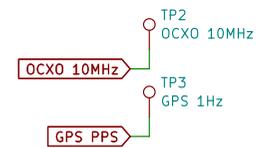
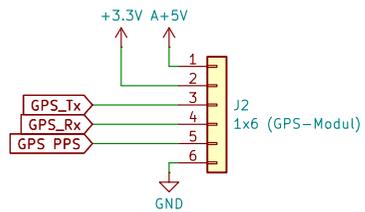
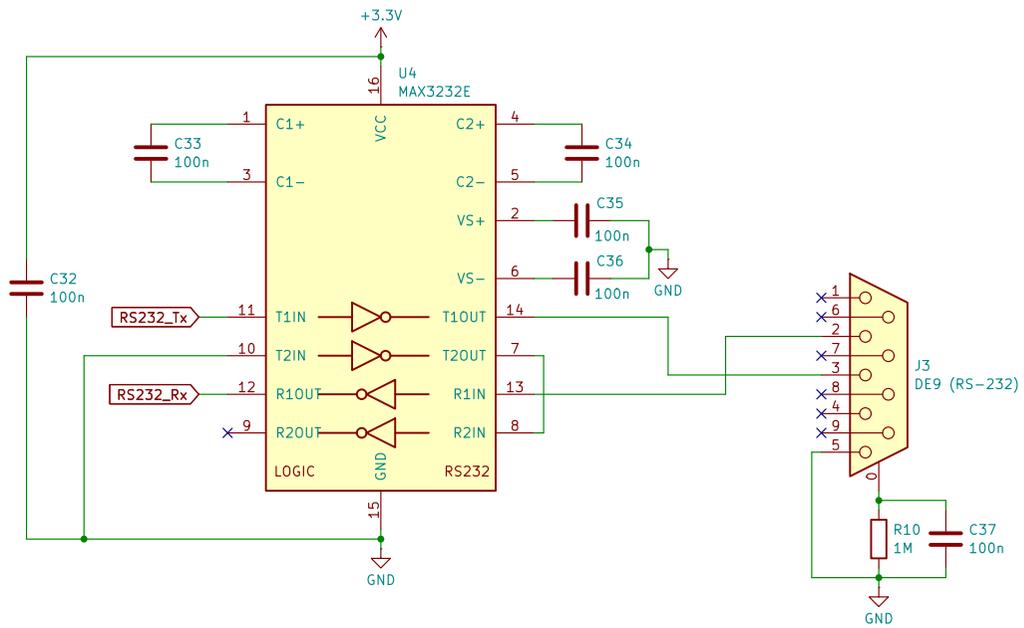
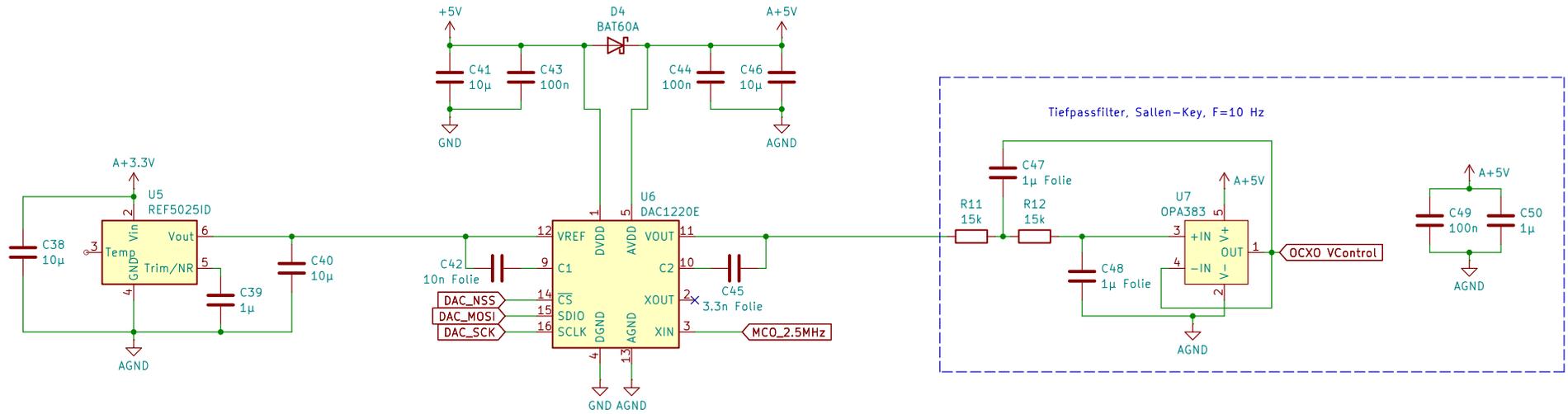
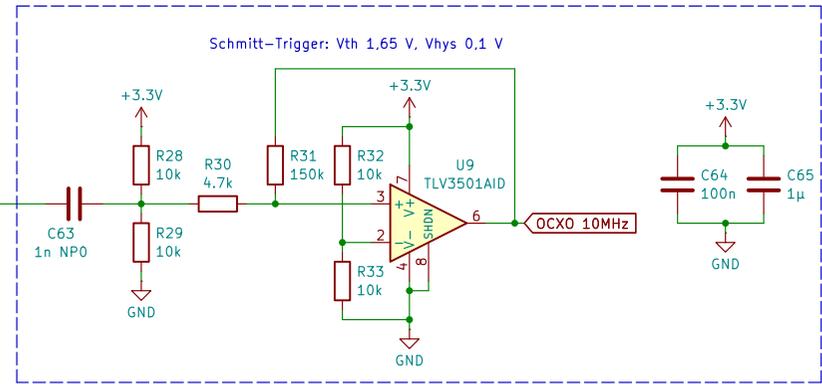
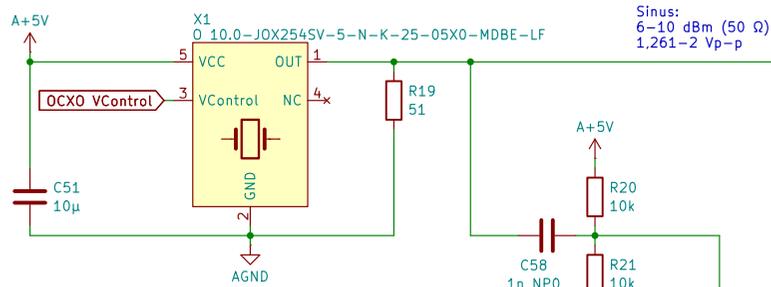


