

Vibration Motor Module



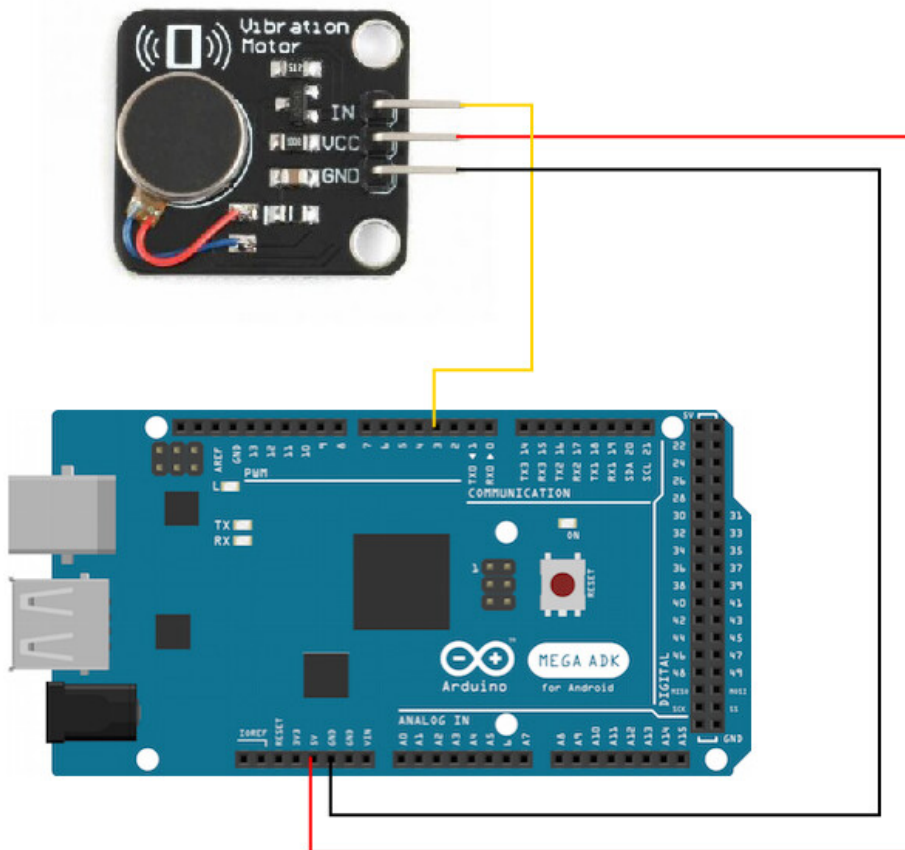
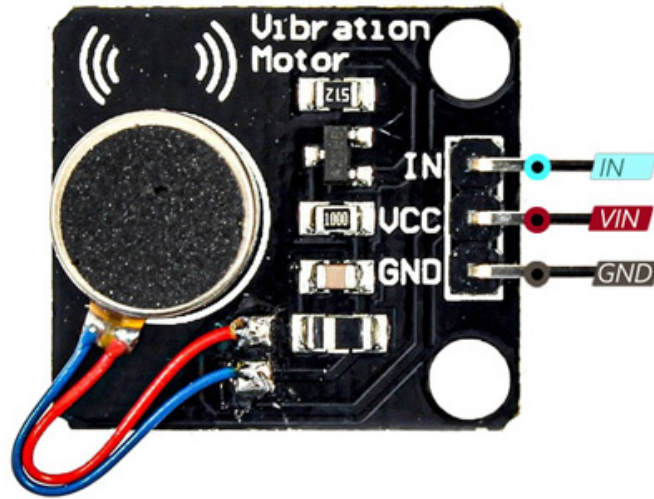
Features:

The Vibration Motor Module is a compact haptic feedback solution that uses a mobile-grade vibration motor. Operating between 3–6V DC and controllable via digital or PWM signals, this module converts electrical signals into mechanical vibrations, making it ideal for non-audible alerts. The module supports adjustable intensity through PWM and integrates easily with Arduino and other microcontrollers. It's suitable for use in wearable tech, gaming, mobile alerts, medical feedback systems, and interactive interfaces. Its high vibration efficiency, compact footprint, and reliable construction ensure consistent performance.

Specifications	
Motor Type	DC Vibration Motor
Rated Voltage	5.0 V DC
Operating Voltage	3.0 – 6.0 V DC
Starting Voltage	3.7 V DC
Rated Speed	≥9000 RPM
Rated Current	≤60 mA
Starting Current	≤90 mA
Insulation Resistance	10 MΩ
Vibration Frequency	~120Hz to 200Hz
Control Signal	Digital HIGH / PWM
Dimensions	23 × 21 × 5 mm
Mounting	2 holes, 3 mm diameter
Weight	~10 g
Compatibility	Arduino UNO R3, Mega2560
Application	Haptic feedback, silent alerts

Pinouts:

Pin Name	Type	Description
IN	Input	Digital or PWM control signal
VCC	Power	Power supply input (3.0 – 6.0 V DC)
GND	Power	Ground connection



Product Pictures:

