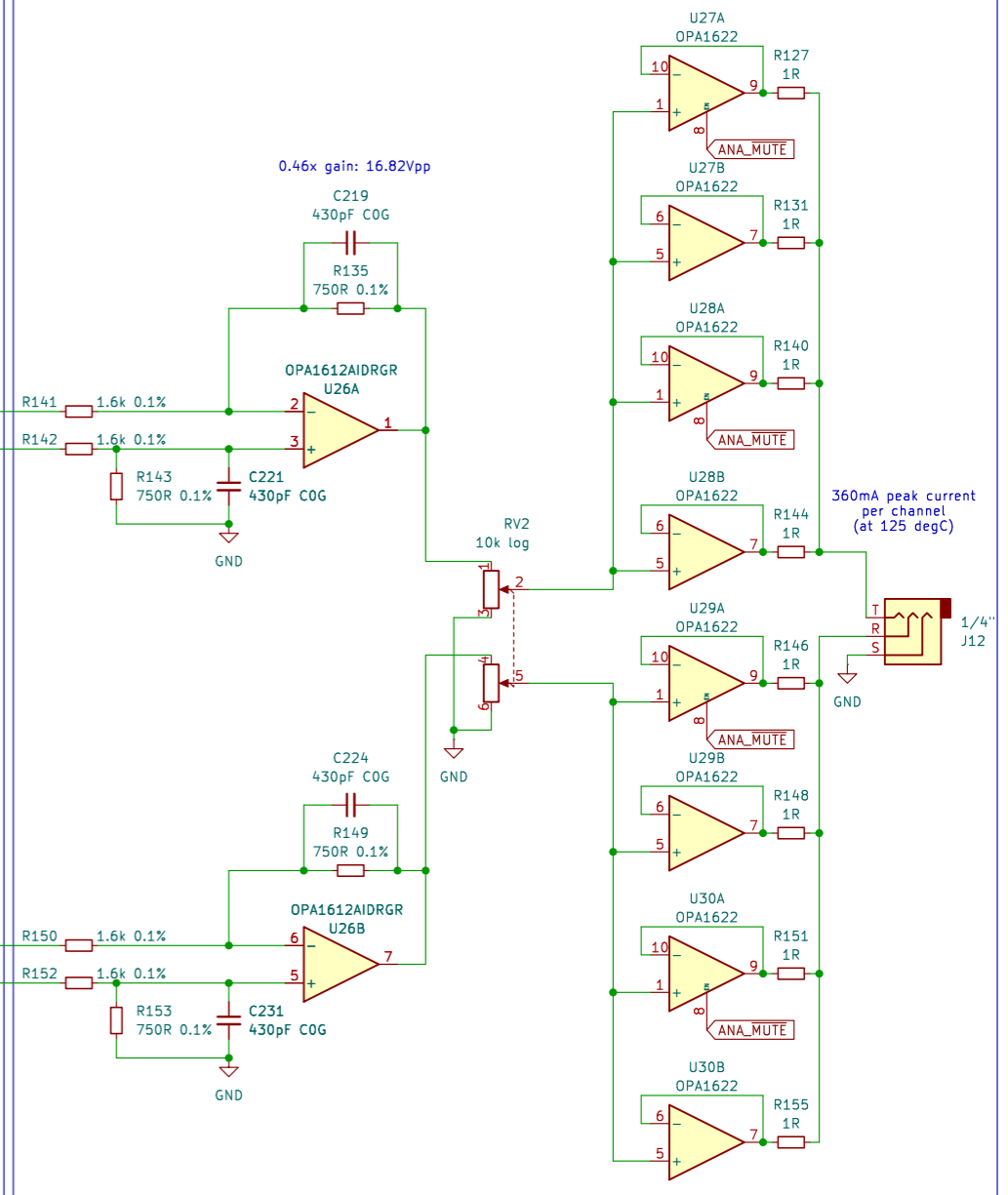
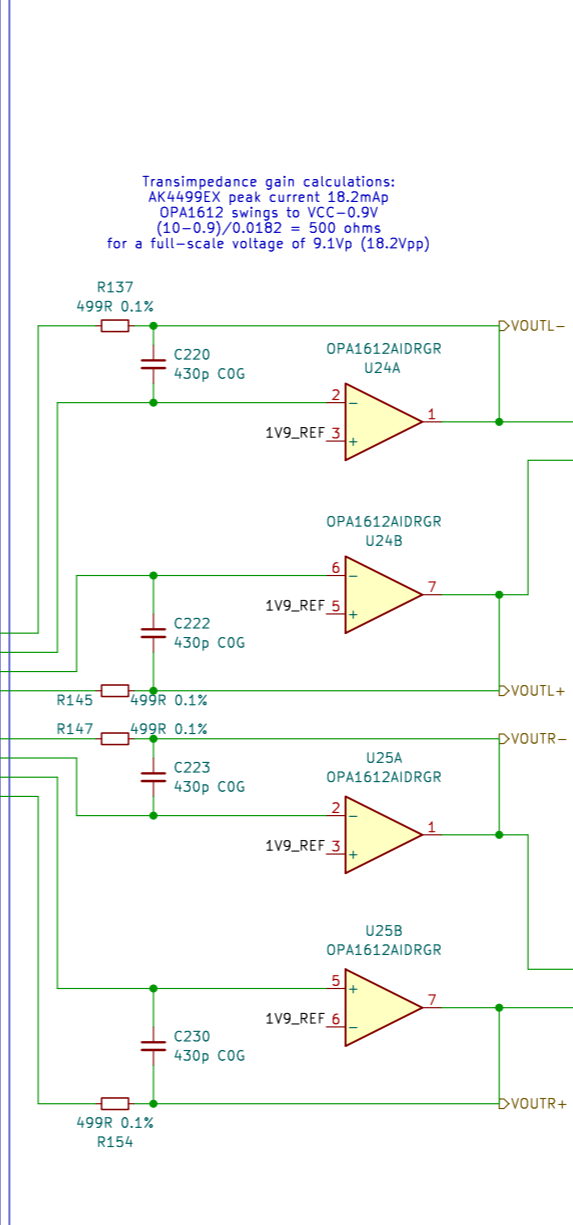
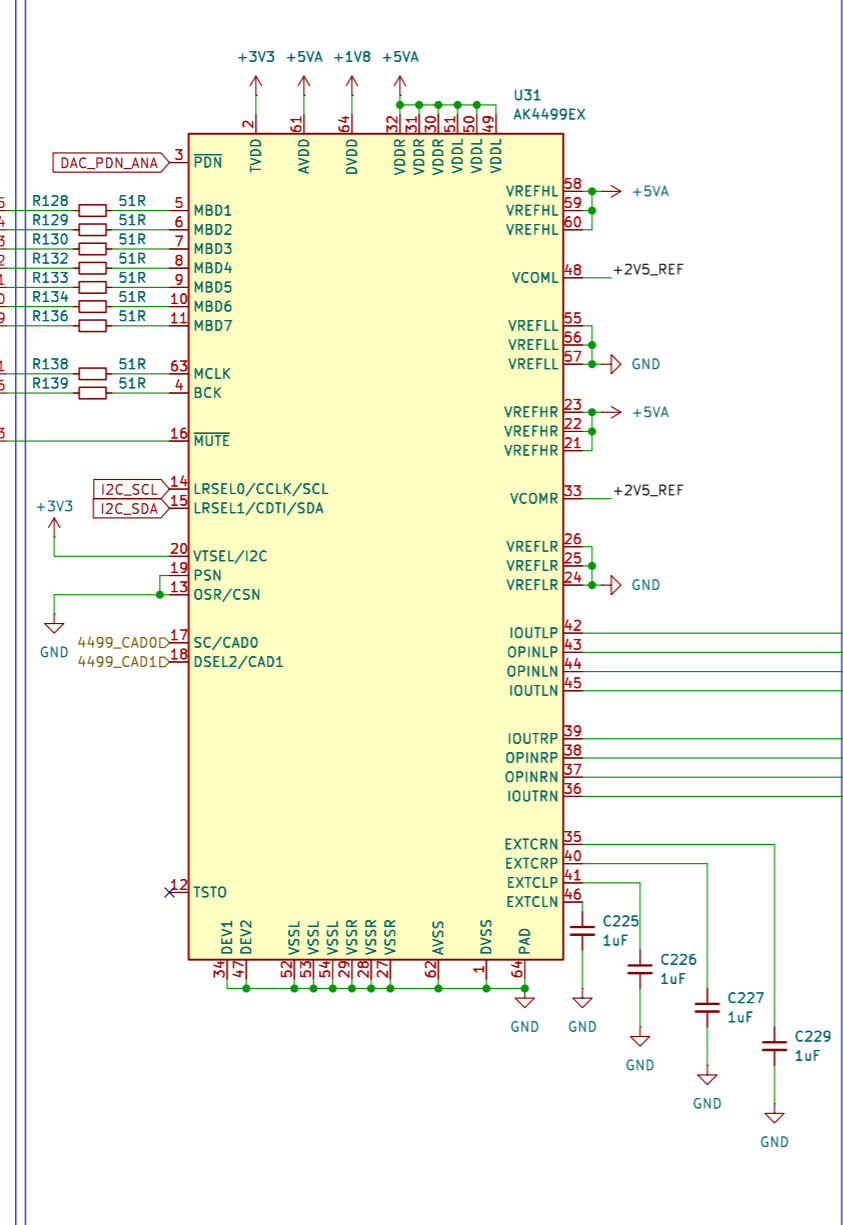
