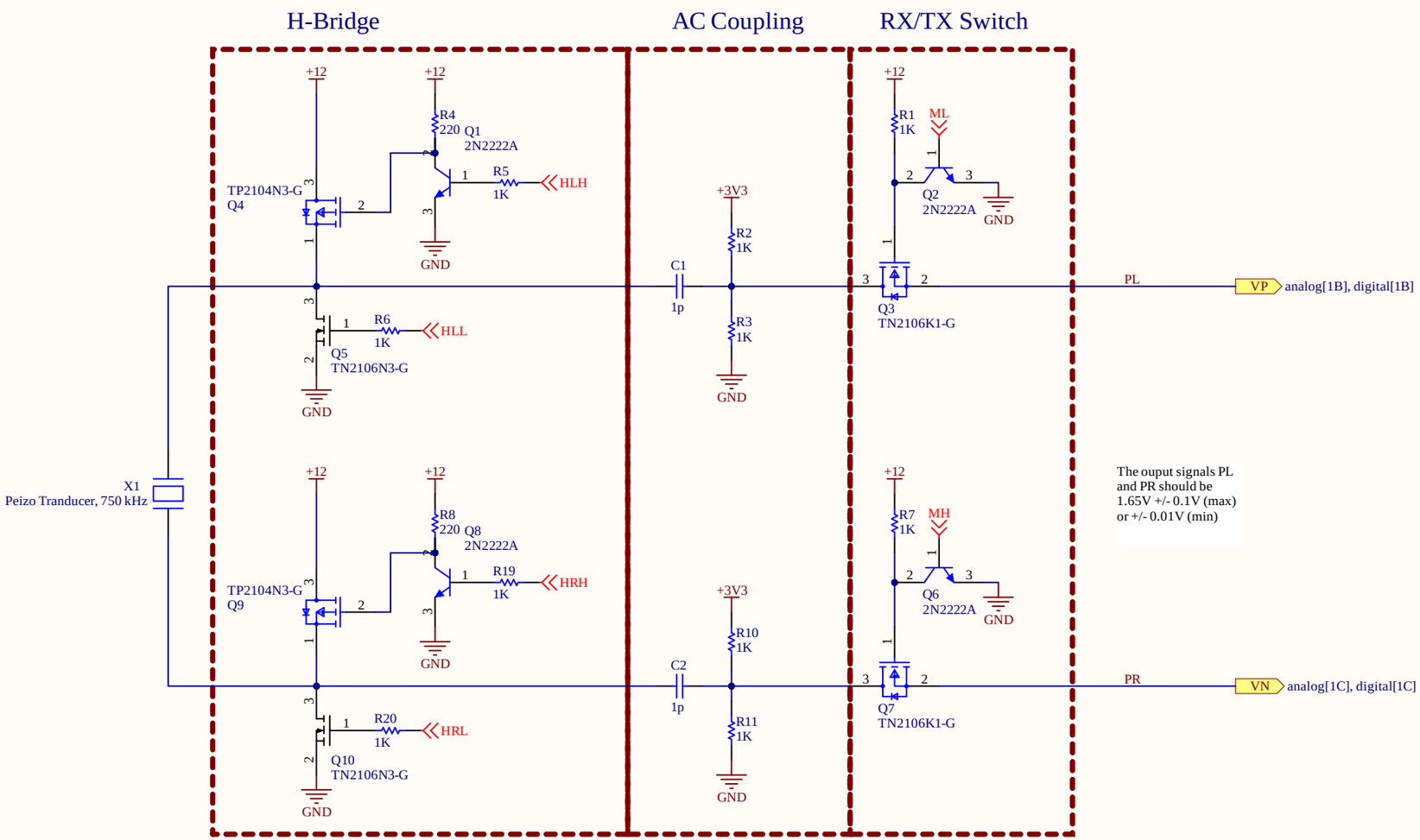

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