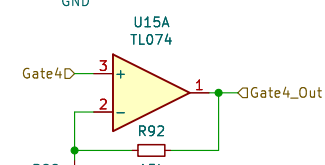
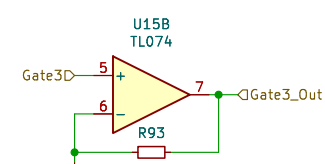
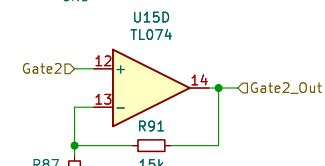
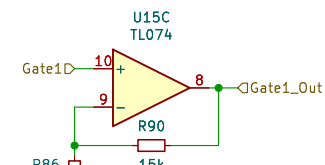
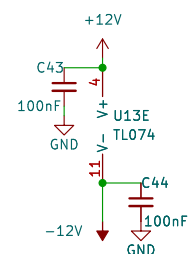
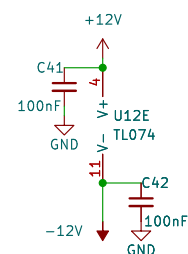
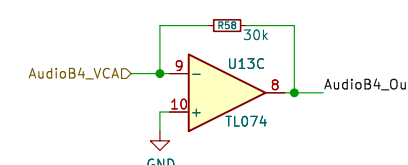
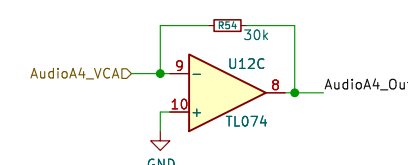
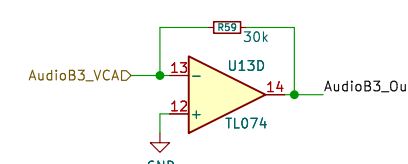
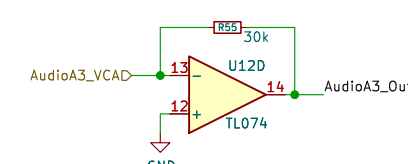
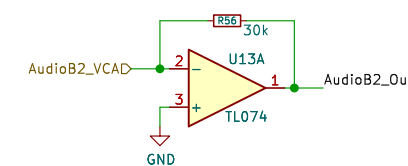
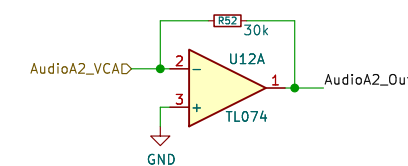
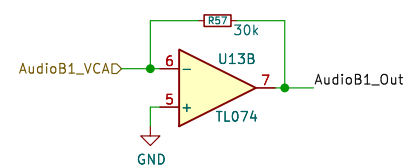
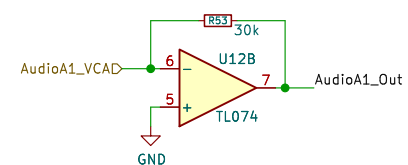
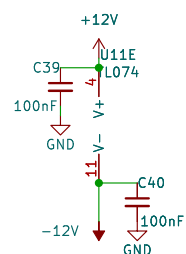
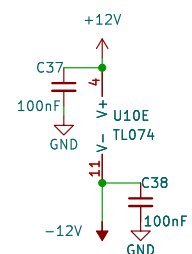
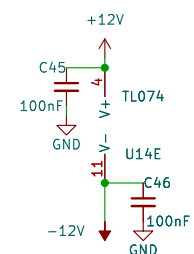
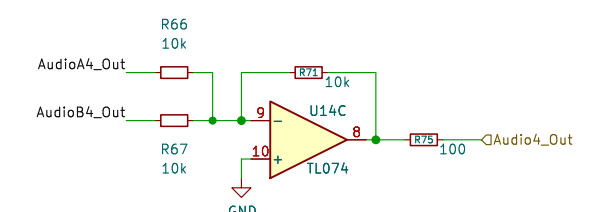
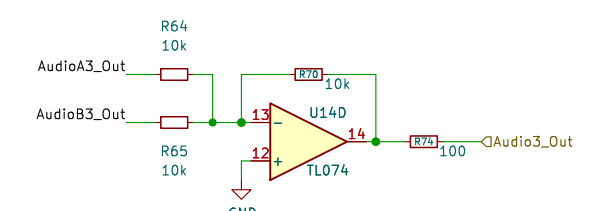
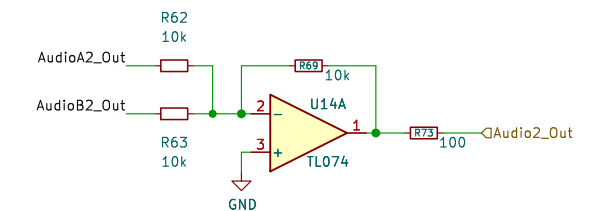
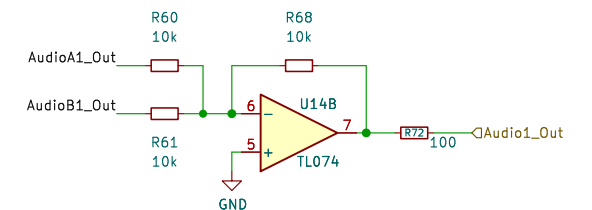
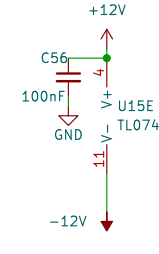


Gain = $1 + R_f/R_{in} = 1.2$ (0–6v)
Change R_{in} to 4.7k for gain = 1.42 (0–7.13v)



Gain 2.5 output 8.25v

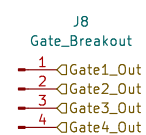
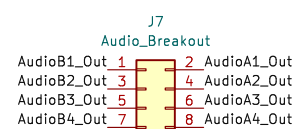


Pitch Output Scaled

Audio Buffers

Gate Level Translation

Audio Mixed Output



Signal Breakout

- Changed R36, R37, R38, R39, R44, R45, R46, R47 from 10k to 4.7k to increase output scale to 7.13v
- REduce output protection resistors from 1k to 100

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