

Micro: Breadboard

MBT0009

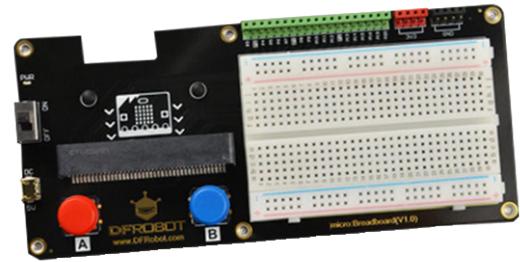
Product Overview

07-04-2022

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

DFRobot Micro:Breadboard is a micro:bit based expansion board specifically designed for STEM-starter. This board comes with a 3.23" x 2.17" breadboard, on which a circuit with all sorts of electronics components can be built. The IO ports of this board are led out in the form of pin header and female header.



The Micro:Breadboard features delicate appearance, rich pin interfaces, middle size, and micro USB 5V power interface.

This board supports visual programming, mind+, and python. The Micro:Breadboard is used in the applications such as light control lamp, smart doorbell, and temperature alarm.

Features

- Free from soldering, electronic components can be used repeatedly
- Micro USB 5V power interface
- Supports visual programming, mind+, and python
- IO ports are led out in the form of pin header and female header
- Easy to use
- Delicate appearance
- Middle size

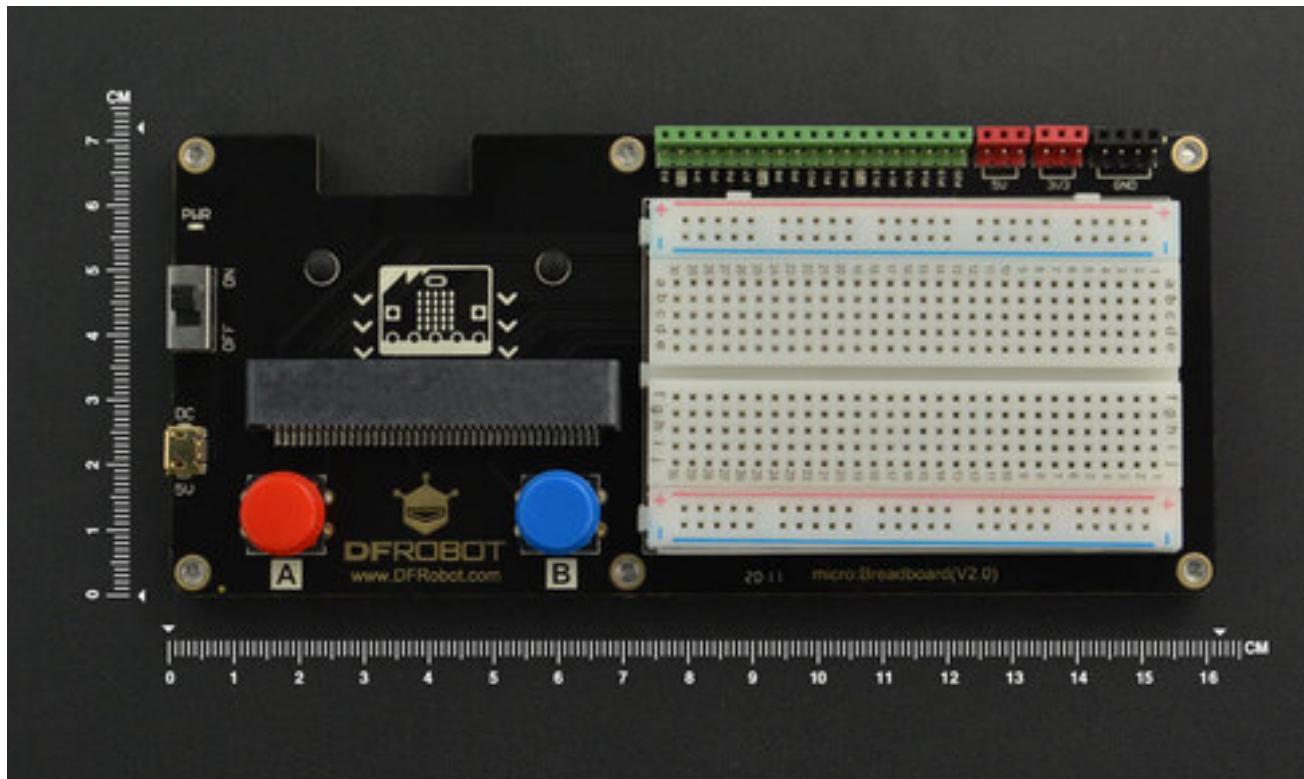
Specifications

<ul style="list-style-type: none">• 3.3V to 5V operating voltage range• 0V/3.3V digital output voltage• 0V to 3.3VDC analog output voltage• micro:bit interface x19• Power interface x4	<ul style="list-style-type: none">• 3.23" x 2.17" breadboard (middle size) x1• PWR indicator x1• On-board button (A/B) x2• 16.2cm x 7.2cm/6.38" x 2.83" dimension• M3 screw mounting hole
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Applications

- Light control lamp
- Smart doorbell
- Temperature alarm

Board Dimensions



Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/dfrobot/dfrobot-micro-breadboard/>