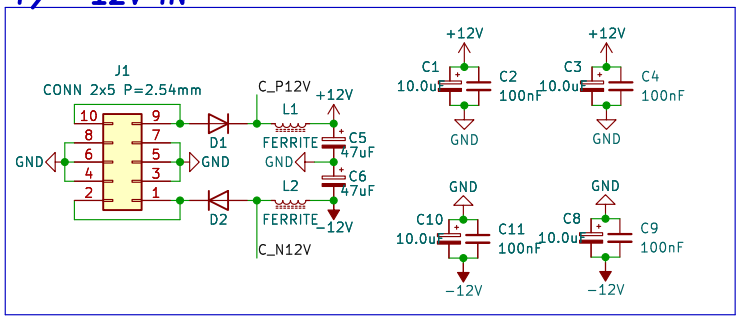
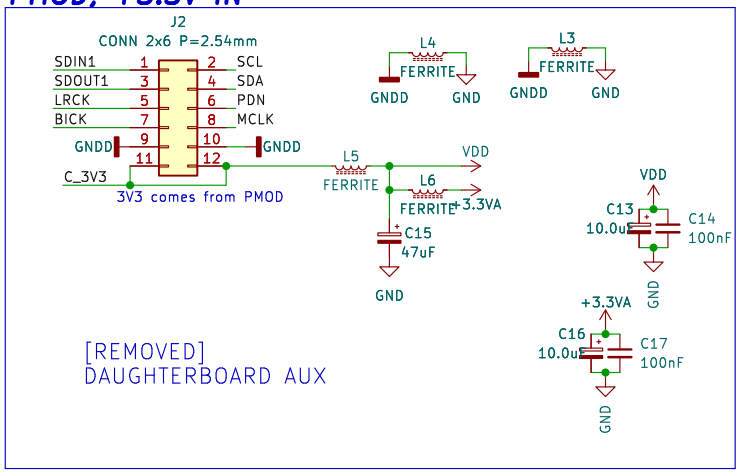
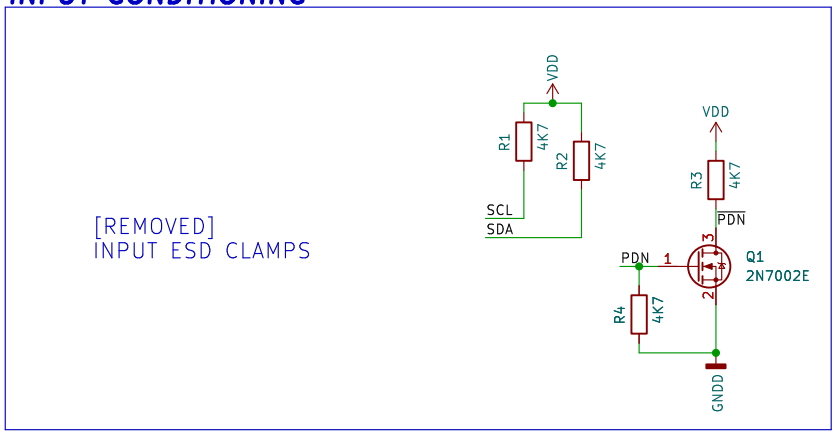
+/- 12V IN