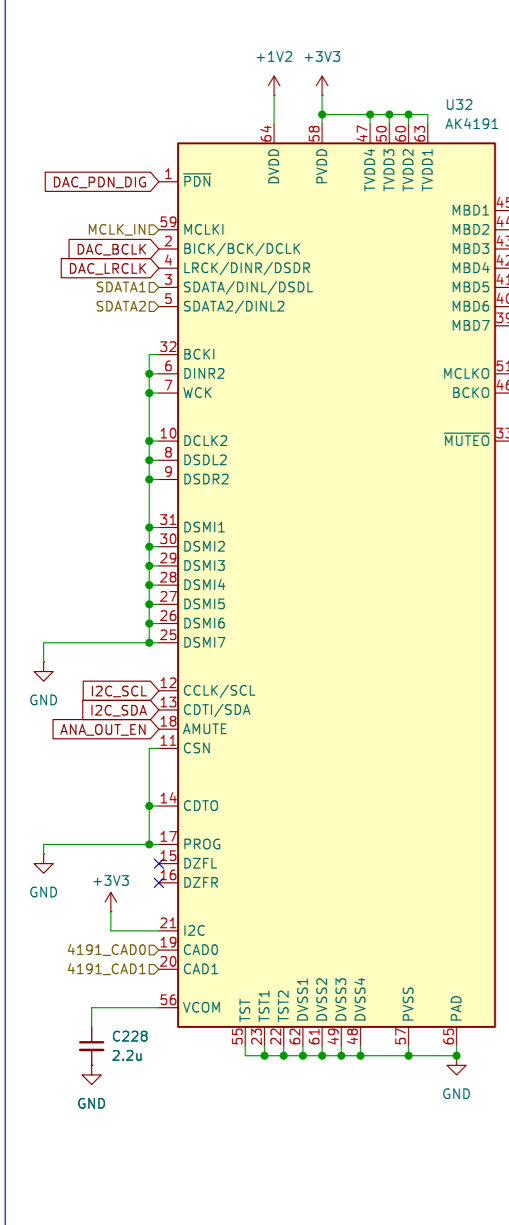


D-S CONVERTER

DAC

TRANSIMPEDANCE AMP

HEADPHONE OUT



Transimpedance gain calculations:
 AK4499EX peak current 18.2mA
 OPA1612 swings to VCC-0.9V
 (10-0.9)/0.0182 = 500 ohms
 for a full-scale voltage of 9.1Vp (18.2Vpp)

360mA peak current per channel (at 125 degC)