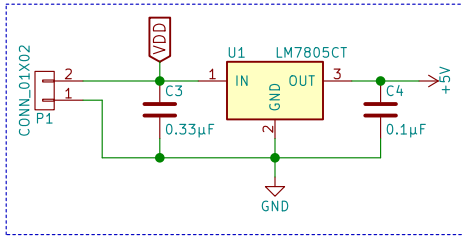
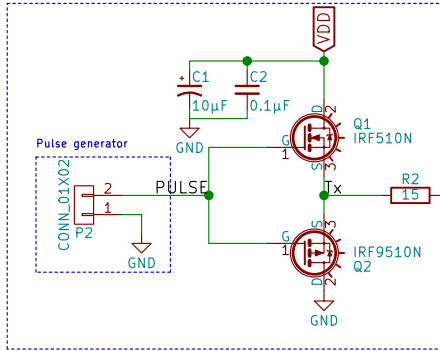


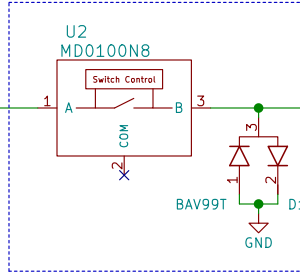
Power Supply +5V



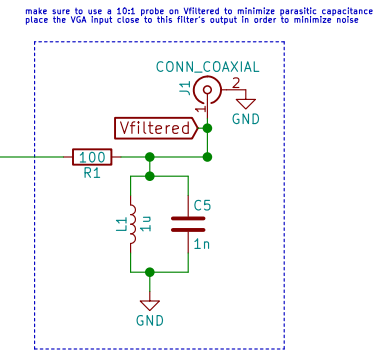
Transmitter



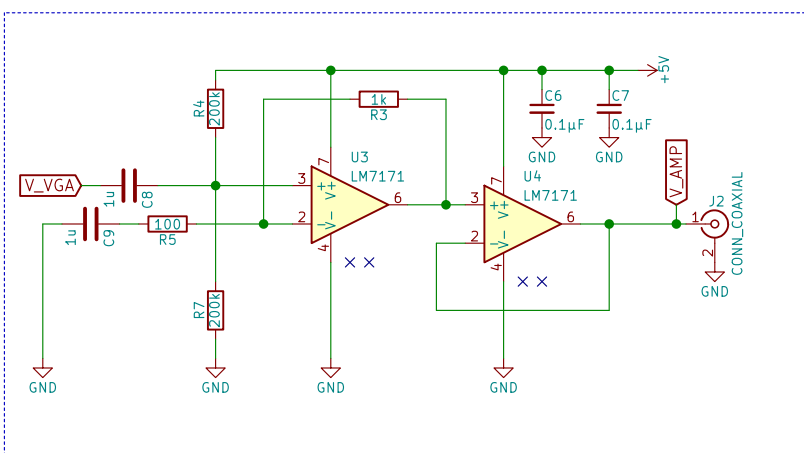
T/R Switch



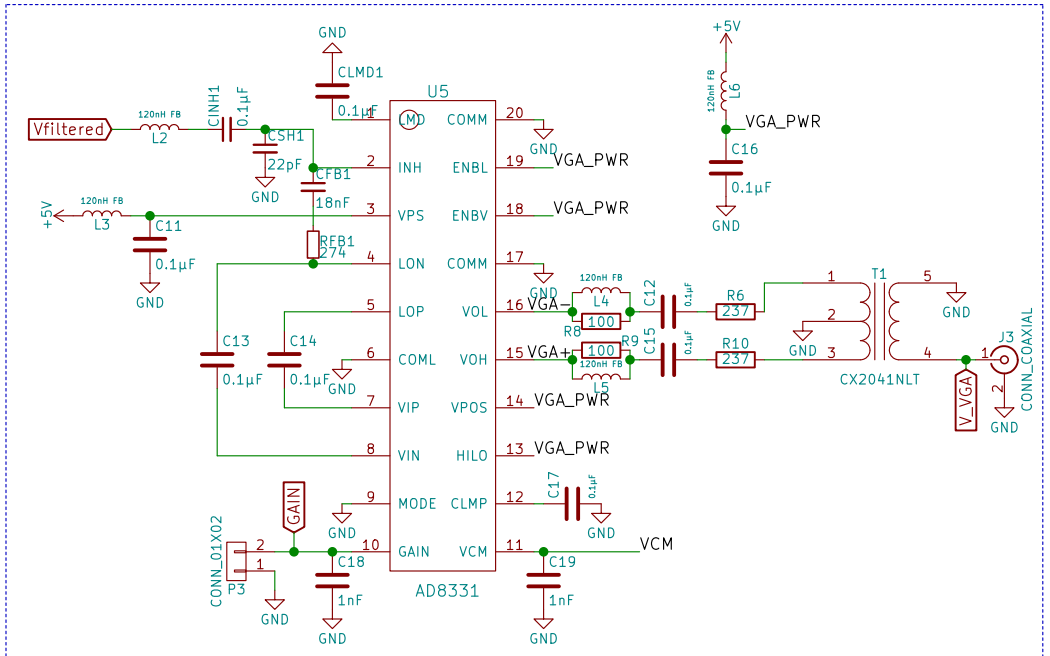
Bandpass Filter



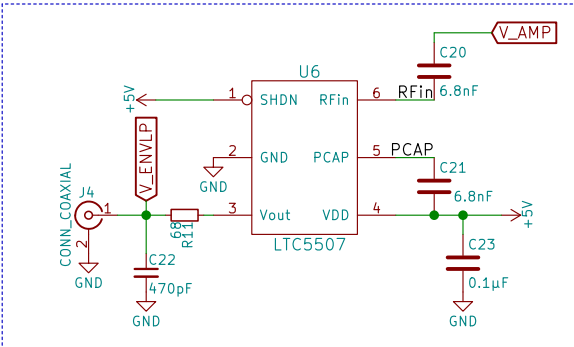
Additional Amplifier



VGA



Envelope Detector



Columbia University – Creative Machines Lab

Sheet: /

File: Analog_Frontend.sch

Title: Analog Frontend for Low Cost Ultrasound

Size: USLetter Date: 2017-05-18

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