

Keyes KT0006 Starter Kit for Arduino UNO R3

Module: KT0006

Instructions:

Keyes development starter 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:

- | | |
|----------------------------------------|----------------------------------------------|
| 1 1x Mounting Board | |
| 2 2 x16pin header | |
| 3 1 x 400-hole breadboard | |
| 4 1 x 6-slot AA battery holder (15cm) | |
| 5 10 x 220ohm resistors | |
| 6 10 x 1Kohm resistors | |
| 7 10 x 10Kohm resistors | |
| 8 2 x Tilt switch | |
| 9 3 x Photoresistor (LDR) | |
| 10 1 x LM35 temperature sensor | |
| 11 1 x Flame sensor probe | |
| 12 1 x IR receiver | |
| 13 1 x Temperature and humidity module | |
| 14 1 x Arduino R3 Board | |
| 15 1 x RTC Clock module | |
| 16 1 x 7-Segment 4-digit display | |
| 17 1 x MINI bread board | |
| 18 5 x LED red | |
| 19 5 x LED green | |
| 20 5 x LED yellow | |
| 21 1 x Dot Matrix (8 x 8) | |
| 22 1 x 5V relay | |
| | 23 4 x Big tactile switches + Knob |
| | 24 2 x Buzzer |
| | 25 1 x 1602 LCD screen |
| | 27 1 x 9g servo (23cm) |
| | 28 1 x 5V Stepper motor drive board |
| | 28 1 x 5V Stepper motor (24cm) |
| | 29 10 x Female to female dupont cable (21cm) |
| | 30 1 x USB cable (52cm) |
| | 31 1 x Adjustable potentiometer |
| | 32 4x Mounting nuts & bolts |
| | 33 1 x 595 IC SHIFT REG 16-pin |
| | 34 1 x IR remote transmitter |
| | 34 1x Resistor Colour Code Card |
| | 35 1 x 7-Segment 1-digit display |
| | 36 5 x Male to male red short |
| | 37 5 x Male to male yellow short |
| | 38 5 x Male to male black short |
| | 39 5x Male to male green short |
| | 40 5x Male to male gray long |
| | 41 5 x Male to male blue long |

Download the example Code and library: (107Mb)

https://www.mantech.co.za/Datasheets/Products/KE0084-5_KEYES.zip