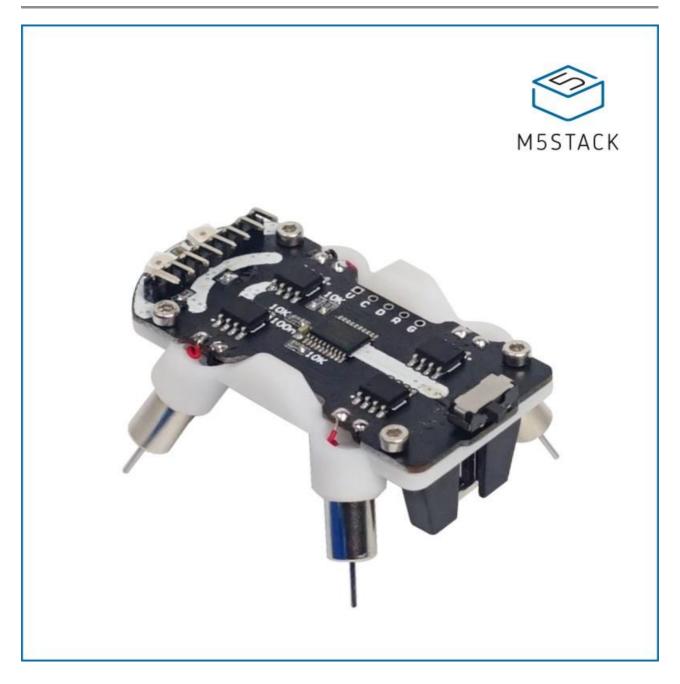# BugC (W/O M5StickC)

Description

BugC is a programmable robot base compatible with the M5StickC. This has four DC motors, motor driver, two RGB LEDs, battery holder and a switch. The Bugc base needs to be used in conjunction with the M5StickC controller. The base comes with an STM32F030F4 micro controller which controls all the motors and LEDs and this is controlled through I2C protocol(0x38) by the M5StickC which sits on top of the base.

Product Features

- remote control
- Programmable

- Four-way motor driver
- 4xGeared motors
- 2xRGB LEDs
- Simple and compact design
- Equipped with a battery holder
- Flexible movement in all directions

Weight and Size

- Size: 55mm * 40mm * 25mm

- Output shaft: ⌀0.81mm

- Weight：34g

Motor Specification

- Rated voltage: 3.7V DC

- Rated speed: 15000-2000rpm

- Rated current: 50mA

- Stall current: 70mA

- Insulation resistance: 10MΩ

Applications

- RC motor
- Robot control
- Smart and cognitive toys

Package Includes

- 1x BugC base
- 1x 16340 Battery(700mAh)