

## Vibro Motor 3 Click



PID: MIKROE-4356

Vibro Motor 3 Click is a compact add-on board that makes an ideal solution for adding simple haptic feedback in any design. This board features the G0832022D, a coin-sized linear resonant actuator (LRA) that generates vibration/haptic feedback in the Z plane, perpendicular to the motor's surface from Jinlong Machinery & Electronics, Inc. Driven by a flexible Haptic/Vibra driver the DRV2605, the G0832022D vibrates in the Z-axis, which is perpendicular to the face of the vibration motor. It draws only 19mA at 0.6V while producing a G force of 0.55 GRMS, making it ideal for battery-powered wearables. This Click board™ makes an excellent choice for devices with limited battery capacity and for users where crisp haptic feedback and low power consumption are required.

Vibro Motor 3 Click is supported by a [mikroSDK](#) compliant library, which includes functions that simplify software development. This [Click board™](#) comes as a fully tested product, ready to be used on a system equipped with the [mikroBUS™](#) socket.

Mikroe produces entire development toolchains for all major microcontroller architectures.

Committed to excellency, we are dedicated to helping engineers bring the project development up to speed and achieve outstanding results.



ISO 27001: 2013 certification of informational security management system.  
 ISO 14001: 2015 certification of environmental management system.  
 OHSAS 18001: 2008 certification of occupational health and safety management system.



ISO 9001: 2015 certification of quality management system (QMS).

## Specifications

Type	Haptic
Applications	Can be used for applications with limited battery capacity and for users where crisp haptic feedback and low power consumption are required.
On-board modules	Vibro Motor 3 Click is based on the G0832022D, a coin-sized linear resonant actuator that generates vibration/haptic feedback in the Z plane, perpendicular to the motor's surface from Jinlong Machinery & Electronics, Inc.
Key Features	Low power consumption, vibration force in Z-axis, high reliability, excellent choice for devices with limited battery capacity, and more.
Interface	I2C,PWM
ClickID	No
Compatibility	mikroBUS
Click board size	M (42.9 x 25.4 mm)
Input Voltage	3.3V or 5V

## Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click boards™](#)

## Downloads

[Vibro Motor 3 click example on Libstock](#)

[Vibro Motor 3 click 2D and 3D files](#)

[G0832022D datasheet](#)

[DRV2605 datasheet](#)

[Vibro Motor 3 click schematic](#)

Mikroe produces entire development toolchains for all major microcontroller architectures.

Committed to excellency, we are dedicated to helping engineers bring the project development up to speed and achieve outstanding results.



ISO 27001: 2013 certification of informational security management system.  
 ISO 14001: 2015 certification of environmental management system.  
 OHSAS 18001: 2008 certification of occupational health and safety management system.



ISO 9001: 2015 certification of quality management system (QMS).