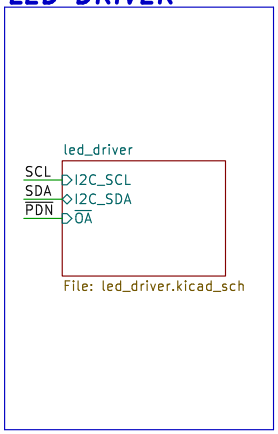
PMOD, +3.3V IN



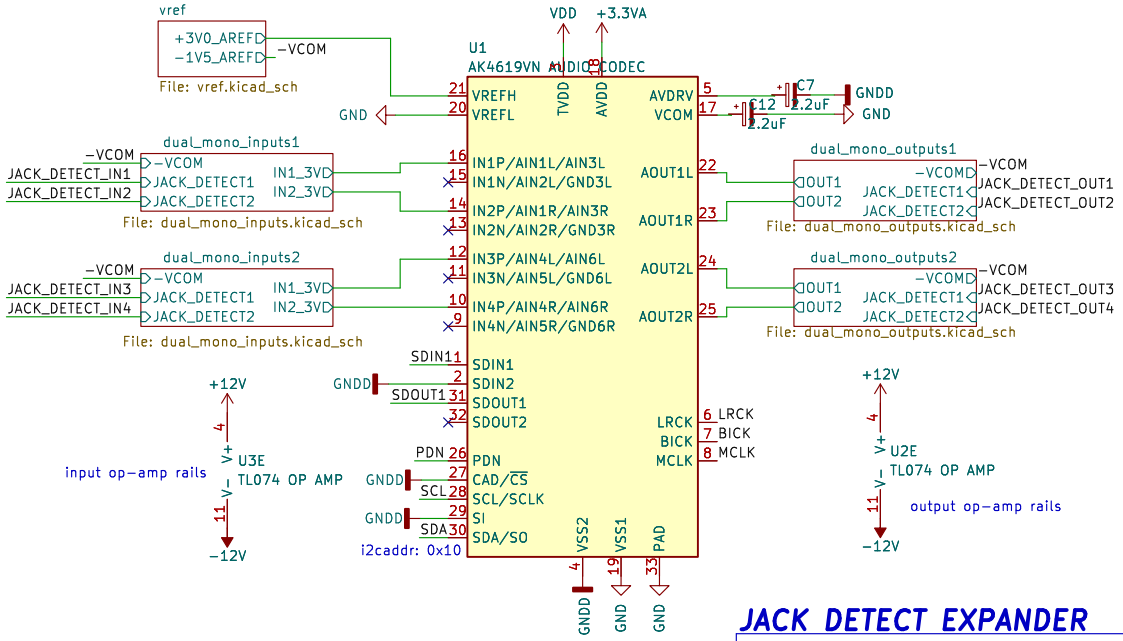
INPUT CONDITIONING



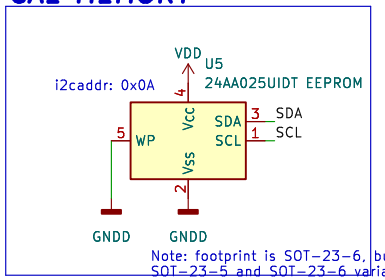
LED DRIVER



