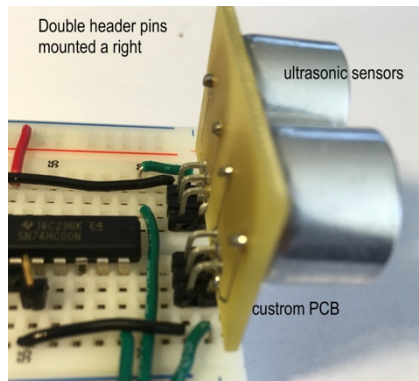


Lab 10: Ultrasonic echo location

Parts list:



40 kHz ultrasonic sensors

PUI Audio, Inc, MFG P/N UR-1240K-TT-R

DigiKey P/N: 668-1546-ND

<https://www.digikey.com/product-detail/en/pui-audio-inc/UR-1240K-TT-R/668-1546-ND/6071958>

Right angle termination breakaway header pins, double row

Sullins P-E-0.100-36-D-BB-N (6 mm head, 5 mm tail)

Printed Circuit Board (by Bradley Minch), design available via bradley.minch@olin.edu; <https://www.customcircuitboards.com/> and <https://pages.olin.edu/isim/4-module9>

Alternative:

Adafruit Industries LLC, Ultrasonic Sensor, DigiKey P/N 1528-2711-ND

<https://www.digikey.com/product-detail/en/adafruit-industries-llc/3942/1528-2711-ND/9658069>

Image: Adafruit Industries

