



Super Learning Kit for Arduino

SKU:KS0077(NO Board)
KS0078(Kit For UNO R3)
KS0079(Kit For 2560 R3)



Introduction:

Keyestudio super learning kit is suitable for Arduino enthusiasts. This kit includes 32 projects with detailed tutorials, starting from the basics to more complex projects. Different from other kits, it adds some functional modules, such as RFID, temperature and humidity module. There are connection diagrams and codes for all the projects, making it easy for you to learn.

- ### List
- 1.LED - Blue * 5
 - 2.LED - Red * 5
 - 3.LED - Yellow * 5
 - 4.LED - RGB * 1
 - 5.220 Ω resistor * 8
 - 6.10K Ω resistor * 5
 - 7.1K Ω resistor * 5
 - 8.10K Ω Pot * 1
 - 9.Buzzer (active) * 1
 - 10.Buzzer (passive) * 1
 - 11.Large button switch * 4
 - 12.Ball tilt sensor * 2
 - 13.Photo Resistor * 3
 - 14.Flame sensor * 1
 - 15.1x LM35 Temp Sensor * 1
 - 16.IC 74HC595N 16-pin DIP * 1
 - 17.7-seg LED 1x module * 1
 - 18.7-seg LED 4x module * 1
 - 19.8*8 LED Matrix * 1
 - 20.2x16 LCD display * 1
 - 21.IR receiver * 1
 - 22.IR remote control * 1
 - 23.Servo Motor * 1
 - 24.Stepper driver module * 1
 - 25.Stepper Motor * 1
 - 26.Joystick Module * 1
 - 27.Relay Module * 1
 - 28.PIR Motion Sensor * 1
 - 29.Analog Gas Sensor * 1
 - 30.ADXL345 Three Axis Acceleration Module * 1
 - 31.HC-SR04 Ultrasonic Sensor * 1
 - 32.DS3231 Clock Module * 1
 - 33.DHT11 Temperature and Humidity Sensor * 1
 - 34.Soil Sensor * 1
 - 35.RC522 RFID Module * 1
 - 36.RFID Card * 1
 - 37.RFID key * 1
 - 38.Pin headers * 40
 - 39.830-hole Breadboard * 1
 - 40.Dupont Wire * 10
 - 41.Breadboard Jumper Wire * 30
 - 42.6-cell AA Battery pack * 1
 - 43.USB cable * 1
 - 44.UNO R3 * 1
 - 45.2560 R3 * 1

Keyestudio Basic Starter V2.0 Kit for Arduino



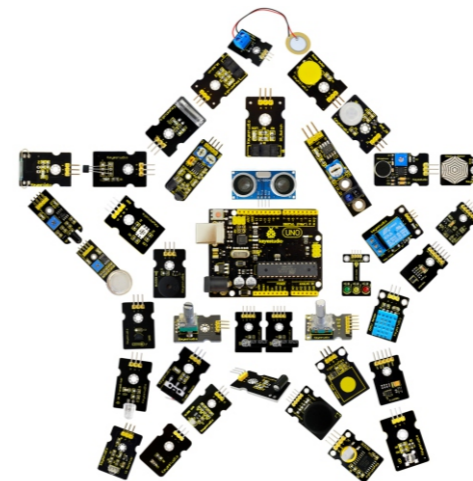
SKU:KS0402(No Board)
KS0403(Kit For UNO R3)
KS0404(Kit For 2560 R3)



Introduction

This Basic Starter V2.0 upgraded kit is developed specially for those who are interested in Arduino. You will have a set of Arduino's most common and useful electronic components. What's more, we will offer you a detailed tutorials including project introduction, connection diagram, source code and more. You may learn about Arduino from basic projects to more complex projects. This kit will help you control the physical world with sensors.

Keyestudio 37 in 1 Sensor V2.0 Kit for Arduino



SKU:KS0399(No Board)
KS0400(Kit For UNO R3)
KS0401(Kit For 2560 R3)



Introduction

This is an Arduino 37 in 1 sensor learning kit developed by Keyestudio. You will have a set of Arduino's most common and useful electronic sensors and modules. Inside this box, there are digital and analog sensors, and also some special modules such as ultrasonic, Joystick, relay, acceleration modules, etc. For each module, there is clear connection diagram and sample code. So even if you are totally new at this, you can get started easily.