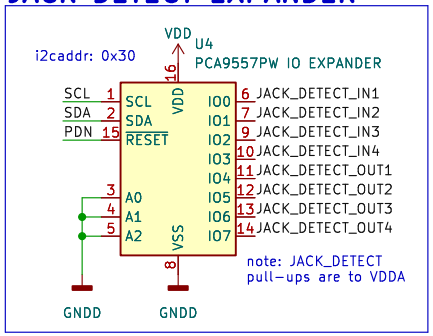
CODEC, IN+OUT



CAL MEMORY



JACK DETECT EXPANDER



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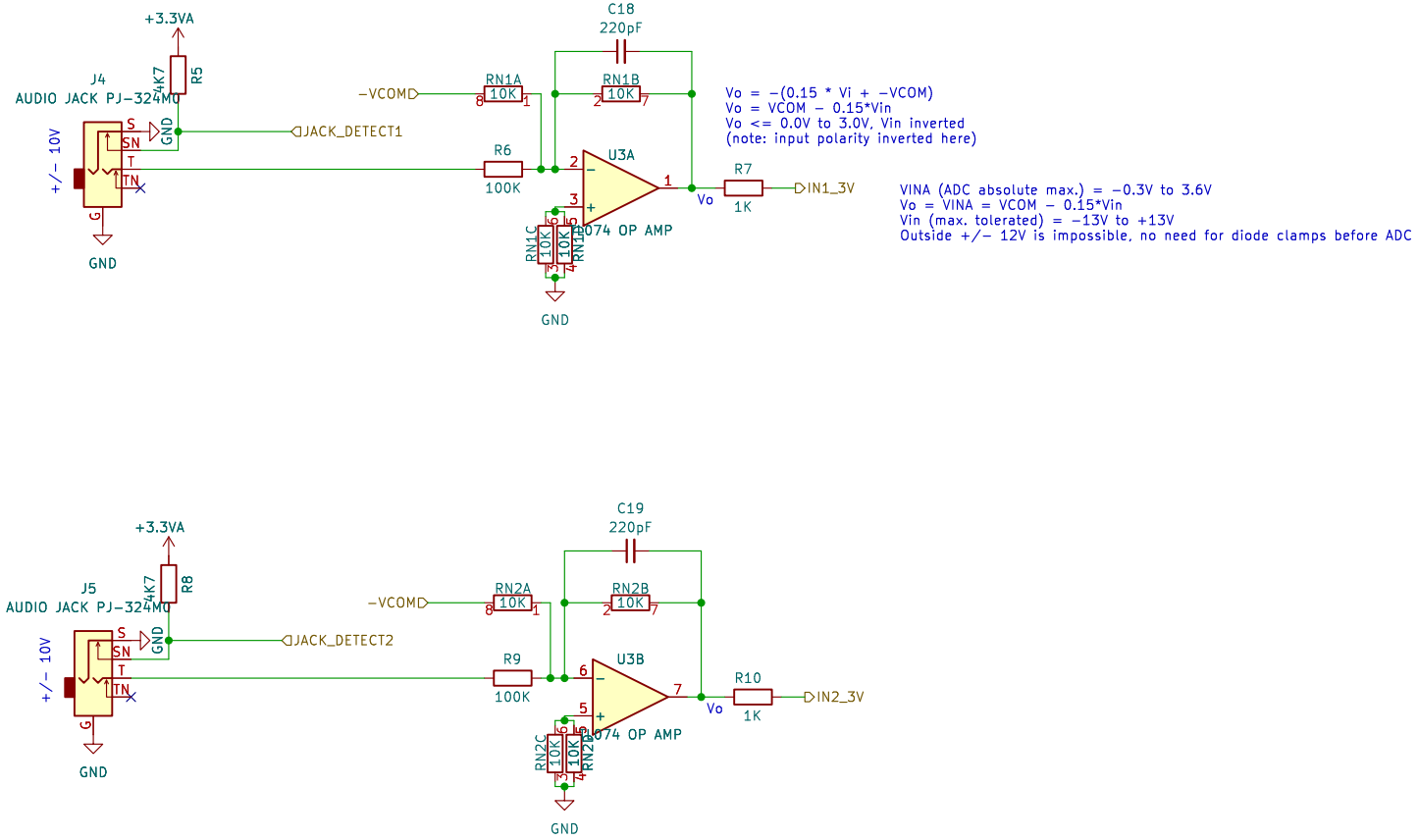

