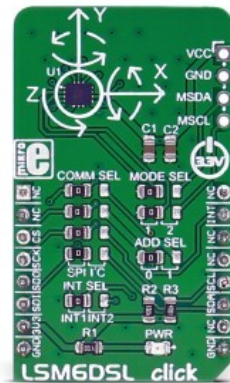


LSM6DSL Click



PID: MIKROE-2731

LSM6DSL click measures linear and angular velocity with six degrees of freedom. It carries the [LSM6DSL](#) high-performance 3-axis digital accelerometer and 3-axis digital gyroscope. The click is designed to run on a 3.3V power supply. LSM6DSL click communicates with the target microcontroller over SPI or I2C interface, with additional functionality provided by the INT pin on the mikroBUS™ line.

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 | Motion |
| Applications | Motion tracking and gesture detection, indoor navigation, vibration monitoring and compensation, etc. |
| On-board modules | LSM6DSL |
| Key Features | Power consumption: 0.4 mA in combo normal and 0.65 mA in combo high-performance mode; hard, soft ironing for external magnetic sensor corrections |
| Interface | I2C,SPI |
| ClickID | Manifest,No |
| Compatibility | mikroBUS |
| Click board size | M (42.9 x 25.4 mm) |
| Input Voltage | 3.3V |

Resources

[mikroBUS™](#)

[Click board™ Catalog](#)

[Click Boards™](#)

Downloads

[LSM6DSL click schematic](#)

[LSM6DSL datasheet](#)

[LSM6DSL click example on Libstock](#)

[LSM6DSL click 2D and 3D files](#)

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