



FreeMASTER sensor tool for industrial and medical sensors

Features

- MEMS sensor evaluation and data visualization
- Real-time sensors register control
- Real-time sensor output monitoring
- Sensor register page with bitmap access
- Lossless streaming
- Out-of-the-box sensor demonstration
- Development platform integration

Description

The **FreeMASTER Sensor Tool** is the sensor evaluation, data-visualization and application development software based on the NXP FreeMASTER framework for MEMS industrial, medical, and automotive non-safety sensors. The FreeMASTER sensor tool provides ease of use through a common development platform integration. This tool utilizes the FreeMASTER tool framework for GUI development and integrates with MCUXpresso SDK and ISSDK for embedded application development. The FreeMASTER sensor tool provides a quick out-of-box sensor demonstration and flexibility for end users to rapidly prototype customized GUIs.

Revision history

Table 1. Document revision history

Date	Version	Changes
02-Feb-2026	1	Initial release

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