

Accel2 click



PID: MIKROE-1905

RS Product Code: [136-0742](#)

Accel 2 click carries ST's LIS3DSH IC, a low-power factory-calibrated three-axis accelerometer which embeds a FIFO buffer and two programmable state machines. It allows you to implement gesture recognition. User-defined programs can distinguish movement patterns like shake and double shake, face up and face down, turn and double turn, and activate an interrupt upon their execution. You can also switch between I2C and SPI interfaces for communicating with the target board MCU (by soldering the on board jumpers in the appropriate positions). Accel 2 click is designed to use a 3.3V power supply only.

Specification

Product Type	Motion
Applications	Ideal for motion control user interfaces. Also, pedometers, display orientation detectors and so on
On-board modules	ST's LIS3DSH IC
Key Features	FIFO buffer and embedded state machines
Key Benefits	Can be programmed to recognize user defined motion patterns. Low power consumption
Interface	I2C or SPI
Power Supply	3.3V
Compatibility	mikroBUS
Click board size	S (28.6 x 25.4 mm)
Weight	29g

Downloads

[Accel 2 click - Example](#)

[Accel 2 click - User Manual](#)

[Mikroelektronika MEMS Senors Tutorial](#)