Rust-Driver-MEMS

Data brief

Rust platform-independent drivers for MEMS sensors

Features

- Rust platform-independent drivers
- SPI and I²C interfaces supported
- Available in the STMicroelectronics public GitHub repository and on crates.io

Description

Platform-independent drivers, based on Rust programming language, are available in the source code in the STMicroelectronics public GitHub repository and on crates.io for MEMS motion sensors, environmental sensors, infrared sensors, and biosensors.

The repository contains drivers and examples, available as submodules, for MEMS sensors from STMicroelectronics. They are also published as standalone crates on crates.io.

The sensor drivers and examples are listed by device part number. The sensor drivers support SPI and I²C interfaces.

Integration details are available in the README section of the GitHub repository.

Revision history

Table 1. **Document revision history**

Date	Version	Changes
18-Aug-2025	1	Initial release

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