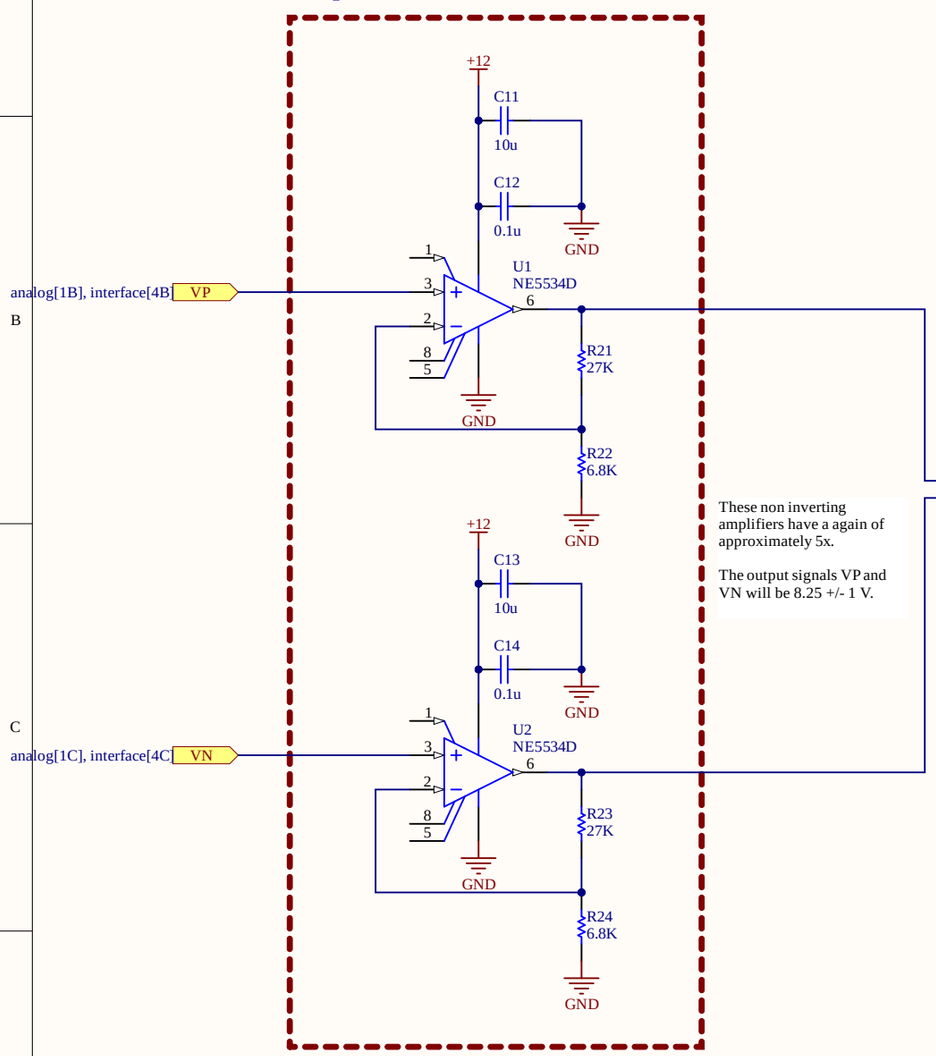
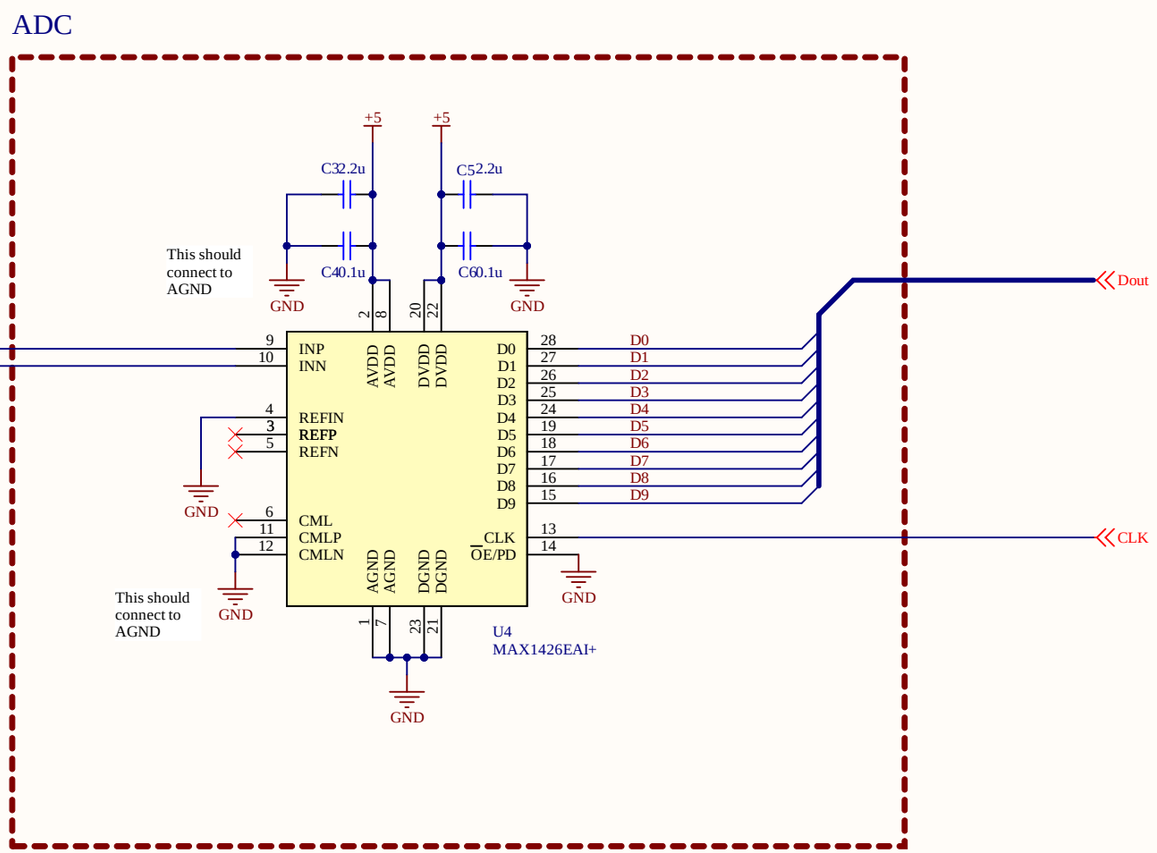
Amplification



