

Vibro Motor 4 Click



PID: MIKROE-4825

Vibro Motor 4 Click is a compact add-on board that makes an ideal solution for adding simple haptic feedback in any design. This board features the G1040003D, a coin-sized linear resonant actuator (LRA) that generates vibration/haptic feedback from Jinlong Machinery & Electronics, Inc. Driven by a flexible Haptic/Vibra driver, the DRV2605, G1040003D vibrates in the Z-axis, which is perpendicular to the face of the vibration motor. It draws a maximum of 170mA while producing the highest G force/vibration energy of 2 GRMS. This Click board™ makes an excellent choice for devices with limited battery capacity and for users who require crisp haptic feedback and low power consumption.

Vibro Motor 4 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 devices with limited battery capacity and for users who require crisp haptic feedback and low power consumption
On-board modules	VG1040003D - coin-sized linear resonant actuator that generates vibration/haptic feedback in the Z plane perpendicular to the motor's surface from Vybrionics
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
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 4 click example on Libstock](#)

[Vibro Motor 4 click 2D and 3D files](#)

[DRV2605 datasheet](#)

[Vibro Motor 4 click schematic](#)

[VG1040003D datasheet](#)

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).