Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

The Internet Button

The Internet Button is a ready-to-use IoT device with sensors, LEDs, and more. Place orders online, send

emails, receive notifications, track feedback, and develop hundreds of other applications

The IoT at the push of a button

The Internet Button is your IoT trigger to send and receive events, automating the things around you. The

Particle Cloud makes it happen.
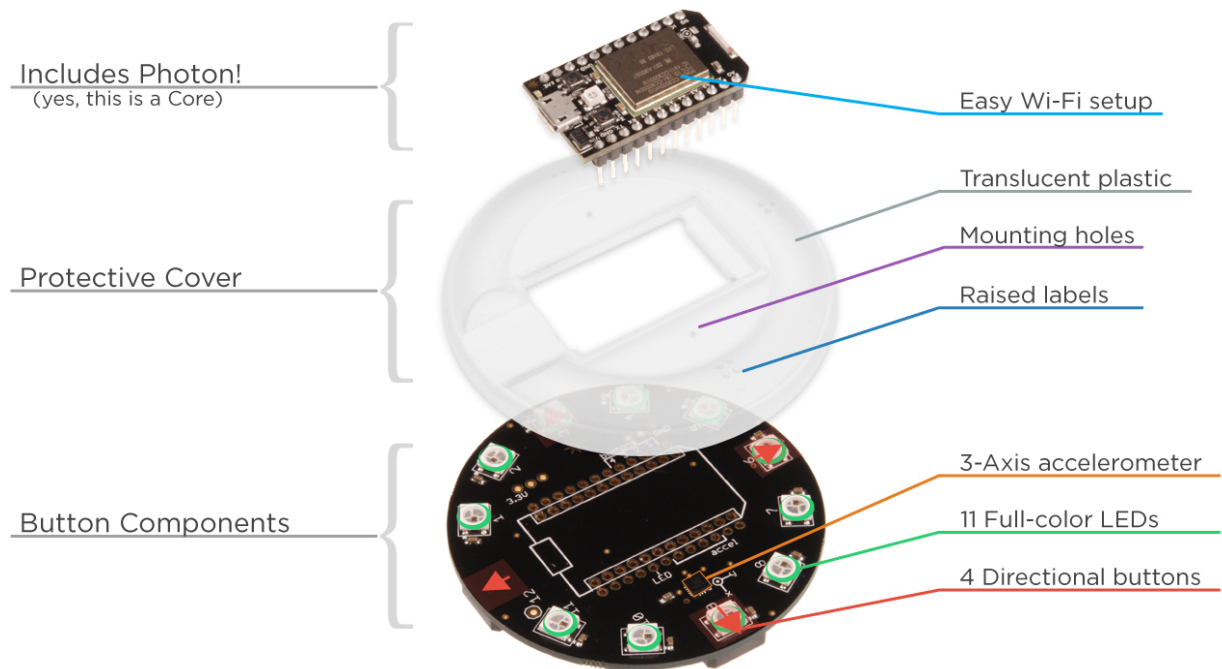
Simple and easy set up

Setting up the Internet Button isn't complicated. Change one line of code to change the actions of the button.

Connect via IFTTT and you can make phone calls, send texts and purchase items online in just minutes.

More than just a button

Underneath 4 tactile buttons are a strip of controllable RGB LEDs, a speaker and even an accelerometer.

Easily prototype any number of IoT applications.

Includes Photon!
(yes, this is a Core)

Easy Wi-Fi setup

Translucent plastic

Mounting holes

Protective Cover

Raised labels

3-Axis accelerometer

11 Full-color LEDs

Button Components

4 Directional buttons

Build IoT Software

Start building IoT software for The Internet Button with straightforward developer toolkits. Use software to

setup devices, add libraries and efficiently debug any code.

Comprehensive Management Tools

Focus on your product. Resolve any issues and troubleshoot with our developer tools. The Particle Console

and easy-to-use mobile apps both manage and monitor your devices.

Button specs

- 11 individually controllable RGB LEDs
- ADXL362 3-axis accelerometer
- 4 tactile buttons for D-pad style interactions
- Female socket for connection to Photon
- Additional female headers for adding extra actuators and sensors
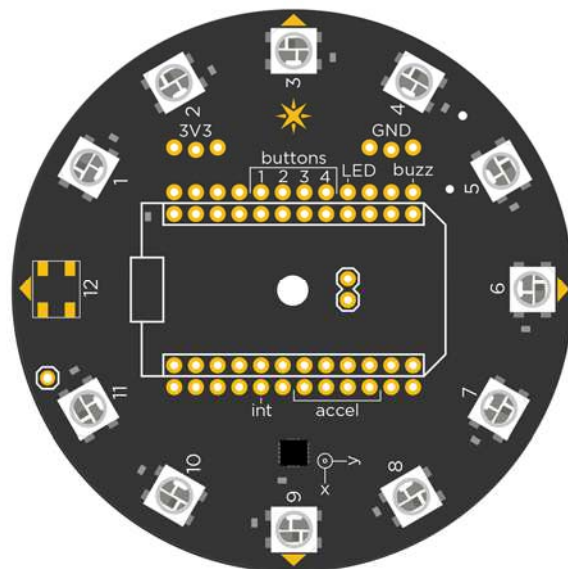
Photon specs

