

ACCELEROMETER & GYROSCOPE LSM6DS3 6-DOF BREAKOUT



Weight 2,08 g

DESCRIPTION

Embrace the fascinating world of motion tracking with our Accelerometer & Gyroscope LSM6DS3 Breakout! This handy little board integrates a 3D accelerometer and a 3D gyroscope, allowing you to monitor both linear acceleration and rotational motion in your projects. Despite its compact form, it packs a punch with high-resolution measurements of up to ± 16 g and ± 2000 dps respectively. Whether you're building a gesture-controlled robot, a fitness tracker, or a drone, our LSM6DS3 breakout is here to ensure precision and reliability in every motion tracking task.

But it's not just about tracking movement. Our LSM6DS3 breakout comes with an array of impressive features to add extra layers of sophistication to your projects. It features an embedded temperature sensor, providing crucial temperature data in environments where accurate motion tracking is a must. Additionally, it boasts a FIFO (First In, First Out) buffer that allows you to store and manage data efficiently, offering you greater control over your motion tracking applications. The board uses I2C interface, providing compatibility with a multitude of microcontrollers.

Our LSM6DS3 breakout is a seamless blend of high performance and user-centric design. Operating on a supply voltage range of 2.5V to 3.6V, it is compatible with both 3.3V and 5V systems. Its low-power operating modes ensure optimal performance without significant energy consumption. Start your journey towards motion mastery with our Accelerometer & Gyroscope LSM6DS3 Breakout and add that unique engineering touch to your projects!

This breakout board comes with 2 easyC connectors which will simplify connection with microcontrollers. By using the easyC module connection system, forget about incorrectly connected or, in the worst case, damaged modules.

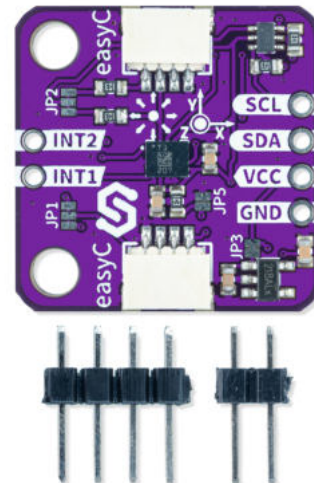
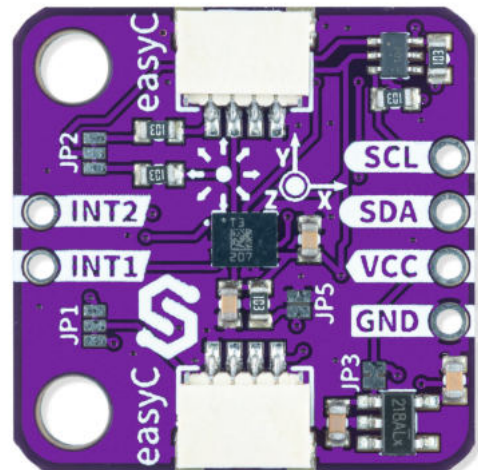
FEATURES

- 6-axis motion sensing
- Voltage: 3V3
- Accelerometer measurement range: $\pm 2/\pm 4/\pm 8/\pm 16$ g
- Gyroscope measurement range: $\pm 125/\pm 250/\pm 500/\pm 1000/\pm 2000$ dps
- 3D Digital Accelerometer and Gyroscope in a single package
- easyC connectors
- Dimensions: 22 x 22 mm / 0.9 x 0.9 inch

USEFUL LINKS

- [Datasheet](#)
- [Arduino Library](#)

OTHER IMAGES



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