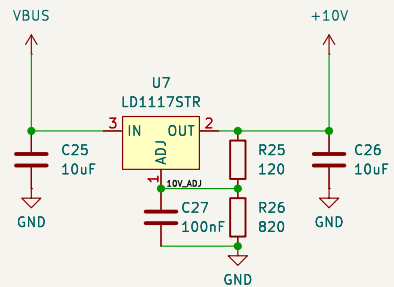
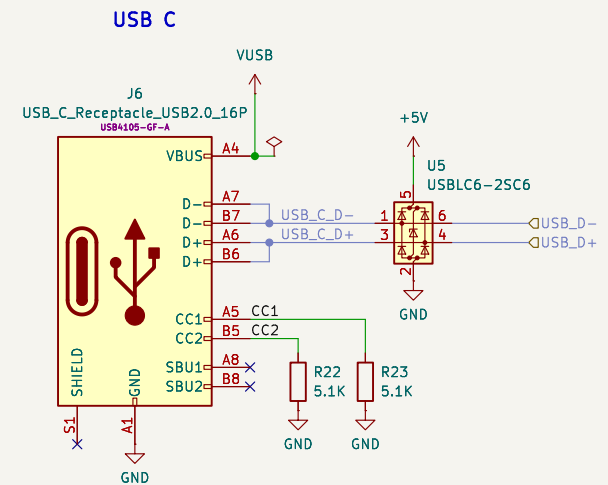
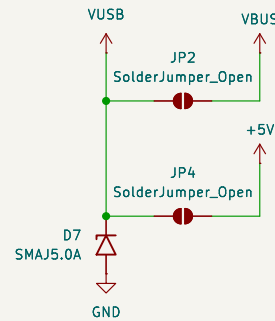
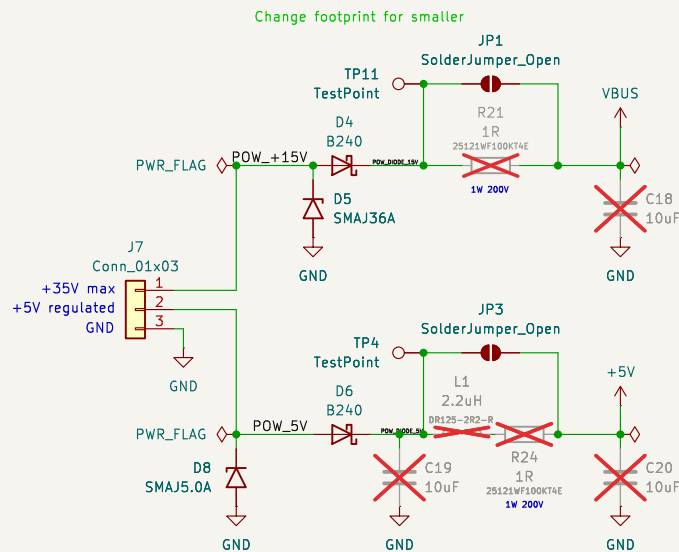


Sheet: /DAC_AMP/	
File: DAC_AMP.kicad_sch	
<b>Title: Tesla sextant BT DAC</b>	
Size: A4	Date: 2026-02-10
KiCad E.D.A. 9.0.7	Rev: 2.3
	Id: 2/4

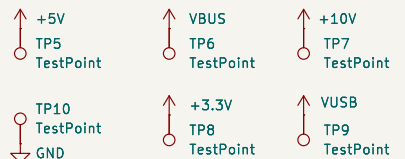
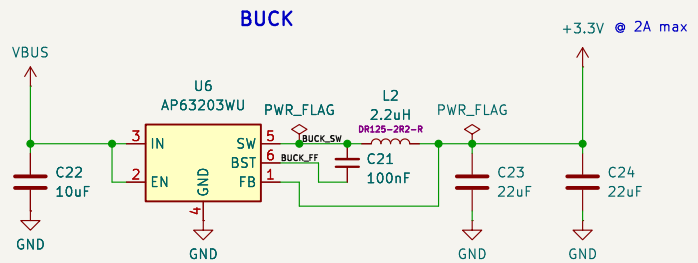