These non inverting amplifiers have a again of approximately 5x.

The output signals VP and VN will be 8.25 +/- 1 V.

ADC



This should connect to AGND

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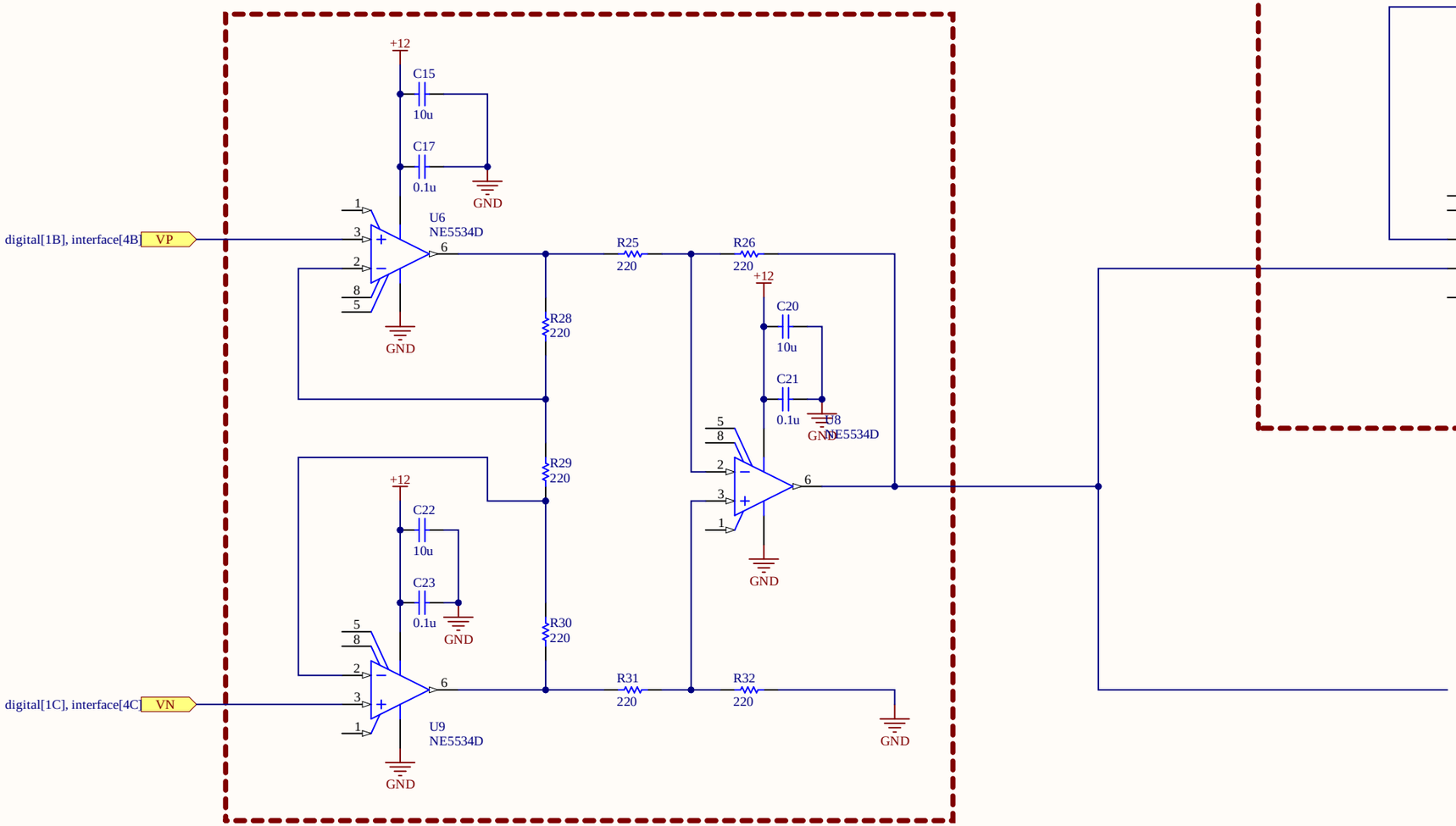
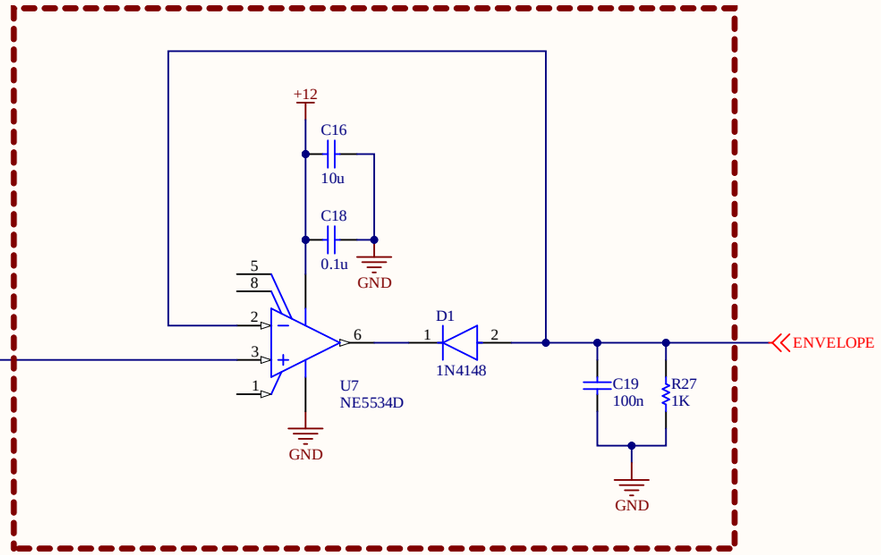
Differential Amplifier



