

Raspberry Shake - Home Earthquake Monitor (RS1D)

SEN-14835

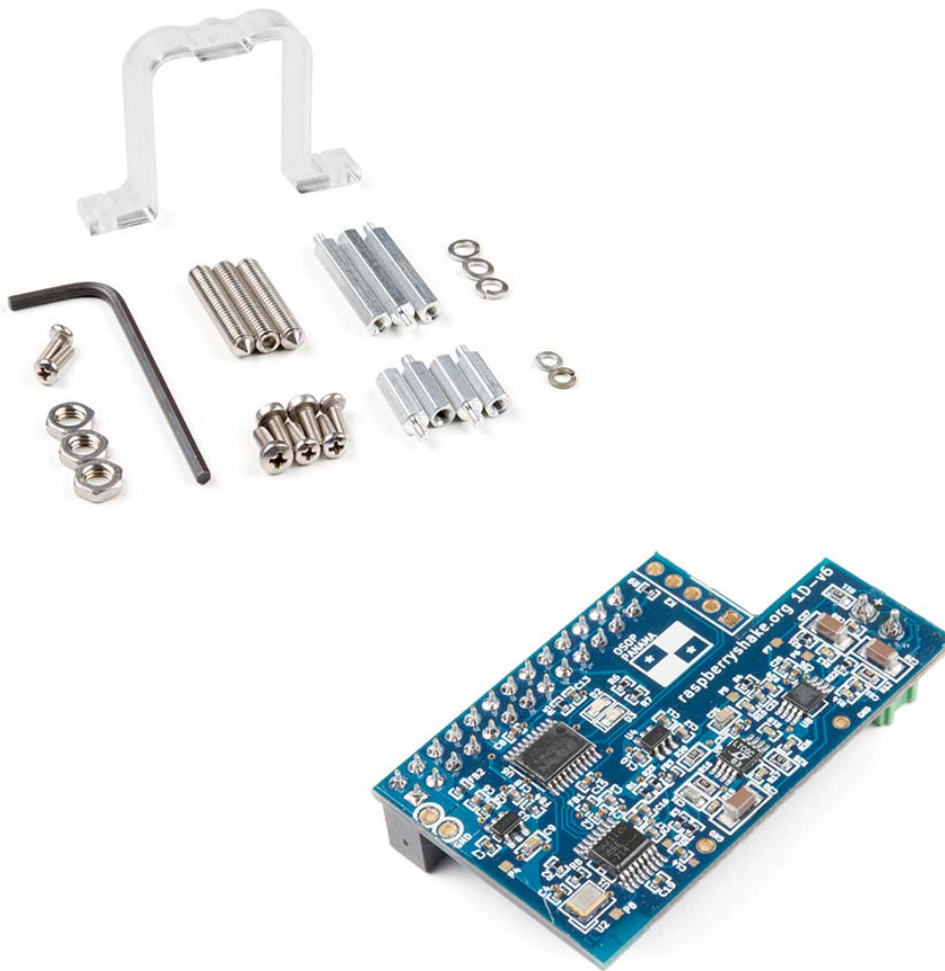
This shake brings an easy-to-use earthquake monitor to the yard! Developed and made on a *literal* volcano, the Raspberry Shake is a highly accurate seismograph you can use in your home, office, and classroom. This Raspberry Pi accessory uses a single, vertical geophone as its sensor – a very sensitive yet rugged Earth motion microphone widely used in the oil and gas industry, to detect seismic vibration. The Raspberry Shake was originally designed with citizen scientists and educational facilities in mind, but can easily be used by other hobbyists, makers, and enthusiasts, as well!

Included with this kit is everything you need to equip your Raspberry Pi Zero, Pi Zero W, 3 Model B, 3 Model B+, 2 Model B, Model B and Model B+ with everything it needs to detect and measure earthquakes and seismic activities like fracking, explosions, eruptions, avalanches, landslides, and more. All you need supply is the Raspberry Pi itself.

Note: The Raspberry Shake Home Earthquake Monitor only includes the parts found in the Includes Tab. This kit will require some assembly and does **NOT** include a Raspberry Pi or power source. These items will need to be purchased separately.

INCLUDES

- 1x Raspberry Shake Circuit Board
- 1x Vertical Earth motion Monitoring Sensor (“Geophone”, 4.5Hz) with Cables
- 1x Enclosure
- 1x 8GB Micro SD Card (pre-programmed)



<https://www.sparkfun.com/products/14835> 10-4-18