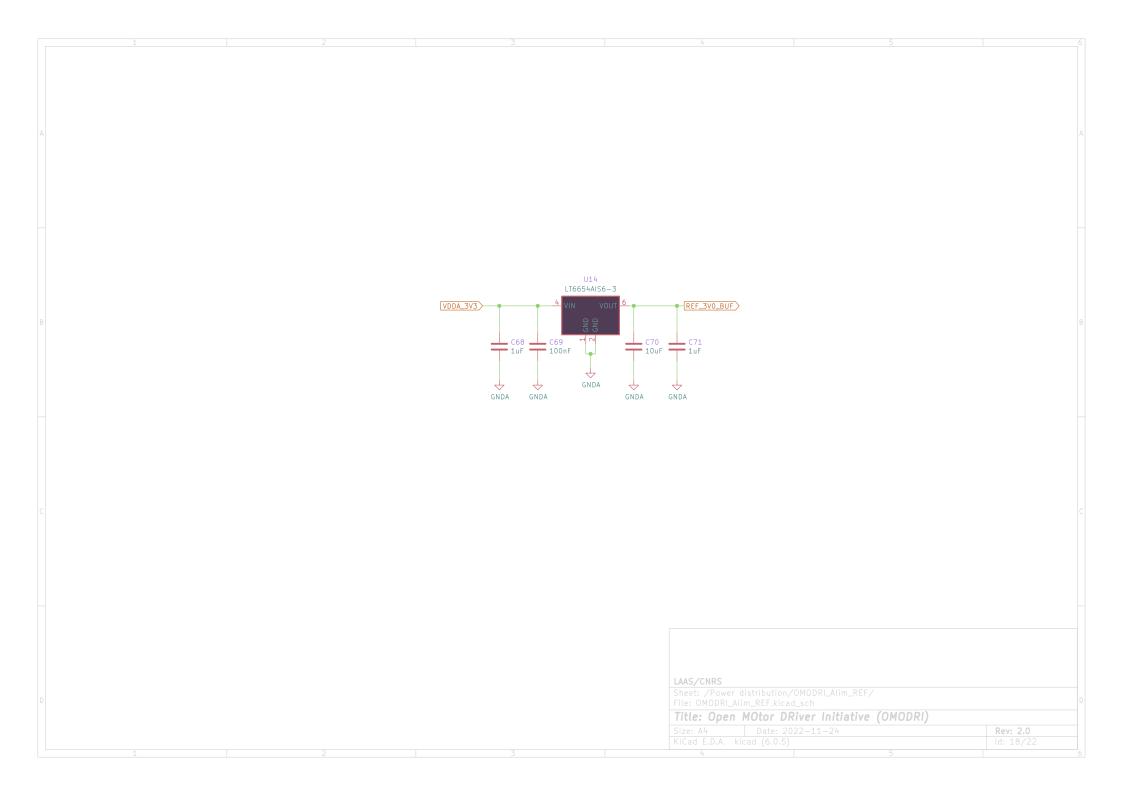


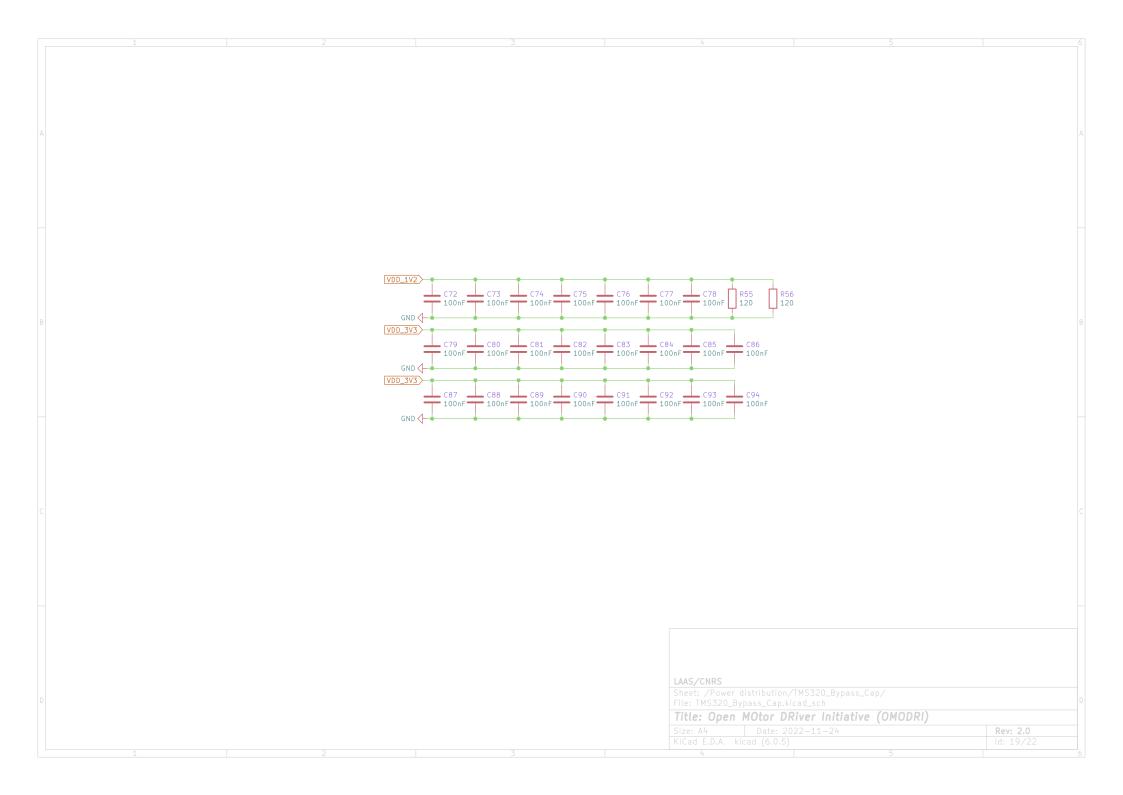












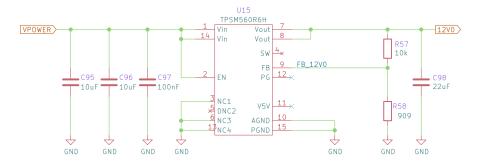
```
TODO note:

U9.4 : SW - Switch node. Do not place any external component on this pin or connect this pin to any signal.
U9.5 : DNC - Do not connect. Do not connect this pin to ground, to another pin, or to any other voltage. This pin is connected to the internal bootstrap capacitor. This pin must be soldered to an isolated pad.
U9.3, U9.6, U9.13 : NC - these pins to the PGND plane can help enhance shielding and thermal performance.
U9.12 : PGOOD - If not used, this pin can be left open or connected to PGND.

R66 = 10kohm (recommended)
R67 = 909ohm (R67 = R66 / (Vout - 1))

Cin > 9.4uF
C24 + C70 + C31 = (10uF + 10uF + 100nF) rated @ 75V.

Cout > 15uF (according figure 7-2 in datasheet SLVSG72 / TPSM560R6H)
C88 = 22uF/25V
```



LAAS/CNRS	
Sheet: /Power distribution/OMODRI_Alim_12V/	
File: OMODRI_Alim_12V.kicad_sch	
Title: Open MOtor DRiver Initiative (OMODRI)	
Size: A4 Date: 2022-11-24	Rev: 2.0
KiCad E.D.A. kicad (6.0.5)	ld: 20/22