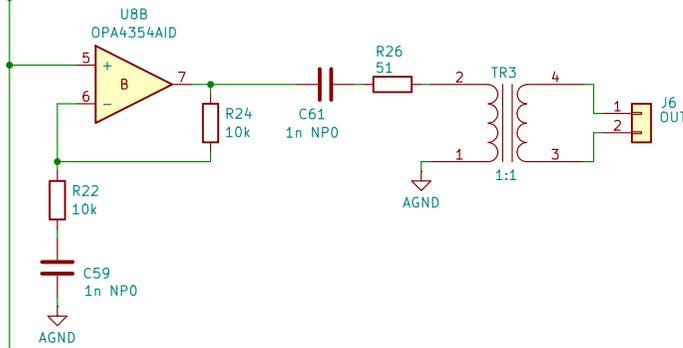
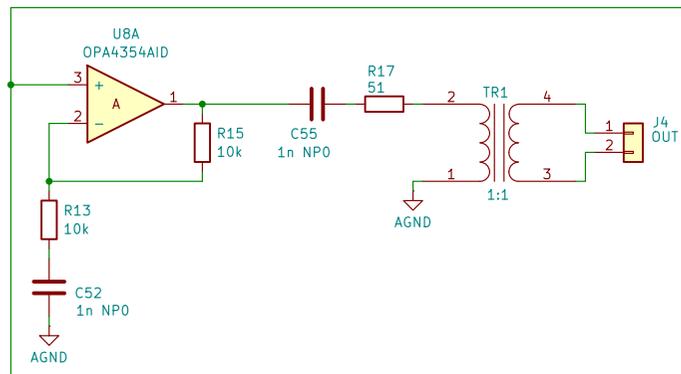
JTAG—interface (Standard 2*10 2.54 mm—pitch connector)



