



Ks0080(81, 82)keyestudio Maker Learning Kit for Arduino

Introduction:

Want to have enormous fun? Want to DIY some projects? Want to be more creative and more imaginative? Want your child to learn science while having fun? As long as you are willing to create, dare to experience new things, have a passion for scientific experiments, this maker kit is your best tailored choice!

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.

Project List:

- Project 1: Hello World
- Project 2: LED Blinking
- 5.3Project 3: Breathing LED
- Project 4: PWM Light Control
- Project 5: Traffic Light
- Project 6: LED Chasing Effect
- Project 7: Button-controlled LED
- Project 8: Responder
- Project 9: Passive Buzzer
- Project 10: Photo Resistor
- Project 11: Flame Sensor
- Project 12: Analog Temperature (Thermistor)
- Project 13: A Cup with Temperature Indicator
- Project 14: Magical Light Cup
- Project 15: Vibration Switch
- Project 16: Sound-control Light
- Project 17: Voltmeter
- Project 18: Rotary Encoder
- Project 19: 5V Relay
- Project 20: Triode Controlled Motor Drive
- Project 21: NE555 Timer
- Project 22: Counting Your Number
- Project 23: Displaying Your "0"
- Project 24: Changing Numbers
- Project 25: DHT11 Temperature and Humidity Sensor
- Project 26: Driving Your Servo Motor
- Project 27: Choosing Your Favorite Color
- Project 28: IR Remote Control
- Project 29: 4*4 Button Module
- Project 30: I2C 1602 LCD
- Project 31: DS1302 Real Time Clock Module
- Project 32: Making Your Body An Alarm Clock
- Project 33: Getting Your Distance with Ultrasonic
- Project 34: TEMT6000 Ambient Light Sensor
- Project 35: Steam Sensor

Resources:

[https://wiki.keyestudio.com/Ks0080\(81, 82\)keyestudio_Maker_Learning_Kit_for_Arduino](https://wiki.keyestudio.com/Ks0080(81, 82)keyestudio_Maker_Learning_Kit_for_Arduino)