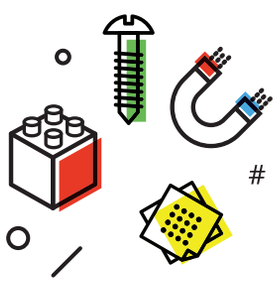
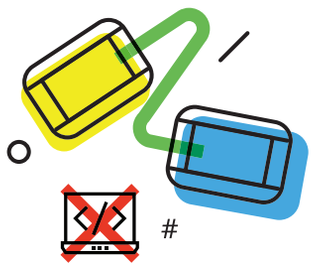
What is BOSON?

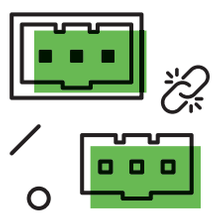
The DFRobot BOSON is a set of modular electronic building blocks designed for young inventors and steam teachers.



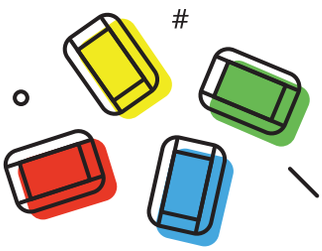
Compatible with LEGOs, magnets, screws and Velcro



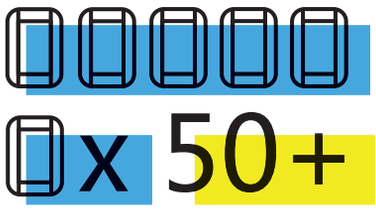
Coding-free electronic building blocks



Fool-proof easy to connect



Color-coded easy to distinguish



50+different modules with varying functions

BOSON Play, Learn, Invent!

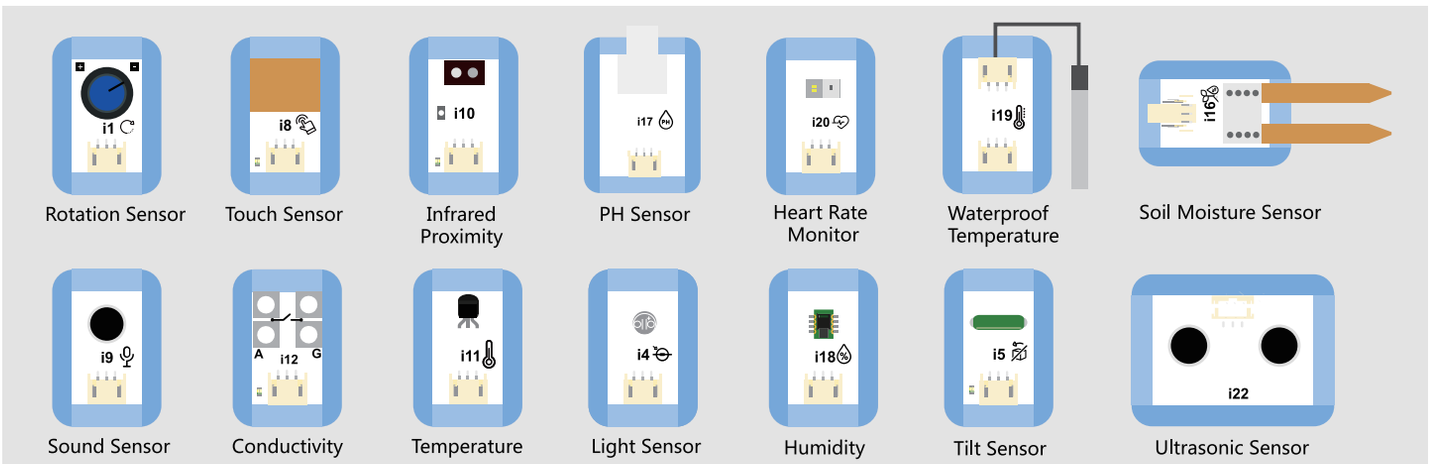
DFROBOT DRIVE THE FUTURE

BOSON

Science Kit

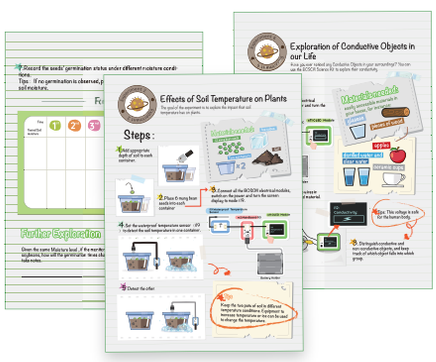
Electronic sensor set for future Einsteins

Experience real world applications of **chemistry**, **physics** and **biology**.

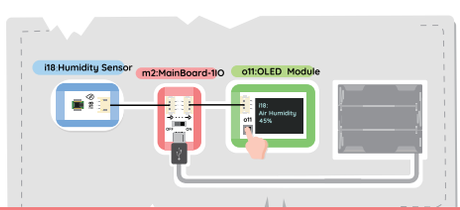


10 + High quality professional sensors exclusivly from DFRobot

Full tutorial with story "Survive on Mars"



