

Vibration Sensors

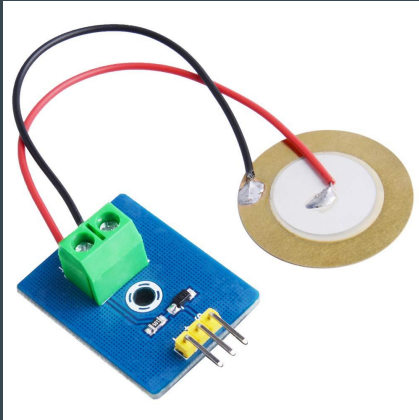


Noah MacDonald

What is a Vibration Sensor? How does it work?

- Two basic types
 - Piezoelectric
 - This is what I'm using!
 - Spring
 - Convert to analog?

Piezoelectric Sensor



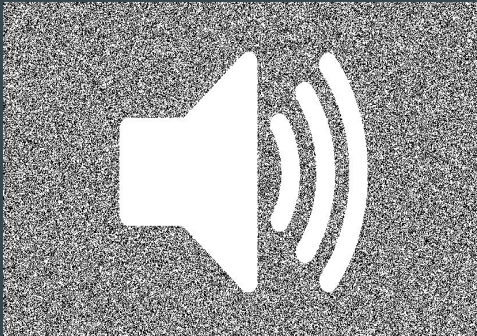
Spring Sensor

SW-58010P

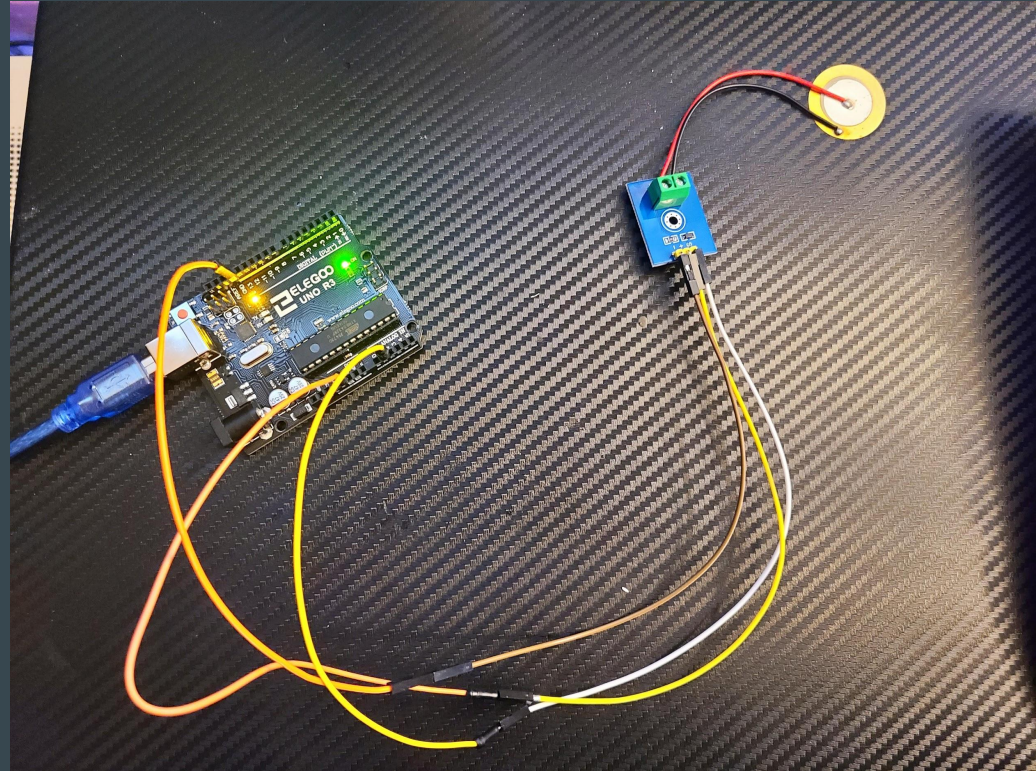


Circuit/My Project (so far)

- Sensor has 3 pins
 - GND, +V, S
- Sensor works in “reverse”
- Faulty?



[image link](#)



Costs

Arduino Uno - \$23 [Arduino official store](#)

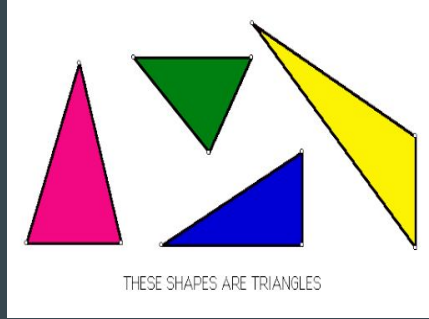
Or \$10-15 for a clone.

Vibration Sensor - ~\$10 [Amazon link, currently \\$8 for 5](#)

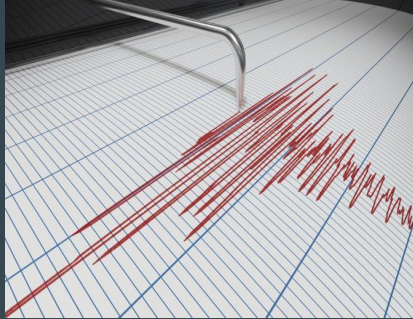
Can be much more!



Ideas for Expansion/Applications



[image link](#)



[image link](#)



[image link](#)



[image link](#)

Questions?