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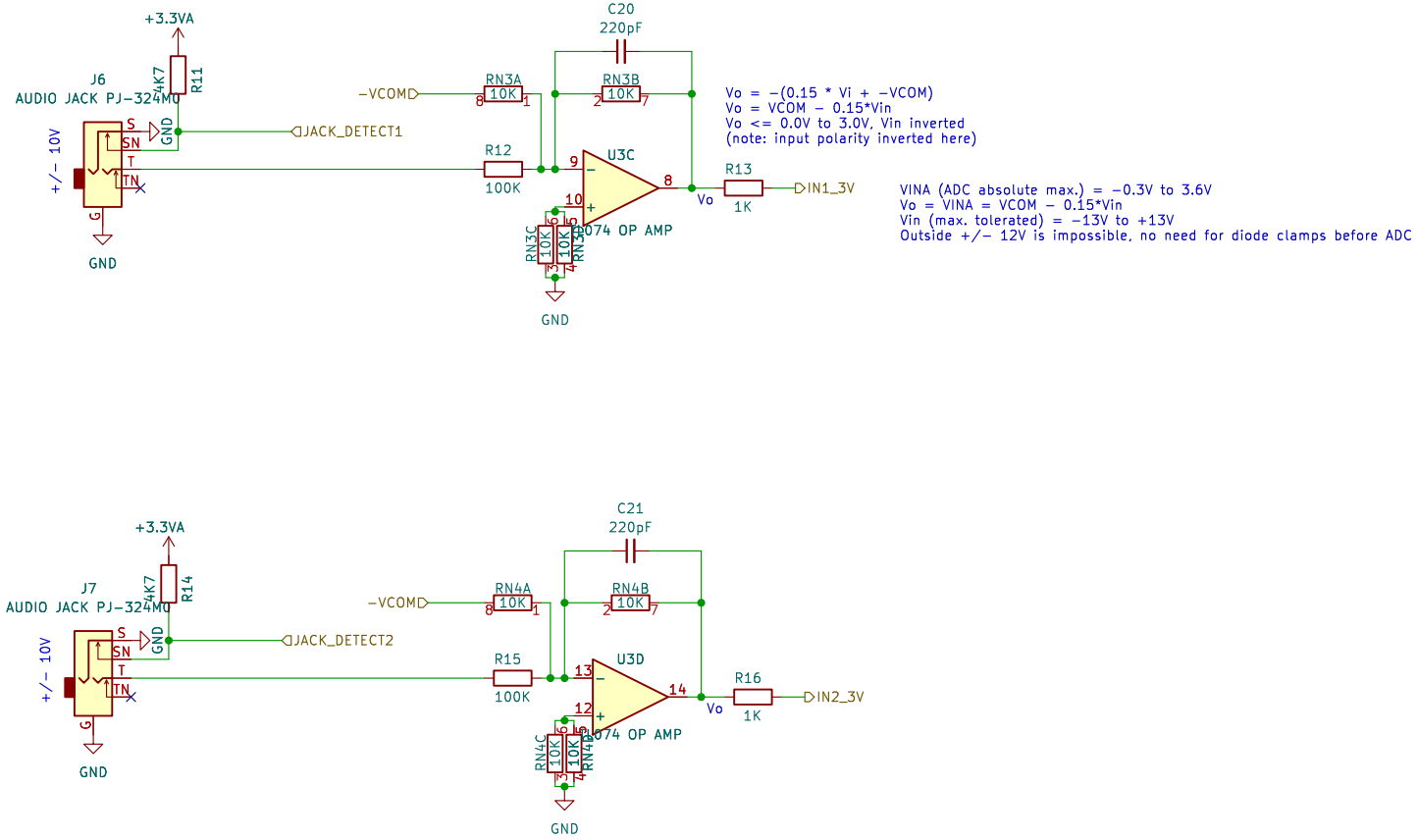

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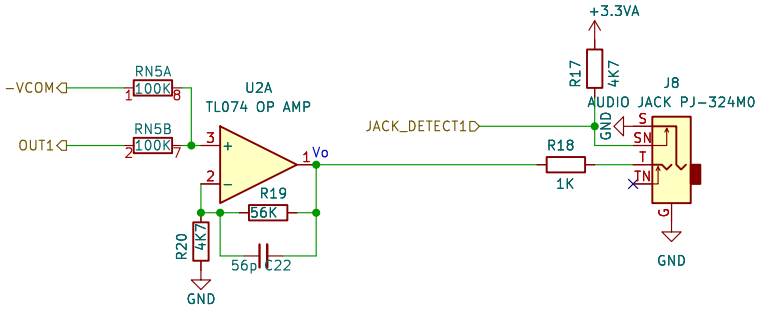
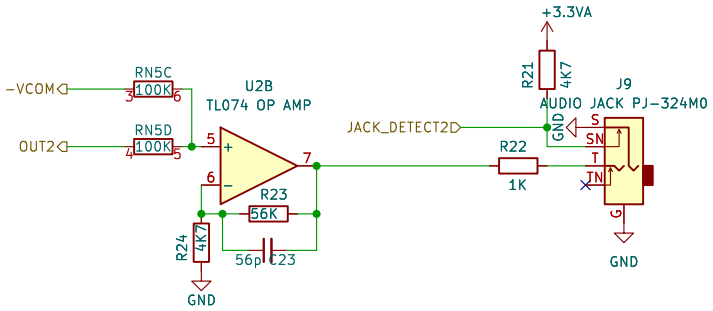
Vo = (1 + 56/4.7)(AOUT - VCOM)/2
Vo = 6.46 * (AOUT - 1.65V)
0.1V in => -10V out, 3.2V in => +10V out