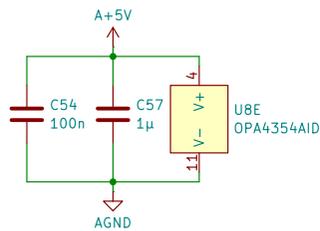
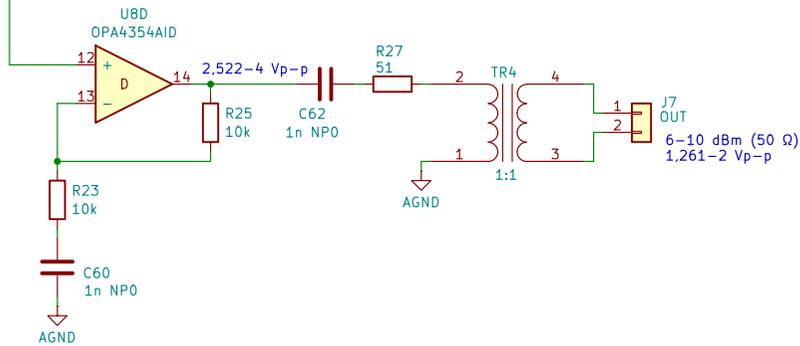
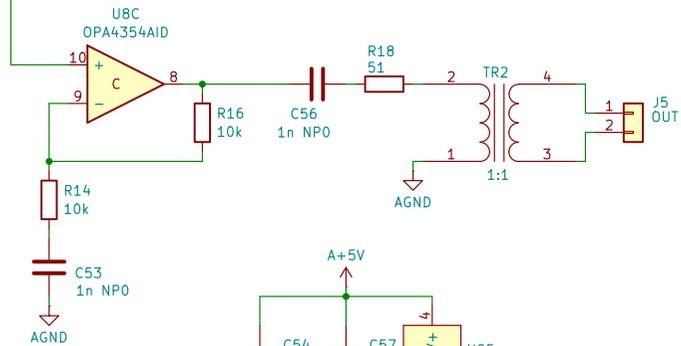


