Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Me Orion (Base on Arduino UNO)

SKU: 10021 Weight: 45.00 Gram

Description:

Makeblock Orion is an easy-to-use mainboard based on Arduino Uno with improvements for education. It provides eight RJ25 ports to connect to all the other Me series modules with color-labels, can save you from horrible pin-wiring and help you focus on inventor amazing projects. Makeblock Orion supports most of programming software (Arduino/ Scratch/ AduBlock), and we offer the customized graphical programming software (Scratch for Robot/ Makeblock HD App).

You can also find Makeblock Base Bracket which is compatible with Orion here.

Features:

- 100% Arduino compatible;
- Comes with Arduino library for easy programming;
- Working with mBlock inspired by Scratch 2.0, cover all ages people;
- Using RJ25 cable connect the Me series electronic modules, super easy to wiring;
- Modular installation, and compatible with LEGO Bricks;
- Two-channel motor driver integrated (Two channels additional with Me-motor driver through PORT_1&2)

Specification:

Operating Voltage: 6-12V DC power;
Microcontroller: ATmega238;
Detecting Angle: prefer at 30 degree angle;
Dimension: 80 x 60 x 18mm (Length x Width x Height);

Usage:

- Connect the Makeblock Orion and computer with micro-USB cable first. The first time you use Makeblock Orion, you need to install the USB interface driver.
- Makeblock Orion support PC and mobile device control.