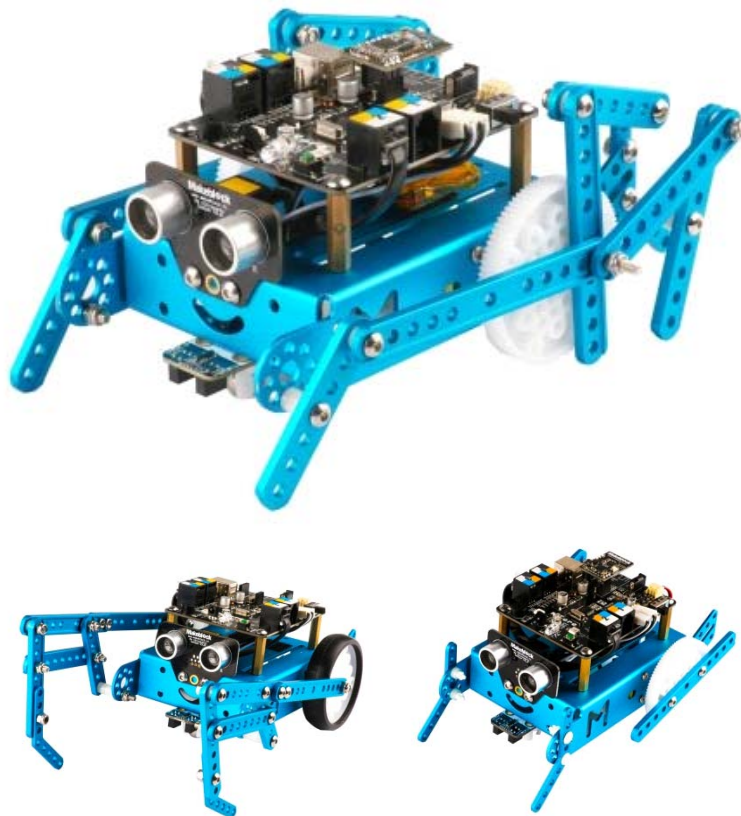




# mBot Add-on Pack - Six-legged Robot

SKU: 98050 Weight: 255.00 Gram



## What is mBot six-legged robot?

mBot six-legged robot is a 3-in-1 expansion pack based on mBot.

You can construct "Beetle", "Mantis" and "Crazy Frog" with mBot and the parts inside the pack.

The mBot six-legged robot makes mBot more vivacious and enjoyable. Let's get your six-legged robot move!

## Shape one: Beetle

A six-legged beetle that moves quickly.  
It turns around and attacks the enemy promptly!

## Shape two: Mantis

It quietly crawls, waving two arms disposedly.  
It is the hunter from the darkness,  
approaching you, and catching you...

## Shape three: Crazy Frog

A little crazy frog,  
dashes around so madly that,  
nobody can stop it.

Specifications	
SKU	98050
Model	mBot six-legged robot
Type	Expansion pack
Weight	255g (8.99oz)
Outer packing size (length×width×height)	100×60×150mm

Part List		
6 × Screw M4 x 8mm	8 × Screw M4 x 14mm	8 × Screw M4 x 22mm
4 × Screw M4 x 30mm	4 × Screw M4 x 35mm	8 × NutM4
16 × Lock Nut M4	12 × Plastic Spacer 4 x 7 x 10mm	14 × Plastic Spacer 4 x 7 x 3mm
24 × Rivet	2 × Beam0412-108-Blue	2 × Beam0412-092-Blue
6 × Beam0412-076-Blue	2 × Beam0412-060-Blue	2 × Plate 45°-Blue
1 × Wrench M5+M7		

### Assembling Step of the Six-Legged Robot

**1**

Plastic Spacer 4x7x10mm	x2
Screw M4*22	x2
Plastic Spacer 4*7*3mm	x4

Line Follower Sensor

Note: Remove the front wheel and the line follower sensor from mbot beforehand, then follow the instruction to start building.

**2**

Beam0412-076-Blue	x1
Screw M4*22	x1
Plastic Spacer 4*7*10mm	x1
Lock Nut M4	x1

**3**

Plate 45°	x1
Screw M4*9	x2
Nut M4	x2

**4**

Beam0412-060	x1
Screw M4*22	x1
Plastic Spacer 4*7*10mm	x1
Nut M4	x1

**5**

Screw M4*30	x1
Beam0412-092	x1

**7**

Beam0412-076	x1
Lock Nut M4	x1

**6**

Beam0412-108	x1
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**8**

Beam0412-076	x1
Lock Nut M4	x1
Screw M4*14	x1
Plastic Spacer 4*7*3mm	x1

**9**

Note: The self-drilling screw here is the same as the one in the original robot.

**11**

Lock Nut M4	x1
Screw M4*14	x1
Plastic Spacer 4*7*3mm	x1

**10**

Screw M4x35	x1
Lock Nut M4	x1
Plastic Spacer 4*7*10mm	x2

**12**

Lock Nut M4	x1
Screw M4*14	x1
Plastic Spacer 4*7*3mm	x1

Use the same method to build the other part on robot. Let's continue to build the six-legged robot.