



PiSupply micro:bit Breakoutboard

Description

The Pi Supply micro:bit Breakout Board is an add-on board designed for the popular BBC micro:bit board. Plug your micro:bit into this breakout board and start experimenting

What are Octopus Bricks?

Pi Supply Octopus Electronic Bricks can be used to build electronics projects just as easy as piling bricks. You can also connect Arduino compatible boards easily with various digital, analog and I2C/Uart interfaces. The breadboardless connections let you connect expansion modules like potentiometers, sensors, relays, servos, buttons in a plug and play way.

Features

- Input voltage: 3.3V, Powered by the edge connector of micro:bit
 - Extend all of GPIO ports (P0~P16, P19~P20).
 - Beneath each I/O port, there are pins for VCC and GND. These pins are differentiated by colours, which enable you to connect extension modules. The spread of pins is fully compatible with Octopus series of products.
 - With a voltage boosting module, you can shift the working voltage of P8, P9, P11~P16 between 3.3V and 5V through the voltage switch.
 - Lead out serial port, I2C port and SPI port, among which I2C can connect 3 channels of I2C devices and SPI can connect 2 channels of SPI devices.
 - Available for direct serial port communication between two breakout boards.
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What included

- 1 x Octopus:bit breakout board