



$\pm 2g/\pm 4g/\pm 8g/\pm 16g$, Low-Power 12-Bit Digital IoT Accelerometer

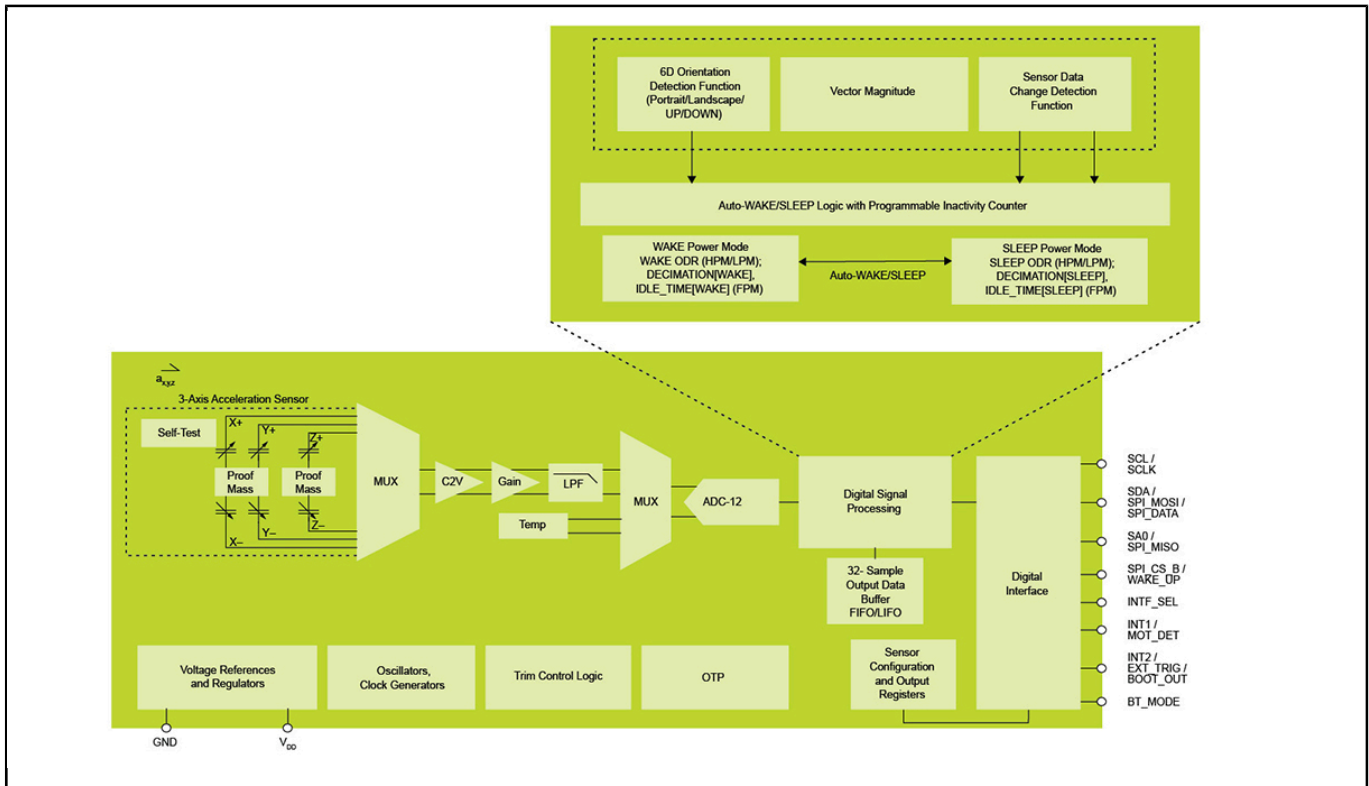
FXLS8974CF

Last Updated: Apr 15, 2024

FXLS8974CF is a compact 3-axis MEMS accelerometer designed for use in a wide range of industrial and medical IOT applications that require ultra-low-power wake-up on motion. The part supports both high-performance and low power operating modes, allowing maximum flexibility to meet the resolution and power needs for various unique use cases.

FXLS8974CF is available in a 2 mm x 2 mm x 0.95 mm 10-pin DFN package with 0.4 mm pitch and wettable flanks. The device is qualified to industrial standards over the extended $-40\text{ }^{\circ}\text{C}$ to $+105\text{ }^{\circ}\text{C}$ temperature range. The combination of sensor performance, system power-saving features, and extended over-temperature-range performance makes FXLS8974CF an ideal accelerometer for motion sensing in the IOT.

FXLS8974CF Accelerometer Block Diagram Block Diagram



View additional information for [±2g/±4g/±8g/±16g, Low-Power 12-Bit Digital IoT Accelerometer](#).

Note: The information on this document is subject to change without notice.

www.nxp.com

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2024 NXP B.V.