$$U_{out} = \sim 10V$$

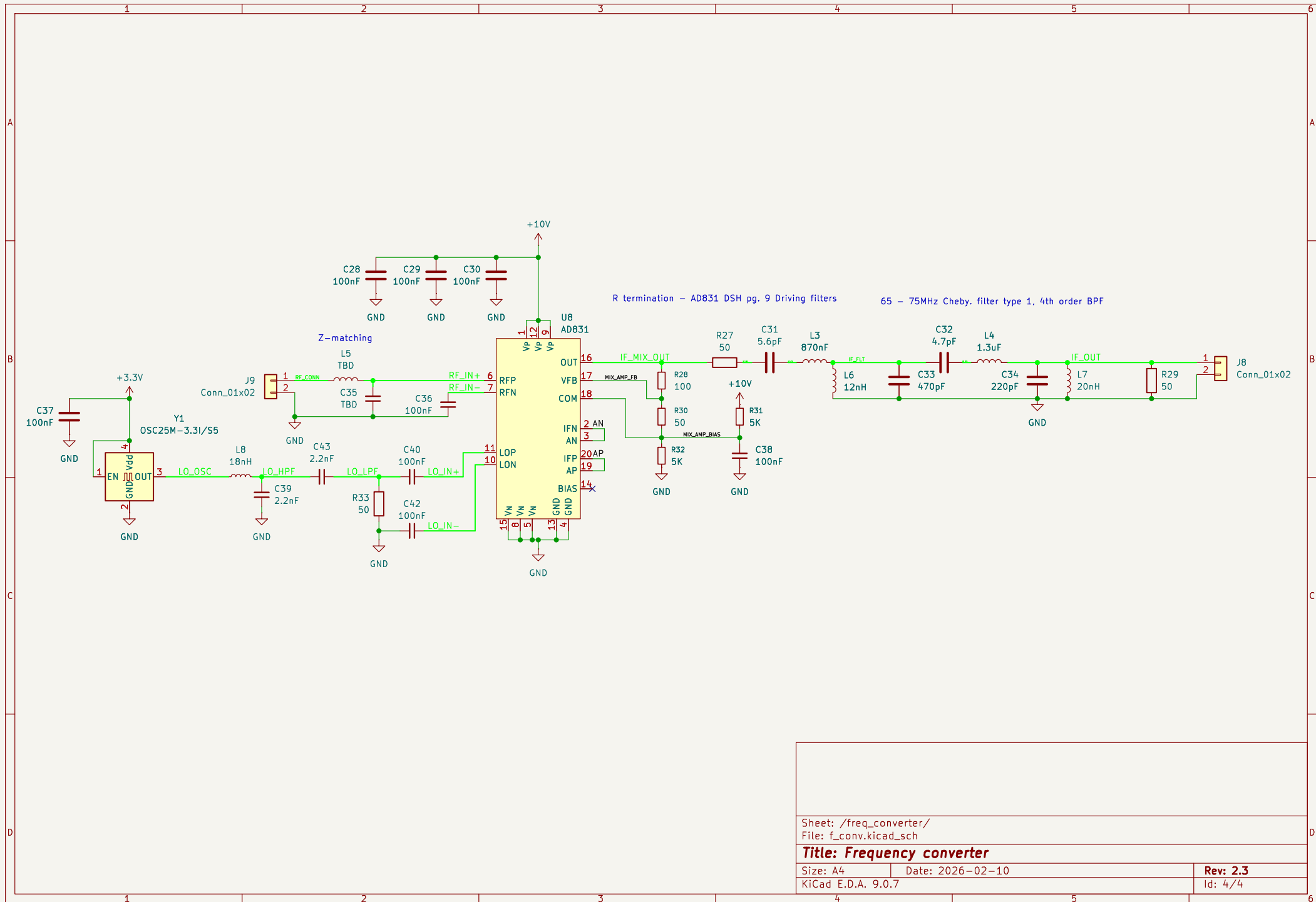
$$U_{out} = 1.25 * (1 + (R2/R1))$$

$$10 = 1.25 * (1 + (R2/120))$$

$$R2 = 840 \Rightarrow 820$$



Sheet: /POWER+USB/	
File: POWER.kicad_sch	
<b>Title: Tesla sextant BT POWER</b>	
Size: A4	Date: 2026-02-10
KiCad E.D.A. 9.0.7	Rev: 2.3
	Id: 3/4



Sheet: /freq\_converter/  
File: f\_conv.kicad\_sch

# **Title: Frequency converter**

Size: A4 Date: 2026-02-10  
KiCad E.D.A. 9.0.7

**Rev: 2.3**  
Id: 4/4