Keyestudio Maker Learning Kit for Arduino



SKU:KS0080(No Board)
KS0081(Kit For UNO R3)
KS0082(Kit For 2560 R3)



Introduction

Maker learning kit is a DIY kit for scientific experiments based on ARDUINO. Together with controller, sensors, electronic components, you can build different DIY projects. It can not only enhance operational ability of teenagers, but also develop their imagination and creativity.Children who are into DIY can learn electronics, physics, science knowledge and software programming while playing; teachers can use it to achieve innovative teaching; makers can use it for design verification of product prototype.

Keyestudio Advanced Study Kit for Arduino



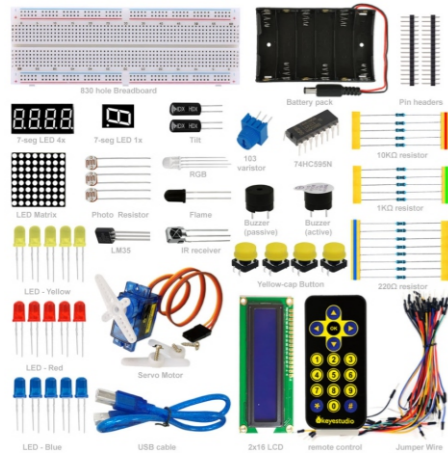
SKU:KS0074(No Board)
KS0075(Kit For UNO R3)
KS0076(Kit For 2560 R3)



Introduction

Arduino advanced study kit walks you through the basics of using the Arduino in a hands-on way. You'll learn through building several creative projects. The kit includes a selection of the most common and useful electronic components with a book of 28 projects. Starting from the basics of electronics to more complex projects, the kit will help you control the physical world with sensors and actuators.

keyestudio Basic Starter Kit for Arduino Starters



SKU:KS0072(No Board)
KS0069(Kit For UNO R3)
KS0073(Kit For 2560 R3)



Introduction

This is the basic Starter Kit, developed specially for those beginners who are interested in Arduino. You will have a set of Arduino's most common and useful electronic components. What's more, we will offer you a detailed tutorials including project introduction and their source codes. You may learn about Arduino through using these basic projects. This kit will help you control the physical world with sensors.

Keyestudio 37 in 1 Sensor Kit for Arduino Starters



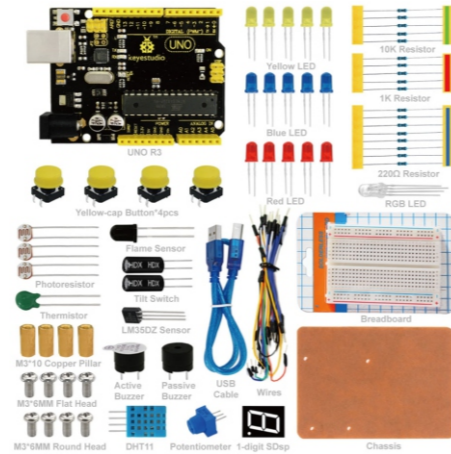
SKU:KS0068



Introduction

This is keyestudio sensor learning kit. We bring together 37 basic sensors and modules, aiming for the convenient learning for starters. Inside this box, there are digital and analog sensors and also some special modules such as ultrasonic, Bluetooth, acceleration module, etc. For each module, there is clear connection diagram and sample code. So even if you are totally new at this, you can get started easily.

