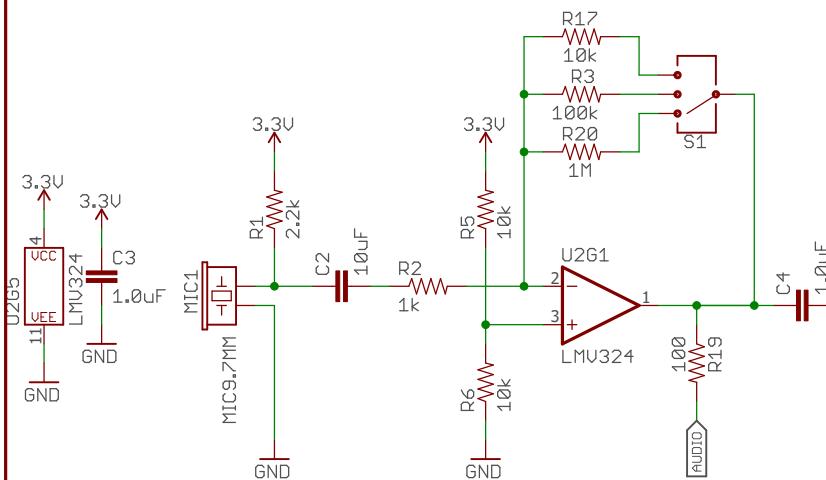
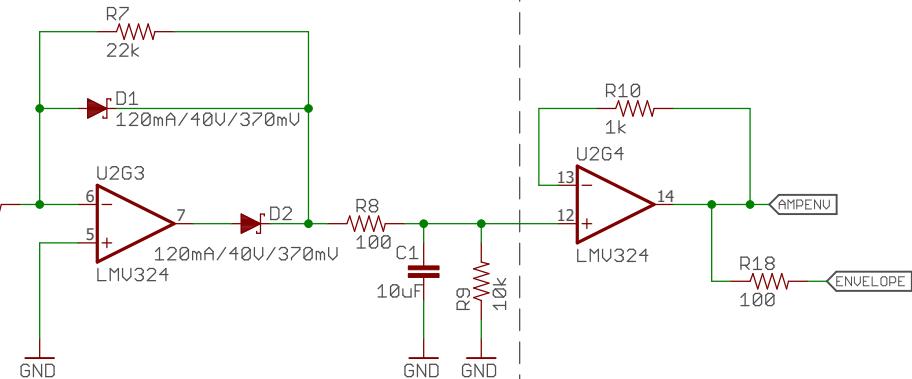


Mic capsule and preamplifier



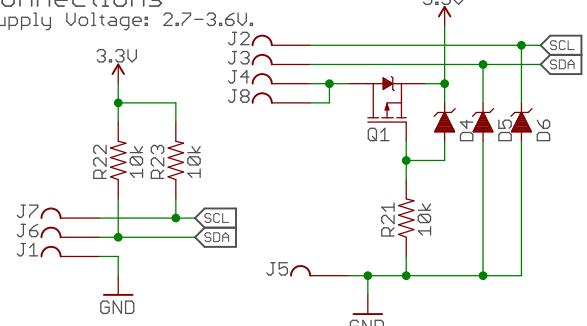
Peak detector

Half-wave precision rectifier with gain of approx 2

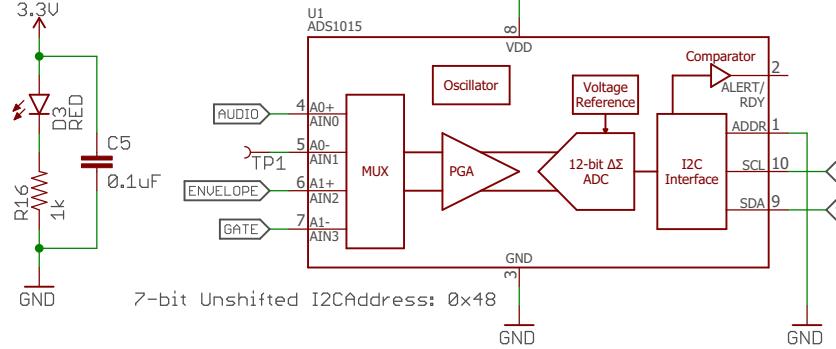


Connections

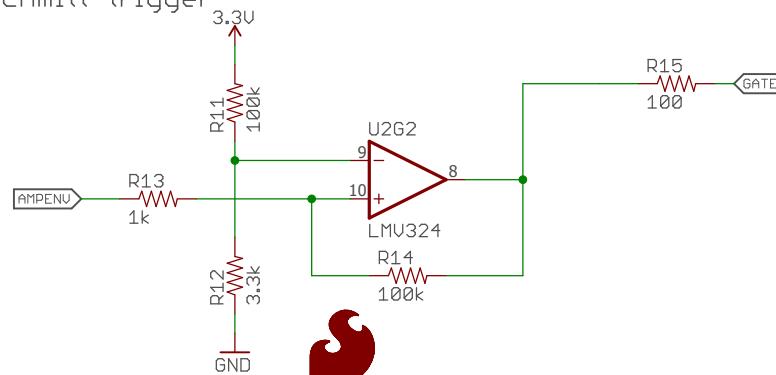
Supply Voltage: 2.7-3.6V.



ADC-to-I2C



Schmitt trigger



sparkfun

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TITLE: gatormicrophone

Design by: Andrew England

REV:
v10



Date: 6/9/2019 9:35 PM

Sheet: 1/1