



±2g/±4g/±8g, Low g, 14-Bit Digital Accelerometer

FXLS8471Q

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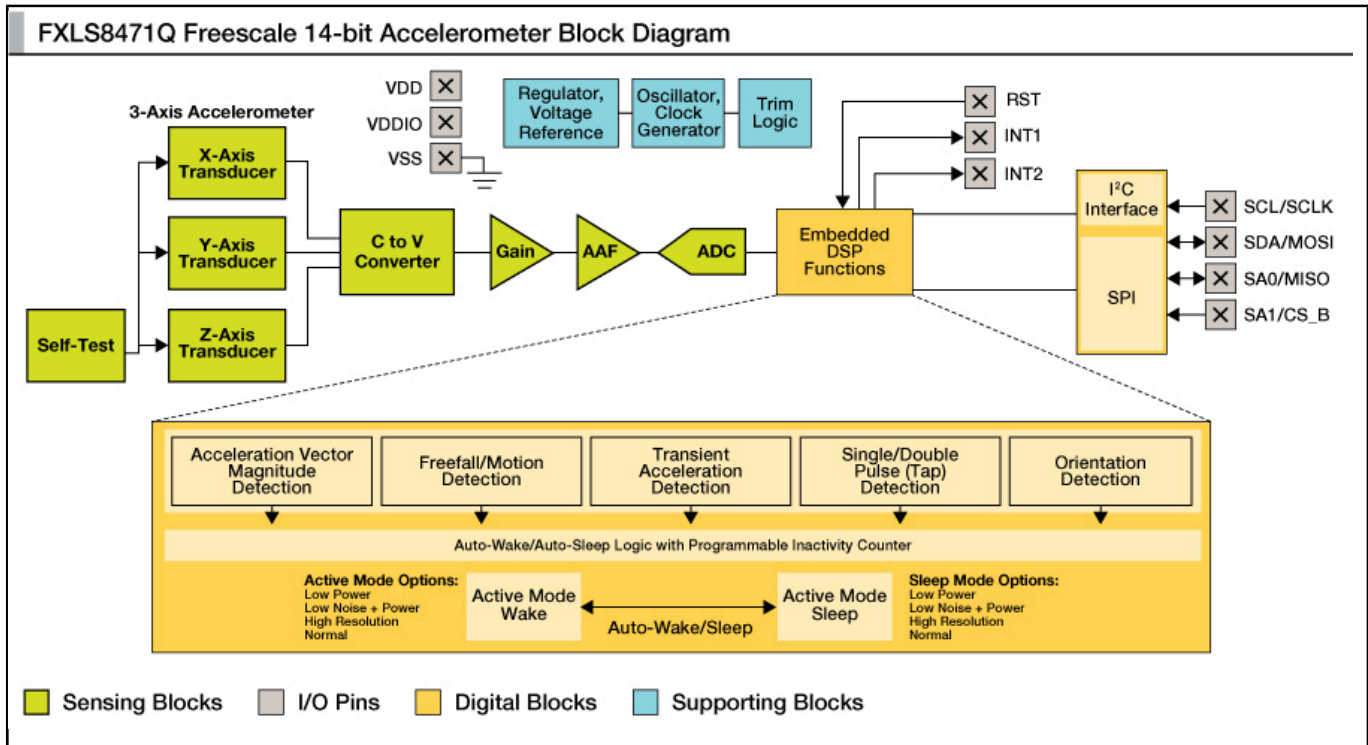
This product is in “End of Life” status, we recommend [FXLS8967AF](#) or [FXLS8974CF](#) as a replacement.

The FXLS8471Q accelerometer is highly versatile and ideal for industrial, consumer and automotive high-performance, low-g applications that offer noise density, board mount offset, temperature performance, and sensitivity.

Featuring:

- FXLS8471Q is AEC-Q100, Grade 2 qualified and guaranteed to operate over the extended temperature range of $-40\text{ }^{\circ}\text{C}$ to $+105\text{ }^{\circ}\text{C}$
- Integrated motion detection including tilt, shake and tap detection with a new vector magnitude output that simplifies implementation and reduces power consumption
- A serial peripheral interface that is pin-compatible with our I2C accelerometer portfolio

FXLS8471Q Xtrinsic 14-bit Accelerometer Block Diagram Block Diagram



View additional information for [±2g/±4g/±8g, Low g, 14-Bit Digital Accelerometer](#).

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

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