keyestudio UNO R3 Breadboard Kit for Arduino



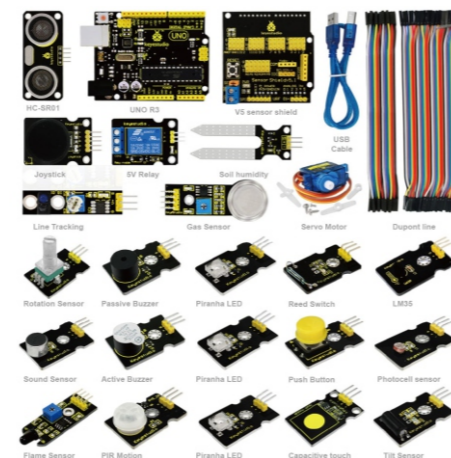
SKU:KS0070



Introduction

UNO R3 Breadboard kit is a learning kit based on UNO R3 development board. It's equipped with basic elements for ARDUINO experiments, including breadboard, Dupont wires, LEDs, resistors. With this kit, you can perform simple LED experiments, such as LED blinking, LED chasing effect, etc. It is both affordable and portable for your Arduino learning.

Keyestudio ARDUBLOCK Graphical Programming Starter Kit



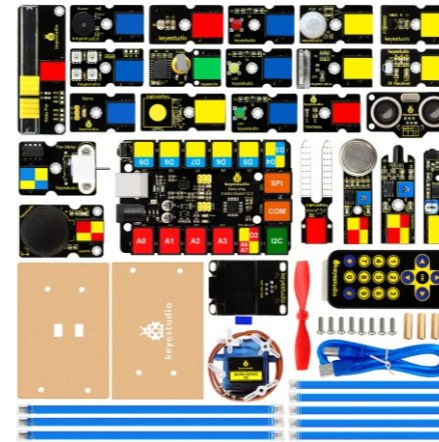
SKU:KS0086



Introduction

Ardublock zero-based programming kit is a new graphical programming study kit which is based on Arduino enthusiasts and developed by keyestudio. It greatly lowers the difficulty in program learning for enthusiasts. All computer language and professional statements of a program can be simplified into blocks.

keyestudio EASY plug Ultimate Starter Kit for Arduino STEM EDU



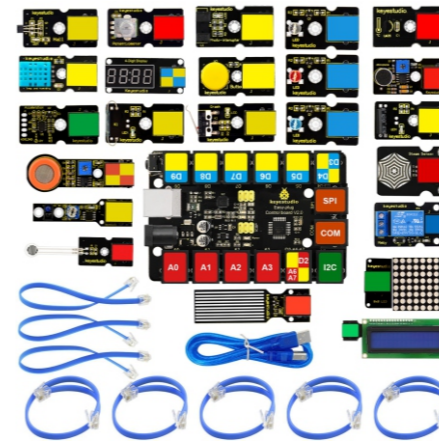
SKU:KS0398



Introduction

This kit includes everything you need to complete Mixly projects that will teach you how to control and read external sensors and displays, sound control, learn Mixly Blocks programming, and much more. The Starter Kit includes a user guide with 22 tutorials that will walk you through the basics up to complex projects.

Keyestudio EASY plug Super Starter Kit for Arduino STEM EDU



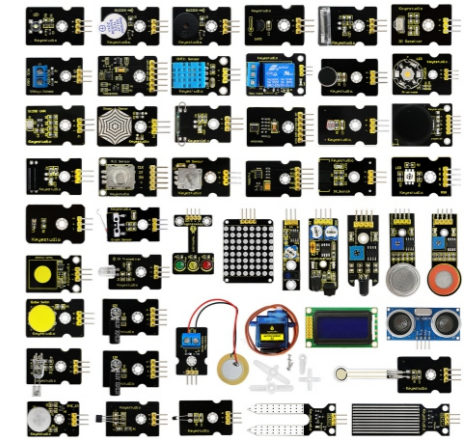
SKU:KS0397



Introduction

This kit includes everything you need to complete Mixly projects that will teach you how to control and read external sensors and displays, control matrix, learn Mixly Blocks programming, and much more. Although you have a few or even no electronics related knowledge, you can use this kit to realize your creative ideas as long as you want to.

