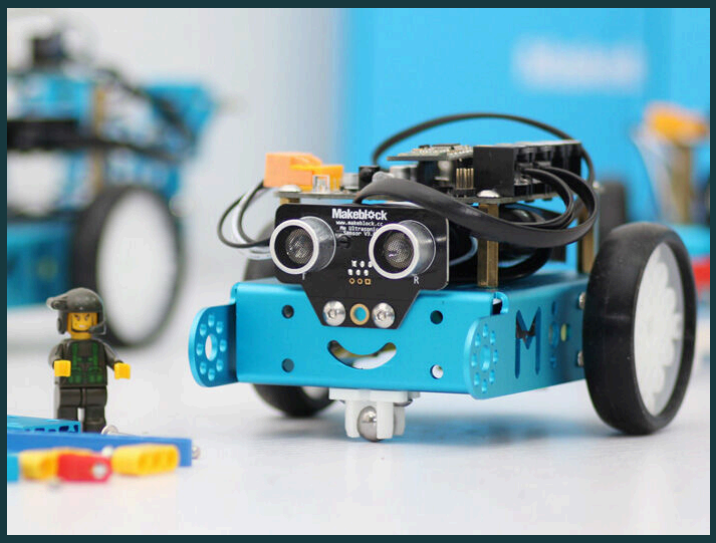
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INDUSTRIAL PRODUCT DATASHEET

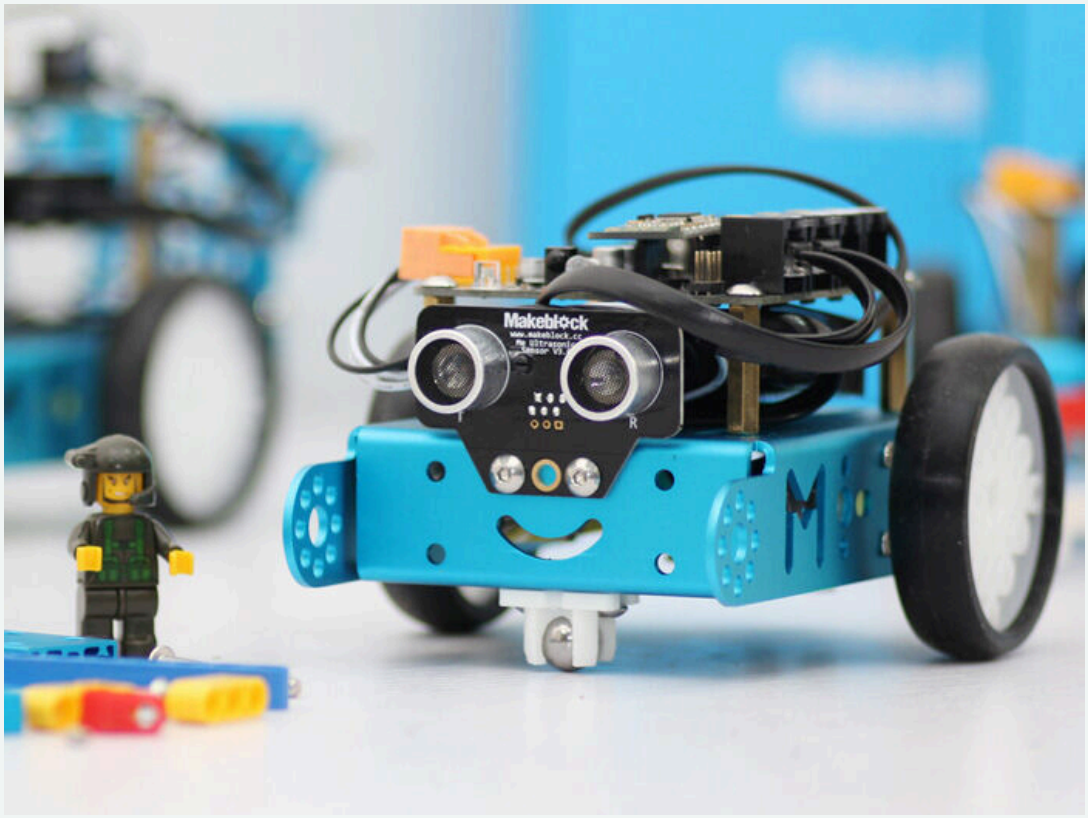
[EOL]-mBot-Blue (Nordic nRF51822)

Discontinued [EOL]-mBot-Blue STEM robot kit with Scratch 2.0 programming and Arduino compatibility.

