



OPEN CONNECTIVITY
FOUNDATION™

OCF Hackathon - Hardware

June 21st, 2018





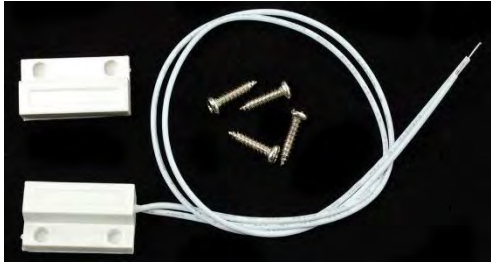
Individual Kit

- Raspberry Pi 3
- Pre-configured 8GB SD Card
- Automation Phat
 - Relay, outputs and digital and analog inputs
- Power supply
- Ethernet cable
- 32GB Thumb drive with software tools and OS images

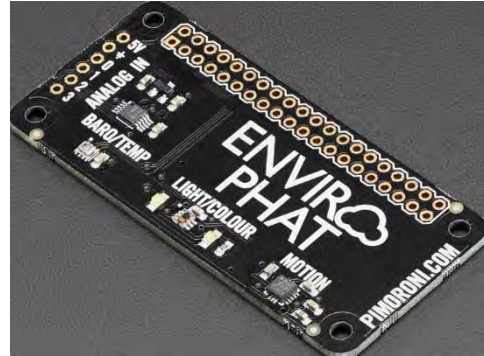




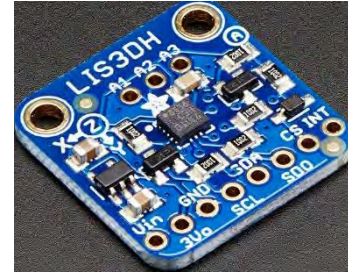
General Kit - sensors



Magnetic contact



Environment sensors



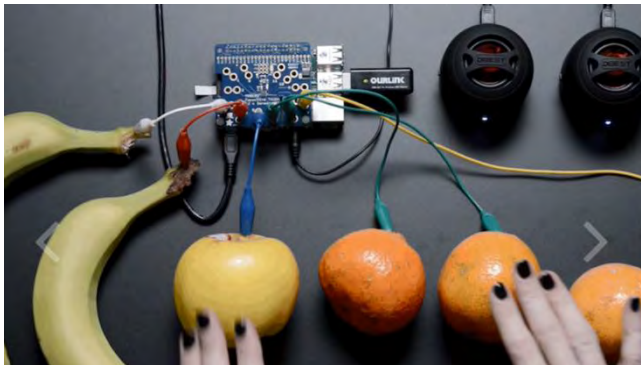
Accelerometer



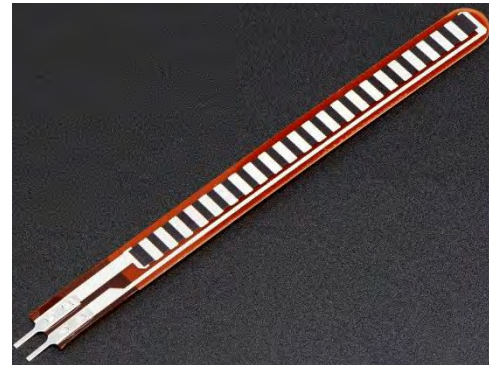
Force Sensor



Stretch Sensor



Capacitive Touch Sensor



Flex Sensor



Liquid Level Sensor



Liquid Flow Meter



General Kit – More sensors



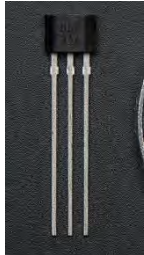
IR Sensor



Light color
Proximity
Gesture



Photo Cell



Hall
Effect



Temp



Analog
meter



motion



Sealed Temp



Vibration



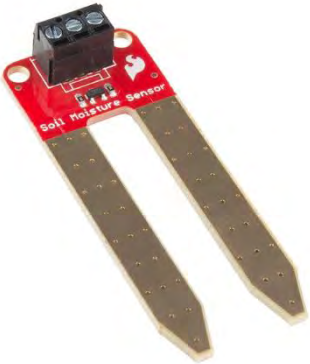
Pulse



Light Transistor



Ultra-sonic



Soil Moisture



General Kit – LEDs



RGB

IR

UV

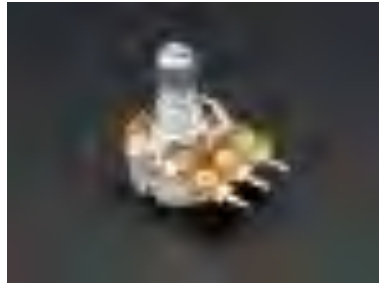


General Kit – Motors





General Kit – Input





General Kit – Screens

- OLED Screens
- Ink Screens
- Analog meters
- LCD Screen





General Kit – Others





OPEN CONNECTIVITY
FOUNDATION™