## OKY2201

**Product Name:**   Mega 2560 R3 ATmega16U2 Mega Sensor Shield V1.0 V1Expansion Development Board For Arduino

**Product Module**：OKY2201

### Quick Details:

| Operating Voltage | 5VDC |
|---|---|
| Recommended Input Voltage | 7-12VDC |
| Weight | 40g |
| Size | 10cm x 5.5cm |

## Product Description:

◆   New MEGA Sensor shields V1.0 special Sensor extension board market on various extensions board advantages, which integrates the design, the PCB zedoary processing technology, main board not only will all digital and analog interface extend out in the form of steering gear line sequence, and AD hoc bluetooth module communication interface, SD card module communication interface, APC220 wireless rf module communication interface, and RB URF v1.1 ultrasonic Sensor interface, independence spread out more convenient and easy to use. For beginners do not have to have a headache for the complex circuit connection, extend the sensor plate in the true sense of simplifying the circuit, can easily will often connect with sensors, a sensor need only a general 3 p sensor cable (both digital and analog cable, cable), after finishing the circuit connection, write the corresponding download program to MEGA controller reads the sensor data, or receive wireless module comes back, after processing, eventually easily finish your own interactive work.

◆   PCB with first-class heavy gold processing

## Features:

◆   100% Brand new and high quality!
◆   Support IIC interface.
◆   Support 32 road Servo Motor Drive Shield interface.
◆   Support bluetooth module communication interface.
◆   Support Secure Digital Memory Card module communication interface.
◆   Support APC220 wireless rf modules communication interface.
◆   Support RB URF ultrasonic sensors interface.
◆   Support LCD serial and parallel interface.
◆   Support Kinds of interface and can be fully compatibled with for Mega.
◆   Best choice for yourself or your friend.You will not be disappointed!

## Support interface:

1.IIC interface.

2.32 road Servo Motor Drive Shield interface.

3.bluetooth module communication interface.

4.SD card module communication interface.

5.APC220 wireless rf modules communication interface.

6.RB URF ultrasonic sensors interface.

7.LCD serial and parallel interface.

8.Kinds of interface and can be fully compatibled with Mega 32 road Servo Motor Drive Shield interface for Arduino.

**Package Included**

1PCS X   MEGA Sensor Shield V1.0