SKU	UPDATED	PRICE
110090038	2024-08-09 01:56:40	$74.99(Excl. VAT)



Overview



The [EOL]-mBot-Blue (Nordic nRF51822) is an easy-to-assemble, Arduino-based robot kit for kids, offering hands-on STEM education in graphical programming and electronics. Discontinued and replaced by mBot v1.1 - Blue, it supported Scratch 2.0 and Arduino IDE, with Bluetooth/2.4GHz connectivity and compatibility with Makeblock and Lego parts.

Key Features

This product is discontinued, we have a new version mBot v1.1 - Blue (Bluetooth Version) for your reference.

mBot is a low cost, easy-to-run robot kit for kids to get hands-on experience about graphical programming, electronics, robotics. It is an all-in-one solution for robotics learning and designed for STEM education.

Cute shape with easy assembly is our goal. mBot contains only about 45 pieces in total, so it is easy to have a sense of achievement for kids to assemble in 10 mins quickly.

Features:

- Easy to assemble within 10mins
- Electronics are based on Arduino open source platform
- Supports IOS&Android App. Suitable for individual users and family
- Two programming tools: Arduino IDE and mBlock, a drag-and-drop programming tool based on Scratch 2.0
- Bluetooth or 2.4GHz wireless module included, without wire limited
- Easy and intuitive wiring with color-coded RJ25 connector
- 2 mm thick aluminum chassis, strong and compatible with Makeblock & Lego parts
- Free lessons are provided and increasing continually
- Achieve different fun projects like Wall avoidance, line following, games with other mBots, using sensors to play games in Scratch.

Applications:

- Build a wall avoidance robot
- Build a line follower robot
- Play some musical tones.
- Control the robot by remote control provided or standard TV remote
- IR communication with other mBots for robotic cooperation like dancing.
- Interact with Scratch, using sensors to play games and stories in Scratch 2.0.
- Controlled by App to play football or fight!

And more with Raspberry Pi or standard Arduino...

Specifications:

Part List:

Documents：

Software download

mBot instruction download

Course download

App download

**Line Follower Map download **

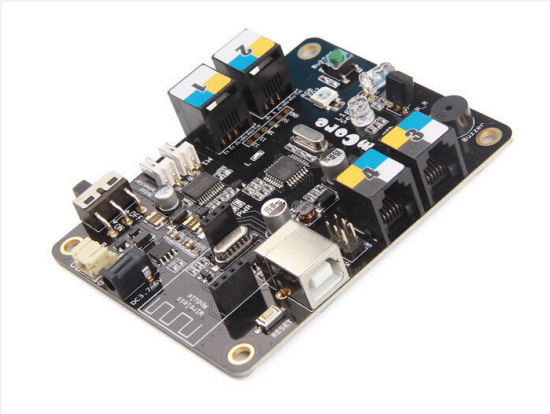
mBlock Kids maker rocks with robots

Scratch 2.0 The Adventures of Mike

For any technical support or suggestion, please kindly go to our **forum**.

Product Gallery



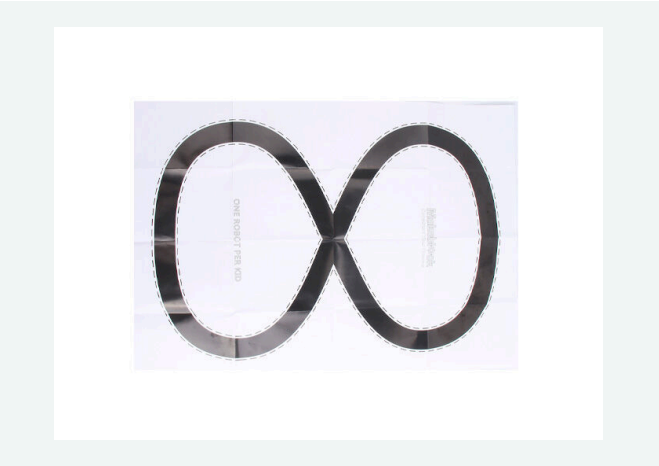












Part List

2 × Micro TT motor	1 × Universal wheel	1 x Me Ultrasonic sensor
1 × mCore	15 × Socket Cap Screw M4 x 8	1 x Me Line follower
2 × 90T Plastic Wheel	6 × Countersunk Screw M3 x 25	1 x Bluetooth module(dual mode)
2 × Tyre 90T B	8 × Nut M3	1X Instruction Book
2 × Velcro	4 × Self-drilling Screw M2.2 x 9.5	1X Line follower map
4 × Brass stud M4 x25	2 x 6P6C RJ25 cable-20cm	1 x IR Controller
1 × Chassis	1 x USB A-Male to B-Male Cable 1m	
1 × Battery holder 4 AA	1 × Screw driver	

Compliance & Logistics

HSCODE	9023009000

Resource Links

- https://www.seeedstudio.com/mBot-Blue-Bluetooth-Versio-p-2500.html

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