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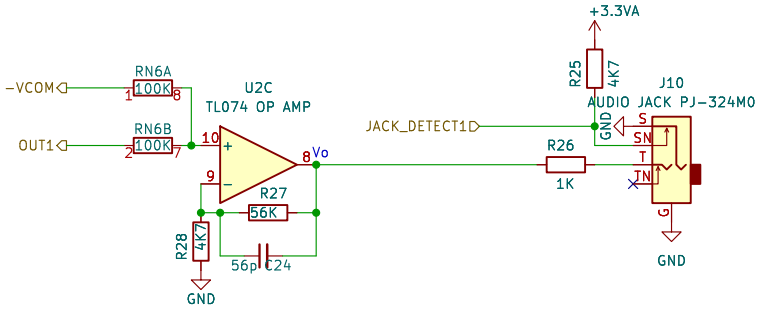
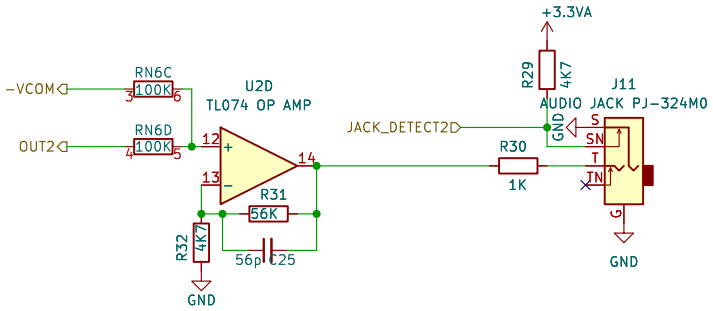
Vo = (1 + 56/4.7)(AOUT - VCOM)/2
Vo = 6.46 * (AOUT - 1.65V)
0.1V in => -10V out, 3.2V in => +10V out





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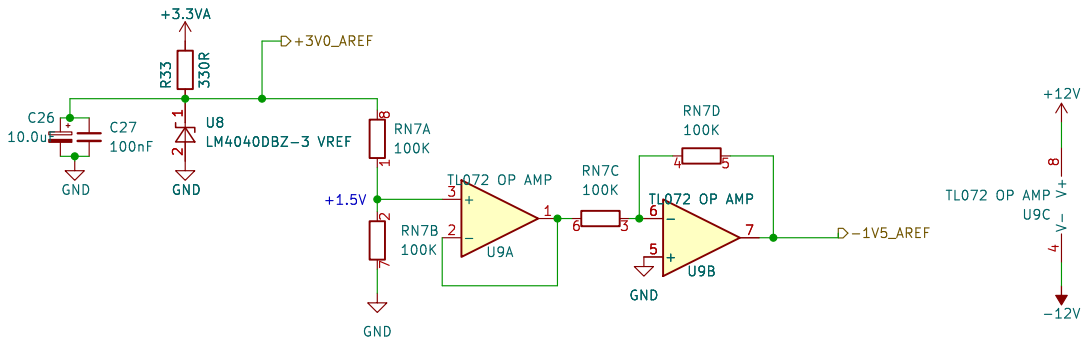

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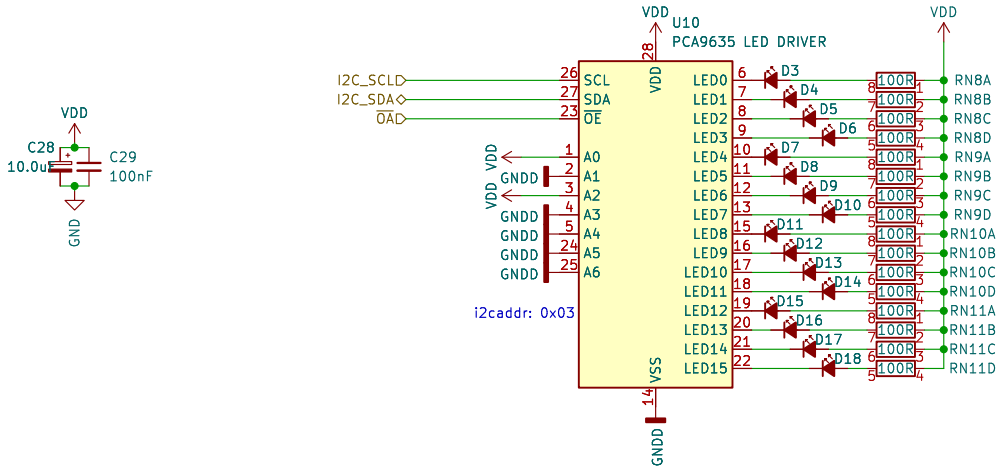

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