keyestudio 48 in 1 Sensor Kit



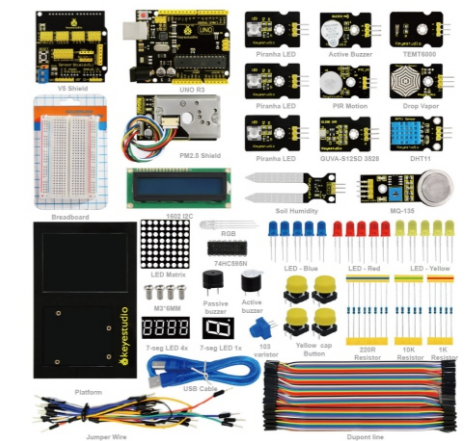
SKU:KS0349



Introduction

This sensor kit contains 48 kinds of commonly used sensor modules in playing the microcontroller. It is compatible for various microcontrollers and Raspberry Pi. At the same time, we also provide some detailed projects for each sensor based on development board, including wiring method, test code, etc. It can help you have further understanding of those sensor modules and can apply them to interactive projects.

Keyestudio Environment Monitoring Kit



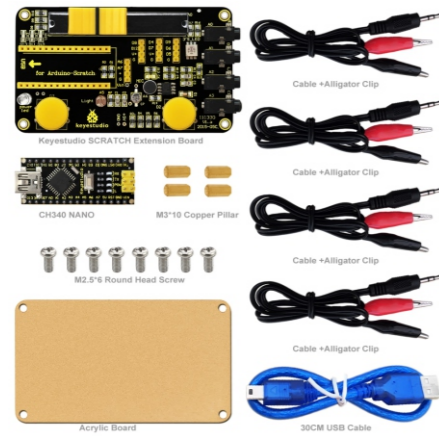
SKU:KS0190



Introduction

keyestudio Environment Monitoring Kit, the latest environmental study kit, greatly lowers the difficulty in program learning for enthusiasts. All computer language and professional grammars of a program can be simplified into blocks. Compiling is as easy as block building. Interactive with Arduino development board, they can achieve exciting works.

keyestudio Scratch for Arduino Starter Kit



SKU:KS0189



Introduction

In this projects, we are going to combine Scratch with Arduino to make more interactive and interesting projects. Students and children can program themselves by Scratch to make Arduino perform or use Arduino to get data measured by external sensors; therefore, they can create their own interactive stories, games, and animations.

Keyestudio Maker Touch Starter Kit



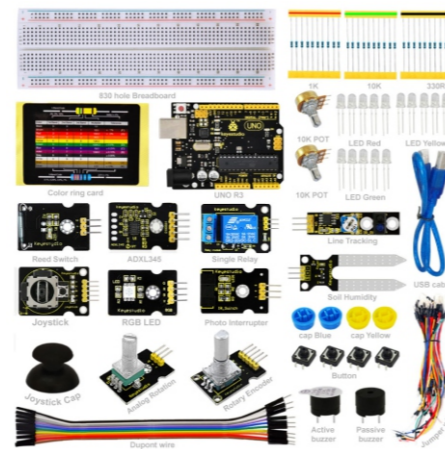
SKU:KS0188



Introduction

Maker Touch is a very simple circuit board and combined with open-source ARDUINO control board to make any object of compute input device. That is to say, it can make stairway into a piano, bananas into a keyboard, plasticine into a joystick and even your families into a musical synthesizer.

keyestudio Sensor Kit for ARDUINO Starters- K4



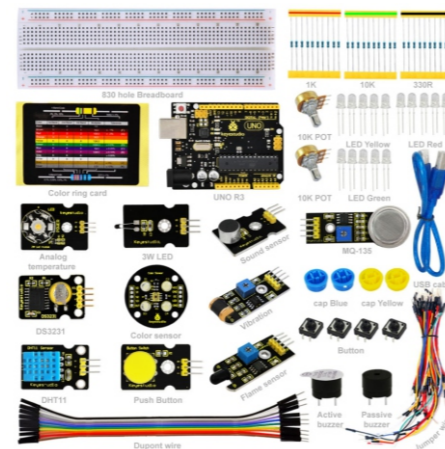
SKU:KS0181



Introduction

This keyestudio Sensor Kit is an Arduino starter learning kit developed by Keyes. We provide detailed tutorials for each project or sensor module, including connection diagrams and sample codes, with which you will find it easy for you to complete every experiments. Besides, you can also find video tutorials of this kit on our official website.

