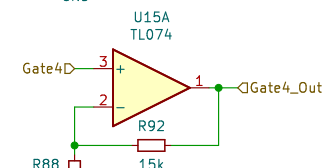
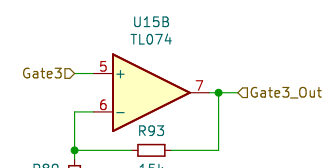
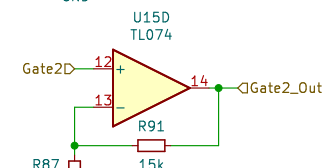
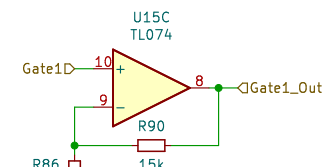
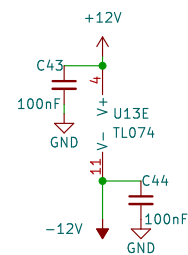
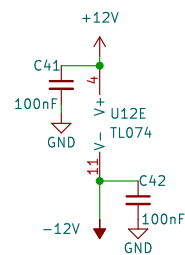
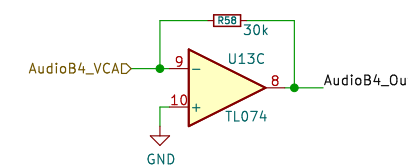
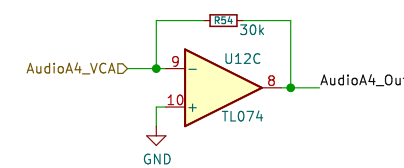
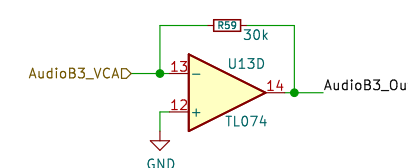
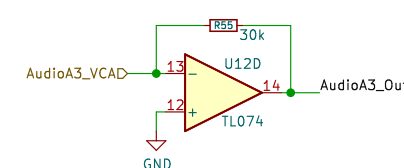
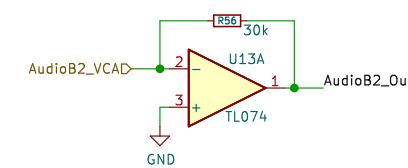
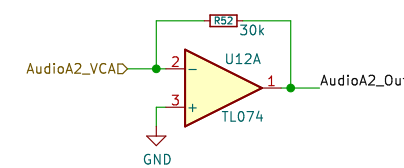
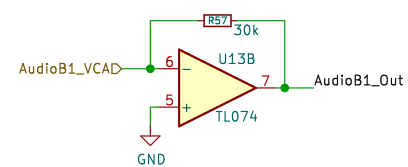
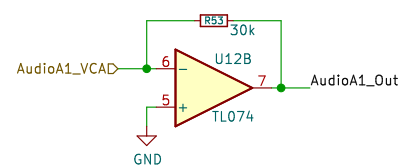
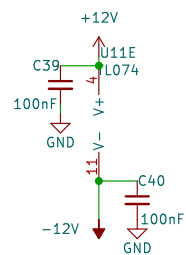
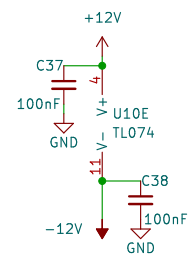
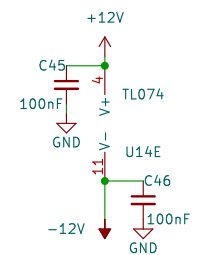
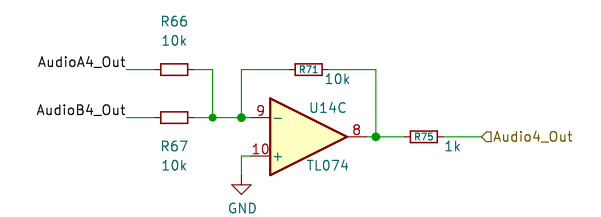
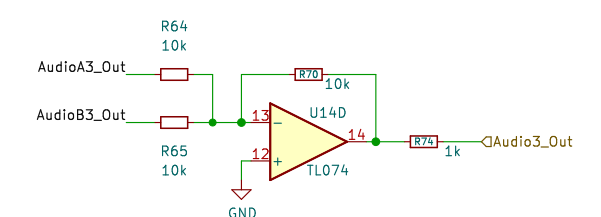
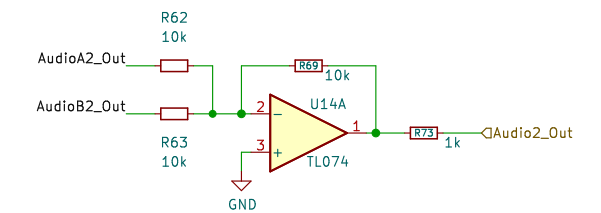
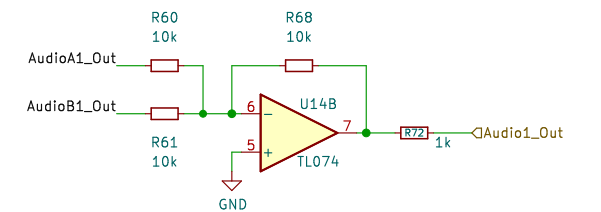
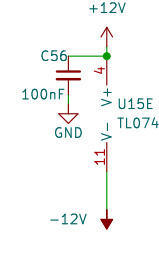


Gain = $1 + R_f/R_{in} = 1.2$ (0-6v)
Change R_{in} to 4.7k for gain = 1.42 (0-7.13v)



Gain 2.5 output 8.25v

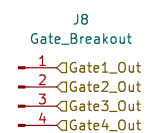
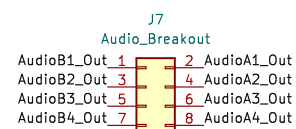


Pitch Output Scaled

Audio Buffers

Gate Level Translation

Audio Mixed Output



Changed R36, R37, R38, R39, R44, R45, R46, R47 from 10k to 4.7k to increase output scale to 7.13v

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Signal Breakout