12MM KEY MOUNTING HUB FOR MECANUM AND OMNI WHEEL
SG$19.70

These high quality universal Aluminum hubs are key-locked and loctited to the motor shaft. They are designed to connect a motor and a wheel. There is a groove of key locked for securing a motor to the hub. [Product Details...]

Triple Axis Accelerometer and Gyro Breakout - MPU-6050
SG$6.50

By combining a MEMS 3-axis gyroscope and a 3-axis accelerometer on the same silicon die together with an onboard Digital Motion Processorâ“¢ (DMPâ“¢) capable of processing complex 9-axis MotionFusion algorithms, the MPU-6050 does away with the cross-axis alig [Product Details...]

PmodGPS - GPS Receiver
SG$69.70

The PmodGPS is an ideal solution for any embedded system in need of satellite positioning accuracy. It features the GlobalTop Gms-u1LP GPS antenna module which utilizes the MediaTek GPS MT3329. [Product Details...]
The Me Ultrasonic Sensor V3.0 is the improvement version of Me Ultrasonic Sensor V2.0, better quality and perform more stable. Me Ultrasonic Sensor can be used to measure distance or obstacle avoidance, from 3cm to 4m. With the Arduino library we provide [Product Details...]

This kit is a handy accompaniment to your 6-pin Pmod. The extension cable lets you locate your Pmod away from its host board, and the included male gender changer can provide extra connectivity to both system and prototyping boards. [Product Details...]

This is a very basic 5mm LED with a blue lens. It has a typical forward voltage of 3.4V and a rated forward current of 30mA [Product Details...]

This is a 5 - 35 V, 2A Dual Motor Controller. It can bear larger current due to the increased heatsink dissipation. It is easy to control, using LGS's outstanding high-power motor driver chip, the L298N. This chip allows for direct drive of two bi-directi [Product Details...]
Nut 4mm (50-Pack)
SG$4.50
Nut 4mm - 50 pcs [Product Details...]

Proto Shield For Arduino UNO
SG$4.50
This is a design for an open-source prototyping shield for Arduino and other Arduino compatible boards. It has tons of cool features, to make prototyping on your Arduino easy. This shield include a breadboard. If you want other colorful breadboard, please [Product Details...]

JTAG-USB Programming Cable
SG$77.00
- Low-cost JTAG configuration & SPI communication solution
- Connects to a standard 6-pin JTAG or SPI programming header
- Works with Digilent Adept Suite & AVR Device Programmer software
- Programs devices that have a JTAG voltage of 1.8V or greater [Product Details...]

Raspberry Pi Camera Module
SG$17.70
The Raspberry Pi Camera Module is a custom designed add-on for Raspberry Pi. It attaches to Raspberry Pi by way of one of the two small sockets on the board upper surface. This interface uses the dedicated CSI interface, which was designed especially for [Product Details...]

XUP USB-JTAG Programming Cable
SG$207.50
Compatibel with Xilinx Platform Cable USB - programs all Xilinx® devices. Interfaces with 5V, 3.3V, 2.5V, 1.8V and 1.5V systems. Requires Xilinx iMPACT™ software for programming and configuration

**Coin Cell Battery Holder - 20mm (Sewable)**
SG$2.20

This is a coin cell holder for the common CR2032 type battery.

**TT Geared Motor DC 6V/200RPM - mBot**
SG$7.70

Makeblock TT Geared Motor DC 6V/200RPM is the new power source with plastic gears in Makeblock platform. This TT Geared Motor fits perfectly with Makeblock Plastic Timing Pulley 90T for the wheels system of DIY items. It can be used in Makeblock mBot as

**12mm x 9.5mm active buzzer 5V**
SG$0.80

12mm x 9.5mm active buzzer 5V

**V-slot Bearing (4-Pack)**
SG$29.70

Perfect for adding to the Makeblock slider. Makes the sliding system virtually friction-free. Diameters: 4mm (inside), 13mm (outside). Sold in pack of 4.
Flange Bearing 4x8x3mm (10-Pack)
SG$25.40
Flange Bearing 4x8x3mm - Perfect for adding to Timing Pulley 66T, Timing Pulley 90T, and Bracket P3. Makes the rotating part virtually friction-free. Diameters: 4mm (inside), 8mm (outside) [Product Details...]

Flora RGB Smart NeoPixel version 2 - Pack of 4
SG$12.50
Our favorite part of the Flora platform is these tiny smart pixels. Designed specifically for wearables, these updated Flora NeoPixels have ultra-cool technology: these ultra-bright LEDs have a constant-current driver cooked right into the LED package! Th [Product Details...]

Electret Microphone Amplifier - MAX4466 with Adjustable Gain
SG$11.70
This fully assembled and tested board comes with a 20-20KHz electret microphone soldered on. For the amplification, we use the Maxim MAX4466, an op-amp specifically designed for this delicate task! The amplifier has excellent power supply noise rejection, [Product Details...]

Heat Sink 11x11x5.5 Silver
SG$0.50
A heat sink is a passive heat exchanger that cools a device by dissipating heat into the surrounding medium. [Product Details...]