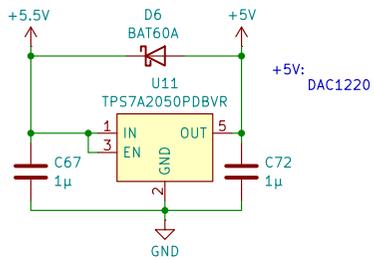
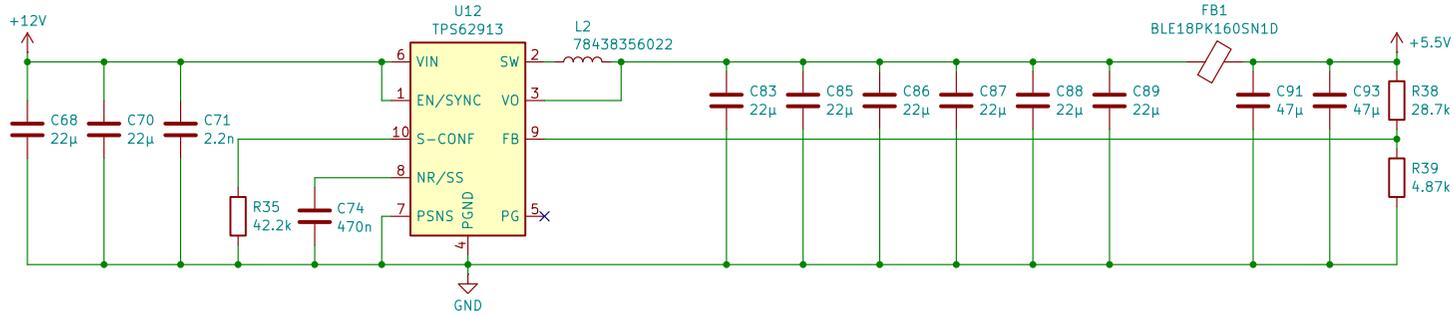
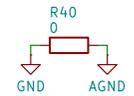
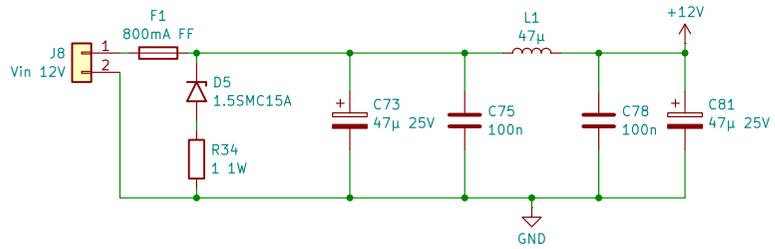


Nichtinvertierender Verstärker (OPA4354): DC-Verstärkung = 1, AC-Verstärkung = 2

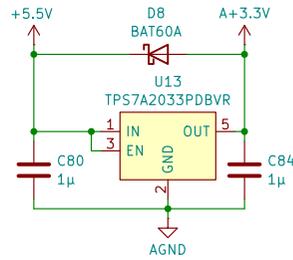


Übertrager (1:1):
Kern = FT37-43, AL ≈ 350 nH/Wdg2
Windungen = 10
Induktivität = 35 µH
Blindwiderstand = 2,2 kΩ

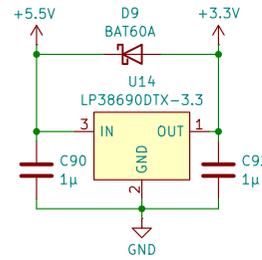




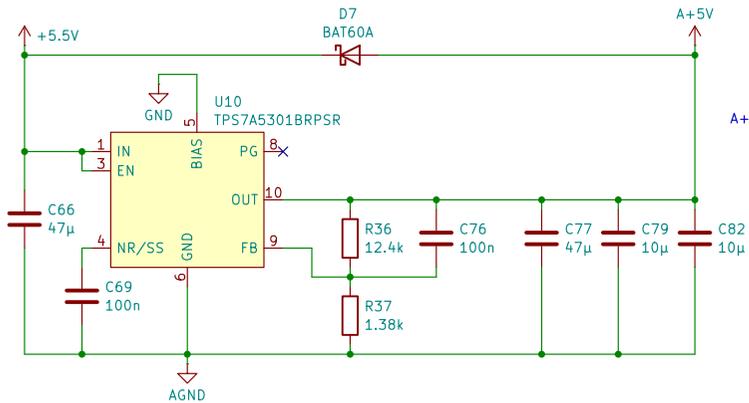
+5V:
DAC1220



A+3.3V:
STM32H753VIT6
AS6501
REF5025ID



+3.3V: $(5.5 - 3.3)V * (0.3 + 0.08 + 0.01 + 0.005)A * 50.5^{\circ}C/W = 44K$
STM32H753VIT6 0.3A
AS6501 0.08A
MAX3232E 0.01A
TLV3501 0.005A



A+5V: $(5.5 - 5)V * (0.8 + 0.1 + 0.006 + 0.08)A * 46.5^{\circ}C/W = 23K$
OCX0: max 0.8A typ 0.4A
GPS-Antenn 0.1mA max
DAC1220 0.006A
OPA383
OPA4354 0.08A