

Linux device drivers for MEMS motion and environmental sensors (Industrial I/O framework)



Features

- Linux device drivers for Industrial I/O (IIO) framework
- SPI and I²C interfaces supported
- Available in the STMicroelectronics public GitHub repository

Description

Linux device drivers for STMicroelectronics MEMS motion and environmental sensors, based on the Linux Industrial (IIO) device system, are available in source code in the STMicroelectronics public GitHub repository.

The repository contains the Linux device drivers, suitable for various LTS (long-term support) kernel versions. The sensor drivers are located under the directory `drivers/iio/stm` and organized by sensor type. The sensor drivers support SPI and I²C interfaces.

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

Product summary

Linux device drivers
for MEMS motion and
environmental sensors
(Industrial I/O framework)

LinuxDriverIIO

Revision history

Table 1. Document revision history

Date	Revision	Changes
07-Sep-2017	1	Initial release
19-Sep-2017	2	Removed Android sensor Hardware Abstraction Layer (HAL)
10-Sep-2019	3	Added Linux kernel versions v4.9, v4.14, and v4.19
06-Dec-2022	4	Updated Description regarding Linux kernel

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