

12-axis Freescale Sensor Reference Platform for Windows 8® ☆

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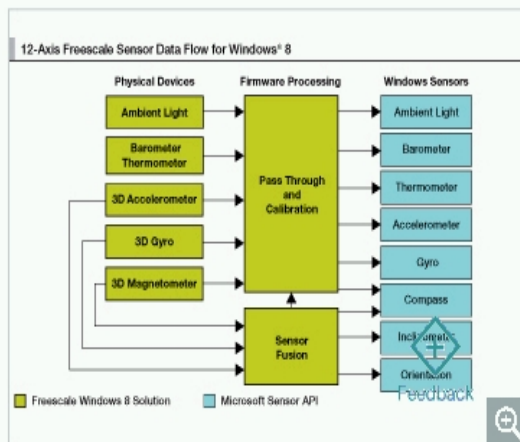

Freescale received [Windows 8 certification](#) for its innovative 12-axis sensor platform that extends the Microsoft Windows 8 mandate for sensor fusion. This complete hardware and software solution fuses accelerometer, magnetometer and gyroscope data using a Freescale ColdFire+ MCU for high quality. Optimal sensor fusion provides ease of integration for streamlined development including

hardware and software that supports Microsoft®.

Targeted for use in tablets, slates, laptops and other mobile devices, Microsoft's Windows 8 operating system expands capabilities for running smartphone and tablet applications with the computing power of a personal computer.

Features

- MCU + sensor breadth for a fully integrated hardware solution
- 12-axis solution helps customers differentiate
- Sensor fusion is essential to the Windows 8 system solution
- Ease of integration for streamlined development
- Low power is conducive for portable devices



Supported Devices

- MMA8451Q: $\pm 2g/\pm 4g/\pm 8g$, Low g, 14-bit Digital Accelerometer
- MPL3115A2: 50 to 110kPa, Absolute Digital Pressure Sensor
- MCF51Jx: ColdFire+ Jx family
- MAQ3110: Freescale High Accuracy, 3D Magnetometer

Featured Documentation

[WIINDOWS8FS: Windows 8 Freescale Sensor Reference Platform - Fact Sheet](#)

Current Updates and Releases

[SPWIN8VIEW: Freescale Sensor Platform Viewer](#)

Featured Video



12-Axis sensor platform for Windows 8 - Demo (03:13 min)

Microsoft Windows Hardware



Certificate for Freescale 12-axis Sensor Hub Platform

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