- Particle P0 Wi-Fi module
- Broadcom BCM43362 Wi-Fi chip
- STM32F205 120Mhz ARM Cortex M3
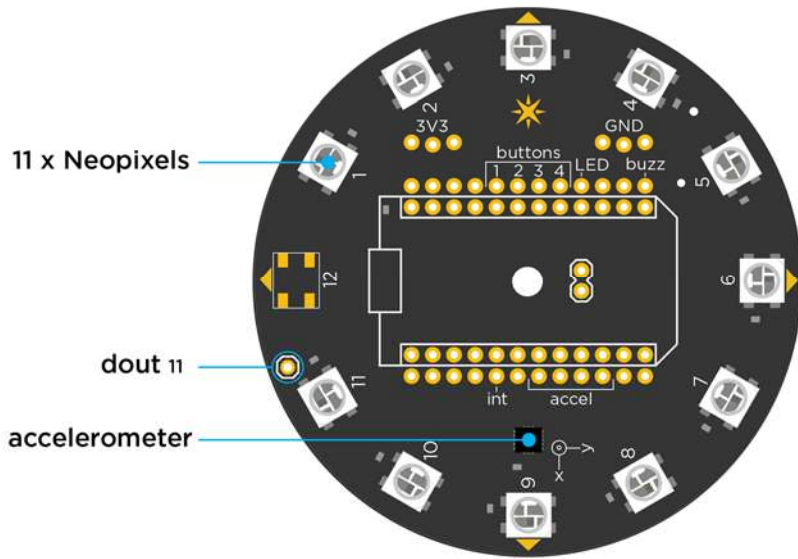- FCC/CE/IC certified

Internet Button - Library

If you're already logged into Build.particle.io then you can jump directly to the library to get going quickly and easily with the InternetButton library, which wraps all the features in easy-to-use functions.
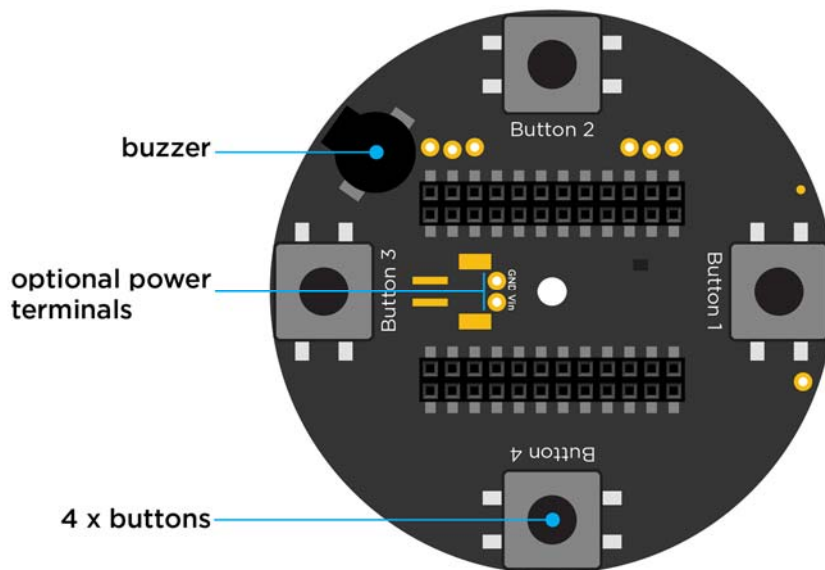
Examples include:

1. **Blink an LED** - How to control the smart LEDs on this board
2. **Blink all the LEDs** - An extension on the simplest case
3. **LEDs and Buttons** - How to read the buttons on the Button, and make LEDs blink with them
4. **Good Combination** - A set of button and LED conditionals that I happen to like and use frequently
5. **Motion** - The Internet Button also has an accelerometer on it to measure motion- this shows how the related functions work
6. **Orientation** - How to use the accelerometer functions to determine the orientation
7. **Internet** - Send that data out to the world!
8. **Making Music** - Learn how to play notes and songs with your Button
9. **Release Firmware** - Big, complicated set of epic.

Internet Button - Top

11 x Neopixels

dout 11

accelerometer

3V3

buttons
1 2 3 4 LED buzz
GND

int   accel

Internet Button - Bottom

buzzer

optional power
terminals

4 x buttons

Button 2

Button 3

Button 1

Button 4

GND Vin

Internet Button - Specifications

- Operating voltage: USB or External DC of 3.3 to 5.5VDC
- Dimensions: 2.6" x 2.6"
- 11 individually controllable RGB LEDs
- ADXL362 3-axis accelerometer
- 4 tactile buttons for D-pad style interactions
- Female socket for connection to a Particle device
- Additional female headers for adding extra actuators and sensors
- Backward compatible with the Core