

# M5StickC Vibration HAT

The Vibration HAT is a vibration motor that is adapted to the M5StickC/C-Plus series. It consists of a cylindrical iron-core patch Z3OC1T8219731 motor. The motor speed is 12000 rpm. This product can achieve various vibration effects

**Product number** M5-U159

**Weight** 0.009kg



## Product description

The Vibration HAT is a vibration motor that is adapted to the M5StickC/C-Plus series. It consists of a cylindrical iron-core patch Z3OC1T8219731 motor. The motor speed is 12000 rpm. This product can produce various vibration effects, such as: increase or decrease the vibration strength, produce a "click" effect, produce various buzzing effects, and even vibrate with music/audio input. It can be used for all kinds of electronic products, e.g. as an information prompt or as touch feedback.

### Features

- The motor rotates clockwise
- Rotation speed: 12000RPM
- Compatible with StickC/C-PLUS
- Supported platforms UIFlow, Arduino.

### Scope of delivery

- 1x HAT vibrator
- 1 × double-sided sticker

### Specifications

Resources	Parameters
Vibrator	Z3OC1T8219731 Motor
Motor construction	4mm×3mm cylindrical core SMT motor
Motor Number of magnetic poles	2-pole ?inner magnet type?
Quoted voltage	3,0V
Rated current	85mA
Rated speed	12000RPM
Consumption voltage	2.3V-4.5V
Operating conditions	0~95%RH , 0-40?
Oscillation frequency	10 to 55Hz
Product size	24mm × 21mm × 14mm
Package size	136mm × 92mm × 14mm
Product weight	4,7g
Package weight	7,1g

## Product properties

<b>Gross Weight (kg)</b>	0.009
<b>Country of Origin</b>	China
<b>Brand</b>	M5Stack
<b>Product ID</b>	M5-U159
<b>Manufacturer ID</b>	U159
<b>EAN</b>	6972934174079
<b>Zolltarifnummer</b>	85011099

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