



PRODUCT NAME : Robomart UNO R3+ Sensor V5 + IIC Module + LCD1602 Display

PRICE : Rs 2,349.00
SKU : RM2435



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DESCRIPTION

Robomart Uno for Arduino:

This is the new Arduino Uno R3. In addition to all the features of the previous board, the Uno now uses an ATmega16U2 instead of the ATmega8U2 chip. This allows for faster transfer rates and more memory. No drivers needed for Linux or Mac (inf file for Windows is needed and included in the Arduino IDE), and the ability to have the Uno show up as a keyboard, mouse, joystick, etc.

3.3V/5V Supply Voltage and IO Voltage is optional.

More 3.3V modules supported, such as Xbee module, Bluetooth module, RF module, GPRS module, GPS module, LCD5110 Backlight and so on, but the original version can only support 5V IO.

Add A6/A7 port.

Robomart R3 can directly use the electronic building blocks on I / O port and elicit G, V, S.

The Uno R3 also adds SDA and SCL pins next to the AREF. In addition, there are two new pins placed near the RESET pin. One is the IOREF that allow the shields to adapt to the voltage provided from the board. The other is a not connected and is reserved for future purposes. The Uno R3 works with all existing shields but can adapt to new shields which use these additional pins.

Arduino is an open-source physical computing platform based on a simple i/o board and a development environment that implements the Processing/Wiring language. Arduino can be used to develop stand-alone interactive objects or can be connected to software on your computer (e.g. Flash, Processing, MaxMSP). The open-source IDE can be downloaded for free (currently for Mac OS X, Windows, and Linux).

Features:

- ATmega328-AU microcontroller
- Input voltage - 7-12V
- 5V Electric current : 500MA
- 3.3V Electric current : 50MA
- 14 Digital I/O Pins (6 PWM outputs)
- 8 Analog Inputs
- 32k Flash Memory
- 16Mhz Clock Speed

Robomart Sensor Shield V5 (new version) has the COM and I2C (IIC) ports separated,so that both ports can be utilized at the same time to increase the possibilities of use.It allows you to connect to various modules like sensors, servos, relays, buttons, potentiometers and so on.

Robomart IIC 1602 is another great blue backlight LCD display. As the pin resources of Arduino controller is limited, your project may be not able to use normal LCD shield after connected with a certain quantity of sensors or SD card. However, with this I2C interface LCD module, you will be able to realize data display via only 2 wires. If you already has I2C devices in your project, this LCD module actually cost no more resources at all. It is fantastic for Arduino based project.