Envelope Detector



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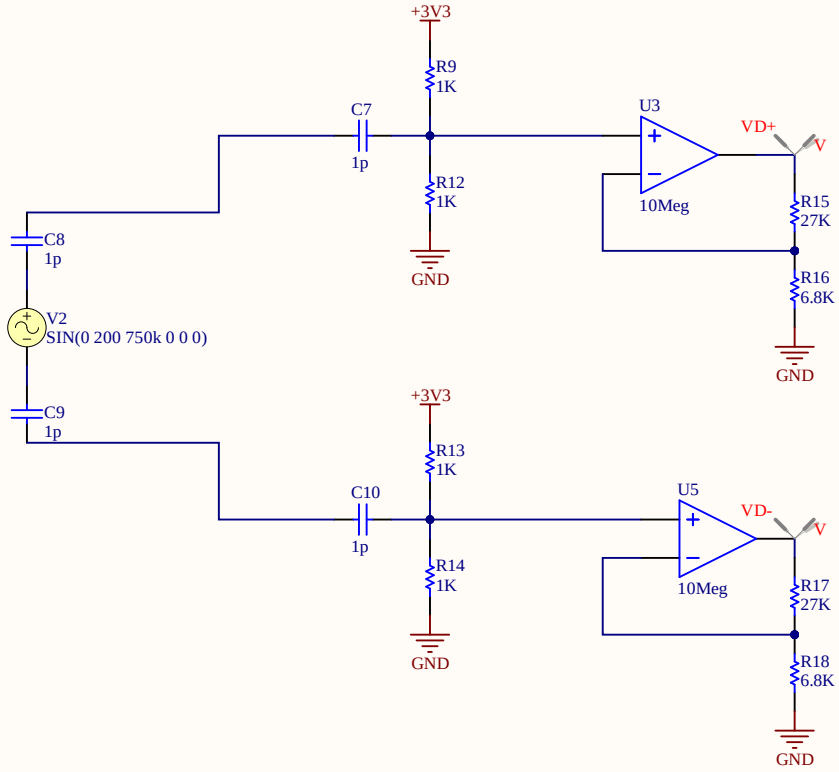
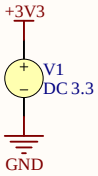
Simulation





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