



PRODUCT NAME : Grove Base Shield V2
for Arduino/Raspberry-Pi/Robot
ics

PRICE : Rs 790.00

SKU : RM1391



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DESCRIPTION

Grove Base Shield V2 for Arduino

As an expansion board, Base Shield v2 has many Grove connectors, making it convenient for you to use Grove products together. And It is compatible with a series of Arduino products.

Features

Power Compatible: Every Grove connector has four wires, one of which is Vcc. However, not every micro-controller main board needs a supply voltage of 5V, some need 3.3V. That's why we add a power switch to Base Shield v2. In this way, you can adjust the voltage of Vcc via this switch, making sure the voltage of Vcc is the same as supply power of the main board.

So While using Arduino UNO with Base Shield v2, please turn the switch to 5v position; While using Seeeduino Arch with Base Shield v2, please turn the switch to 3.3v.

Board Compatible: The number of pinout is the same as that of [Arduino UNO R3](#).

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 with both the board that uses the AVR, which operates with 5V and with the Arduino Due that operates with 3.3V. The second one is a not connected pin, that is reserved for future purposes. ---- According to Arduino UNO.

Attention: If using Base Shield v2 with Seeeduino V3, please solder the pads, P1 and P2.

For all Grove users (especially beginners), we provide you guidance PDF documents. Please download and read through [Preface - Getting Started](#) and [Introduction to Grove](#) before your using of the product.

Documents

Please visit our [wiki](#) page for more info about this product. It will be appreciated if you can help us improve the documents, add more demo code or tutorials. For technical support, please post your questions to our [forum](#).

ADDITIONAL IMAGES

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