Keyestudio Sensor Kit for ARDUINO Starters- K3



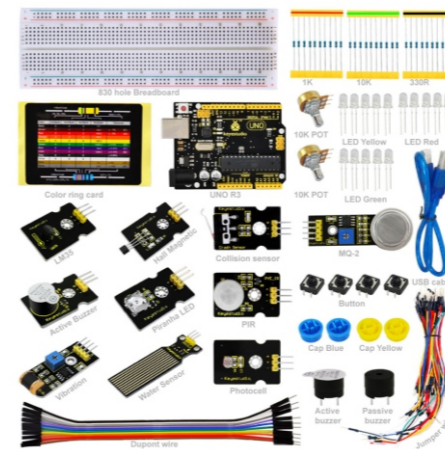
SKU:KS0180



Introduction

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keyestudio Sensor Kit for ARDUINO Starters- K2



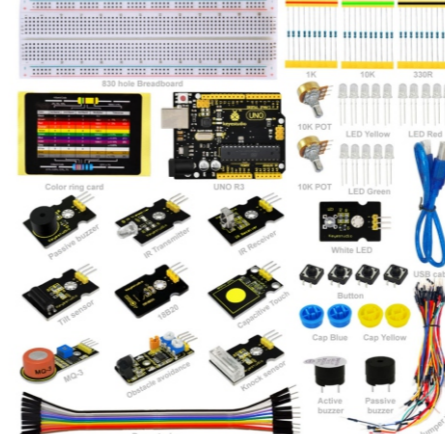
SKU:KS0179



Introduction

This keyestudio Sensor Kit is an Arduino starter learning kit developed by Keyes. We provide detailed tutorials for each project or sensor module, including connection diagrams and sample codes, with which you will find it easy for you to complete every experiments. Besides, you can also find video tutorials of this kit on our official website.

Keyestudio Sensor Kit for ARDUINO Starters- K1



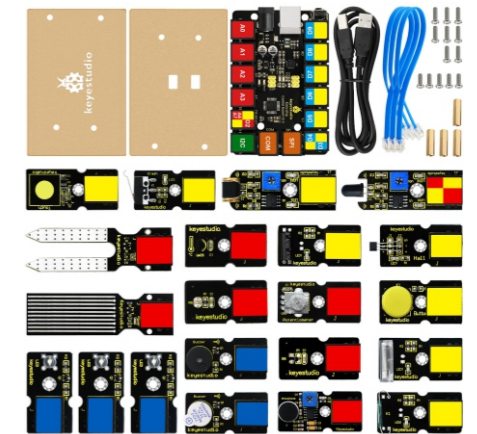
SKU:KS0178



Introduction

This keyestudio Sensor Kit is an Arduino starter learning kit developed by Keyes. We provide detailed tutorials for each project or sensor module, including connection diagrams and sample codes, with which you will find it easy for you to complete every experiments. Besides, you can also find video tutorials of this kit on our official website.

keyestudio EASY plug Starter Kit for Arduino



SKU:KS0158



Introduction

EASY plug learning kit is developed not only for professional electronic enthusiasts, but also for friends in other lines of work. Even if you have no electronics related knowledge, you can use it to realize your ideas as long as you want to. You never have to worry about wrong connection, complicated soldering or component damage. It's both safe and environmental-friendly.

Keyestudio New Infrared IR Wireless Remote Control Module Kits for Arduino



SKU:KS0088



Introduction

keyestudio Environment Monitoring Kit, the latest environmental study kit, greatly lowers the difficulty in program learning for enthusiasts. All computer language and professional grammars of a program can be simplified into blocks. Compiling is as easy as block building. Interactive with Arduino development board, they can achieve exciting works.



SKU:KS0084



SKU:KS0083



Introduction

This is an Arduino sensor learning kit developed by Keyes. We bring together 30 basic sensors and modules, aiming for the convenience of its learning for starters. The sample codes for this sensor kit are based on ARDUINO because it's open source and easy. And if you are good at this, you can also apply this kit to other MCU development platform, such as 51, STM32, Raspberries Pi.

Introduction

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