



**PRODUCT NAME :** Arduino Mega2560 R3+  
12864 LCD+Sensor Shield V5 Kit

**PRICE :** Rs 2,899.00

**SKU :** RM2419



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## DESCRIPTION

This is a new Robomart Mega2560 R3 kit, which is easy for Arduino fans and starters to plug and play, containing one Robomart Mega2560 R3, one Robomart 12864 128x64 Graphic Blue LCD ,one Robomart Sensor Shield V5. This kit helps you to save you much time to accomplish your goal.

### Robomart Mega2560 R3:

- \*1.0 pinout: added SDA and SCL pins that are near to the AREF pin and two other new pins placed near to the RESET pin, the IOREF that allow the shields to adapt to the voltage provided from the board. In future, shields will be compatible both with the board that use the AVR, which operate with 5V and with the Arduino Due that operate with 3.3V. The second one is a not connected pin, that is reserved for future purposes.
- \*Stronger RESET circuit.
- \*Atmega 16U2 replace the 8U2

### Robomart 12864 LCD:

This is a 128x64 liquid crystal display that support Chinese character , English characters and even graphics, very suitable for interactive work with Arduino.

- Voltage: 5V
- With Chinese font
- Blue backlit
- Controller: ST7920
- Size: 93x70mm

### Robomart Sensor Shield V5:

- Ready to plug & play.
- It can connect to various modules like sensors, servos, relays, buttons, potentiometers Each functional module has buckled port with VCC, GND and Output, which has corresponding port on the Sensor Shield, connected with a

plain 2.54mm dual-female cable you may start playing already. Buckled brick cables are like cement for bricks, make the connections easier, secure and more professional looking.

**Package List:**

1x Robomart 12864 LCD  
1x Robomart Sensor Shield V5  
1x Robomart Mega2560 R3  
1x USB Cable