

Keyes Funduino Advanced Development Kit for Arduino

Module: KT0055

Instructions:

Keyes Funduino Development Learning kit includes various sensor components, modules, control board and so on, which is very popular for electronic hobbyists to learn the microcontroller. We also provide you with more detailed learning projects of this kit based on the control board, including wiring methods, test code and more. Helping you to have a preliminary understanding of those electronic components and control board.

Project List:

- Project 1: Hello World
- Project 2: On-board LED
- Project 3: PWM regulating the brightness of LED
- Project 4: LED blinking
- Project 5: LED chase effect
- Project 6: Traffic lights
- Project 7: Buzzer
- Project 8: Tilt switch
- Project 9: Button-controlled LED
- Project 10: Responder
- Project 11: Reading analog value
- Project 12: Light-controlled sound
- Project 13: Fire alarm
- Project 14: Voltmeter experiment
- Project 15: Sound detecting
- Project 16: LM35 temperature sensor
- Project 17: Temperature-controlled cup
- Project 18: 1-digit LED Segment Display
- Project 19: 4-digit, 7-segment LED display
- Project 20: 8x8 LED matrix experiment
- Project 21: LED RGB module
- Project 22: 74HC595 experiment
- Project 23: 4x4 Keypad display experiment
- Project 24: 1602 LCD experiment
- Project 25: Manual for Water Sensor Module
- Project 26: Ultrasonic Distance-measuring Module
- Project 27: Keyes 5V relay modules
- Project 28: Stepper Motor
- Project 29: Servo Motor Control
- Project 30: PS2 Joystick module experiment
- Project 31: Infrared remote control
- Project 32: RFID reader experiment
- Project 33: Entrance guard system Experiment

Download the example Code : (19Mb)

https://www.mantech.co.za/Datasheets/Products/KT0055_KEYES.zip