



Grove - Haptic Motor

SKU 105020011

More vibration effects Facilitate the process of prototyping Easy-to-use library with 123 kinds of vibrating modes Powerful driver to implant more advanced functions

Grove - Haptic motor is a Grove module integrated with DRV2605L which will give your project more feelings. This motor is specially designed for various effects, such as to ramp the vibration level up and down, for wearable and IoT devices. Right we have developed an easy-to-use library which can simulate 123 kinds of vibrating modes in total and this will make your prototyping very quickly. Also, you can develop more advanced functions with the driver DRV2605L which improves actuator performance in terms of acceleration consistency, starting time, and brake time and is accessible through a shared I2C compatible bus or PWM input signal.

Features

- More vibration effects.
- Facilitate the process of prototyping.
- Easy-to-use library with 123 kinds of vibrating modes.
- Powerful driver to implant more advanced functions.

Specification

Operating voltage	3.3~5.0 V
Ripples (at maximum power)	50~100 mV
Max power	750 mW
I2C speed	100 kHz
Vibration effects	123 types
Driver	DRV2605L
Port	I2C
Default I2C Address	0x5A

Application ideas

- Mobile phones and tablets.
- Wearable devices.
- Remote controls, touch-enabled devices.
- Industrial human-machine interfaces.

Technical details

Dimensions	130mm x90mm x10.5mm
Weight	G.W 12g
Battery	Exclude

Part List

Grove - Haptic Motor	1
----------------------	---

ECCN/HTS

ECCN	EAR99
HSCODE	8503001000
USHSCODE	8501206000
UPC	841454118060
ROHS	1



