



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!



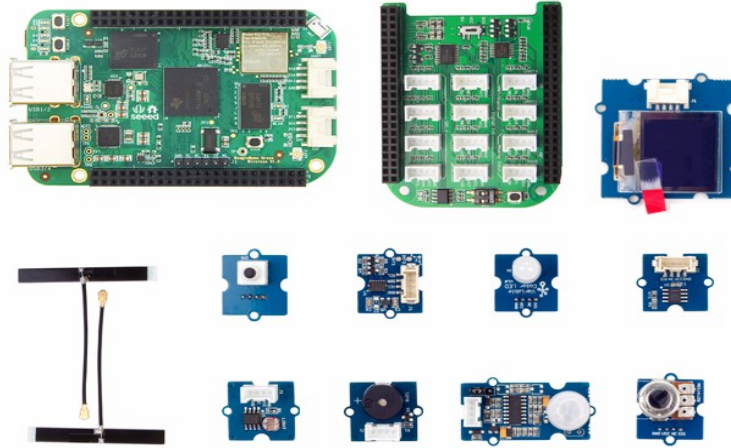
## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





**Seed Studio BeagleBone Green Wireless IOT Developer Prototyping Kit for Google Cloud Platform**  
SKU 110060426

**DESCRIPTION**





Since the advent of Internet of Things(IoT), developers all feel an urge to build a thing or two to introduce the IoT capabilities into their business or operating environment. Unfortunately, the lack of accessible hardware elements and reliable development platform has long been an issue.

Now none of these will come across your path as Seeed has worked with **Google** and **BeagleBoard.org** to bring you a perfect solution – an IoT developer prototyping kit for **Google Cloud Platform**. The kit collects various types of sensors and actuators that are seen being used in many internet-equipped devices. All the sensor and actuator modules feature in plug-and-play and are fully compatible with the new BeagleBone Green Wireless Board, which is the fundamental element in this kit, it includes:

- Built-in Wi-Fi and Bluetooth Low Energy(BLE) added on the original BeagleBone Green
- A fully Open Hardware design as with previous
- Two integrated Grove connectors for agile prototyping without any soldering or breadboarding
- Onboard SD card slot for storage extensions
- Built-in PRU real-time co-processor that is well suited for certain industrial protocols
- Up to 65 digital I/Os and analog-to-digital converters that are key for IoT prototyping situations

The kit also comes with a **Grove base cape** that can be attached directly onto the BeagleBone Board Green Wireless to provide you the real plug-and-play experiences with the Grove modules.

### What's inside

1x BeagleBone Green Wireless (includes a Type A to Micro B USB Cable – 20cm)

1x Grove Base Cape for Beaglebone v2.0

#### Sensors:

1x Grove –3 Axis Digital Accelerometer( $\pm 16g$ ) v1.2

1x Grove – Temperature Sensor v1.1

1x Grove – Rotary Angle Sensor(P)

1x Grove – Light Sensor

1x Grove – PIR Motion Sensor

**Actuators:**

1x Grove – Button(P)

1x Grove – Buzzer

1x Grove – Variable Color LED

1x Grove – OLED 96x96 v2.1

**Others:**

9x Grove Cables – 20cm

1x Type A to Micro B USB Cable – 20cm (included in the BeagleBone Green Wireless package)

## Getting Started

To getting started please visit the [Google Cloud Platform - IoT Solutions](#) .