



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

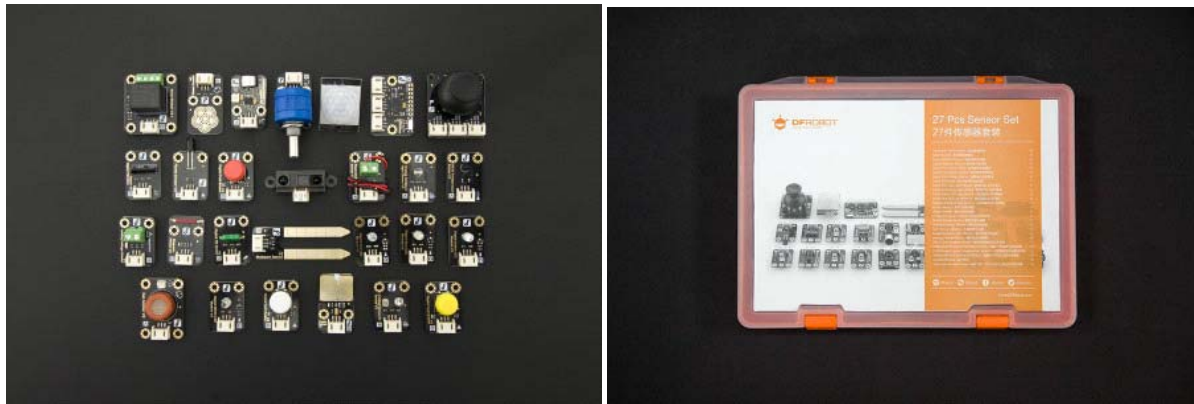
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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





## Gravity: 27 Pcs Sensor Kit for Arduino SKU:KIT0011



### INTRODUCTION

If you want to start playing with sensors, this kit will be the perfect choice for you to get started. It comes with bundle of the most popular DFRobot sensors such as light, gas, sound, touch, accelerometer and lots more which gives unlimited possibility to sense the physical world on your embedded devices.

The wiki for these sensors and devices makes it easy to start learning. So save by purchasing them together and start experimenting now!

- Great for experimenting and learning
- Useful for most projects
- Bundle of the most popular sensors from DFRobot

To connect these sensors to Arduino, we suggest to use our [Gravity: Audino IO expansion shield](#) which has color coded pins that provides a much easier way to link sensors to microcontroller. For further information check each device documentation on the shipping list link.

## SPECIFICATION

- Light sensing
- Sound sensing
- Distance sensing
- Magnetic sensing
- Accelerometer sensing
- Vibration sensing
- Touch sensing
- Gas sensing
- Steam sensing
- Push sensing

## SHIPPING LIST

- Relay Module V2 ([DFR0017](#))x1
- Digital RED LED Light Module ([DFR0021R](#))x1
- Digital White LED Light Module ([DFR0021](#))x1
- Digital Green LED Light Module ([DFR0021G](#))x1
- Digital Blue LED Light Module ([DFR0021B](#))x1
- Analog Grayscale Sensor ([DFR0022](#))x1
- LM35 Analog Linear Temperature Sensor ([DFR0023](#))x1
- Analog Ambient Light Sensor ([DFR0026](#))x1
- Digital Vibration Sensor ([DFR0027](#))x1
- Digital Tilt Sensor ([DFR0028](#))x1
- Digital Push Button ([DFR0029](#))x1
- Capacitive Touch Sensor ([DFR0030](#))x1
- Digital magnetic sensor ([DFR0033](#))x1
- Analog Sound Sensor ([DFR0034](#))x1
- Analog Carbon Monoxide Sensor (MQ7) ([SEN0132](#))x1
- Analog Voltage Divider ([DFR0051](#))x1
- Piezo Disk Vibration Sensor ([DFR0052](#))x1
- Analog Rotation Sensor V2 ([DFR0058](#))x1
- Joystick Module ([DFR0061](#))x1
- Flame sensor ([DFR0076](#))x1
- Triple Axis Accelerometer MMA7361 ([DFR0143](#))x1
- Digital Infrared motion sensor ([SEN0018](#))x1
- Sharp GP2Y0A21 Distance Sensor (10-80cm) (3.94-31.50") ([SEN0014](#)) x1
- Soil Moisture Sensor ([SEN0114](#)) x1
- Digital Push Button (Red)([DFR0029-R](#)) x1
- Digital Push Button (White)([DFR0029-W](#)) x1
- Steam Sensor ([SEN0121](#))