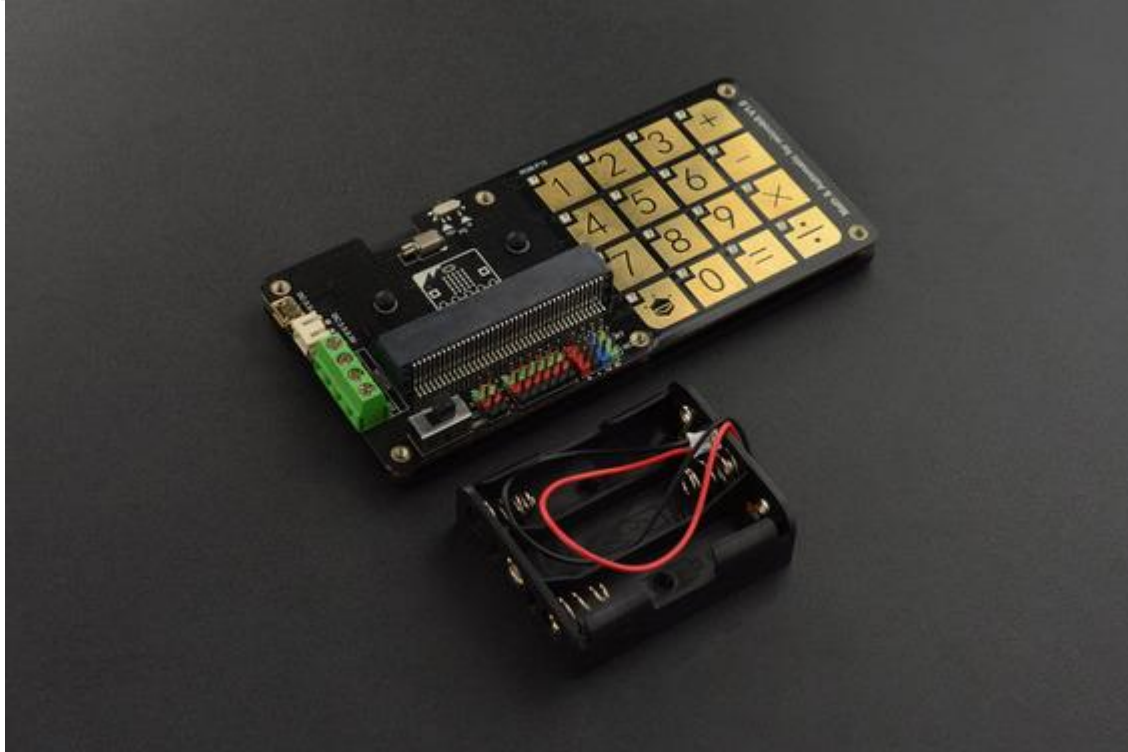




DFROBOT[®]
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micro:Touch Keyboard - Math & Automatic Touch Keyboard for micro:bit

SKU:MBT0016



INTRODUCTION

This is a Math & Automatic expansion board for [micro:bit](#). Easy to use, and suitable for a wide range of applications. We designed this board for two sorts of application scenarios: math game and automation control. The 16 programmable touch keys and RGB LEDs on the board offers rich function and flexible input and output. Besides, the board has 1 vibration motor, 1 buzzer, 2 motor ports, 2 servo ports and 9 expansion ports, which lays a foundation for using in automation controlling application.

FEATURES

Math Game:

- 1. Calculator
- 2. Quick Calculation
- 3. Math Reasoning Game
- 4. Lucky number
- 5. Twenty-One
- 6. Whack a Mole
- 7. The mystery of Dazzling Numbers



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More.....

Automatic Control:

- 1.RGB Waterfall Light
- 2.Touch Music
- 3.Password Lock
- 4.Motor Control System
- 5.Touch Remote Wireless Handle
- 6. Countdown Timer
- 7. Natural wind Electric Fan
- 8. NFC Password Entrance Guard
- 9. 2. 4G Multiplex Communication System

More.....

SPECIFICATION

- Power Input: 3.5~5.5V DC
- Touch key*16
- RGB LED *16
- Buzzer *1
- Buzzer Switch *1
- Motor Port *2
- Servo Port *2
- I2C *2
- UART *1
- GPIO: P0, P1, P2, P8, P12, P16
- Program Platform: Mind+、makecode
- Size: 136mm×65mm/5.35×2.56"