12+ hands-on projects with plant growing worksheets



Coding free, plug & play

ARDUINO micro:bit

Compatible with micro:bit, Arduino and more

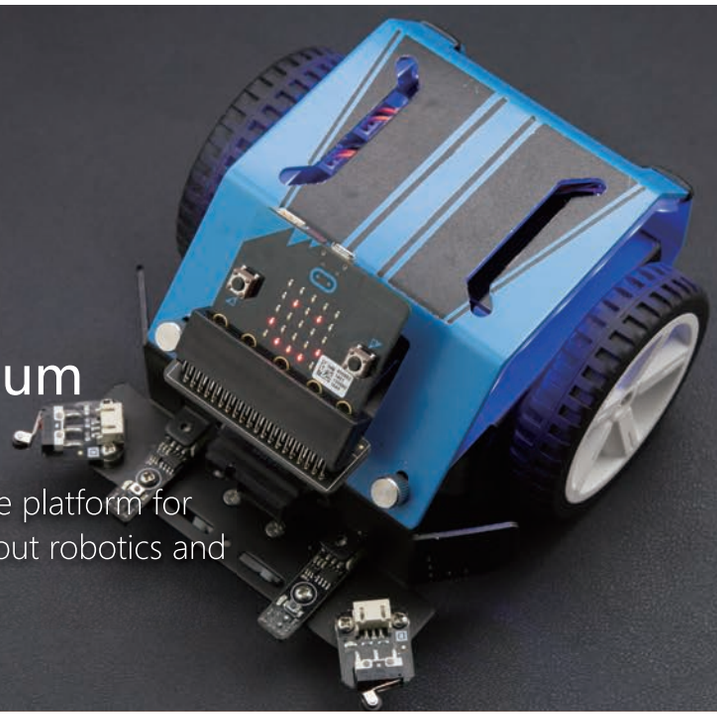
For more information, please contact:
Joy.Yang@DFRobot.com

DFRobot DFRobotcn

Max:Bot

Unleash micro:bit's Maximum Power in Robotics

Max:bot is a micro:bit based educational mobile platform for **students** and **young makers** to learn about robotics and **programming**.



Max:Bot is equipped with:

- 2-way motor;
- Linetracking sensor;
- Ultra-distance sensor ;
- Collision sensor;
- RGB LED strip;
- Loud speaker.

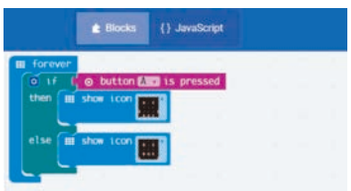
Featuring :

- Easy Assembly, Extra Durable, Excellent Mobility.
- Upgradable with 50+ Boson electronic modules.
- Project orientated step-by-step tutorial for comprehensive learning.

Program the micro:bit to drive your Max:Bot

Scratch
(7-13 Years old)

Python
(10-16 Years old)



Make Code Blocks Editor
(7-13 Years old)

Make Code JavaScript Editor
(10-16 Years old)

Max Bot is capable of following robotics applications

Basic:
Motion control
DIY music alert
DIY Light effect
Learn sensor

Intermediate:
Obstacle avoidance
Light chasing
Line Tracking
Wireless data transmission and remote control

Advanced:
Mobile Temperature Reporter
Motion Recognition Robot
.....

For more information,
Please contact: Joy.Yang@DFRobot.com

BOSON

micro:bit compatible building blocks

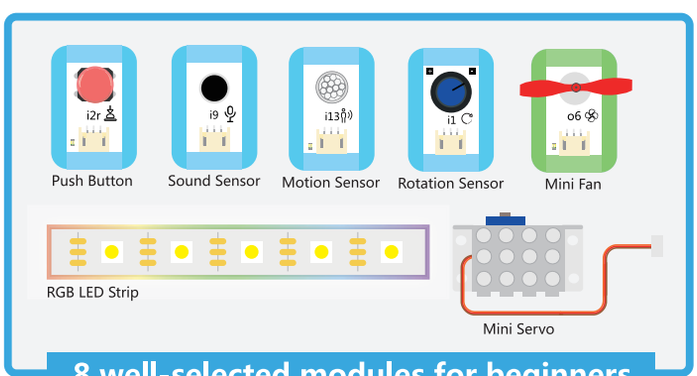
The Boson kit for micro:bit is a set of modularized electronic building blocks designed for **young inventors** and **STEAM educators**.

Boson Starter Kit for micro:bit

- 12+ hands-on STEAM project for comprehensive learning

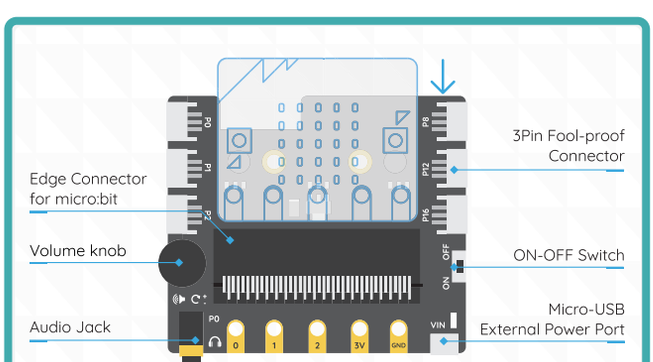
Quick Start manual

- Provided with sample code and connection diagram. Start your project in no time!



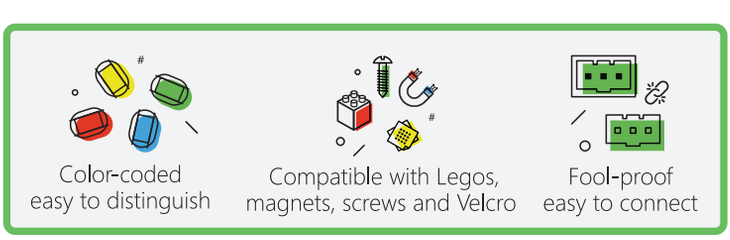
8 well-selected modules for beginners

- Sound, light and motion interaction



Boson:bit

- Plug & Play micro:bit Expansion Board



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