



# SPI $\pm 3.5$ g or $\pm 5.0$ g XY-Axis, Low-g, Digital Inertial Sensor

## MMA69xxKQ

### Not Recommended for New Designs

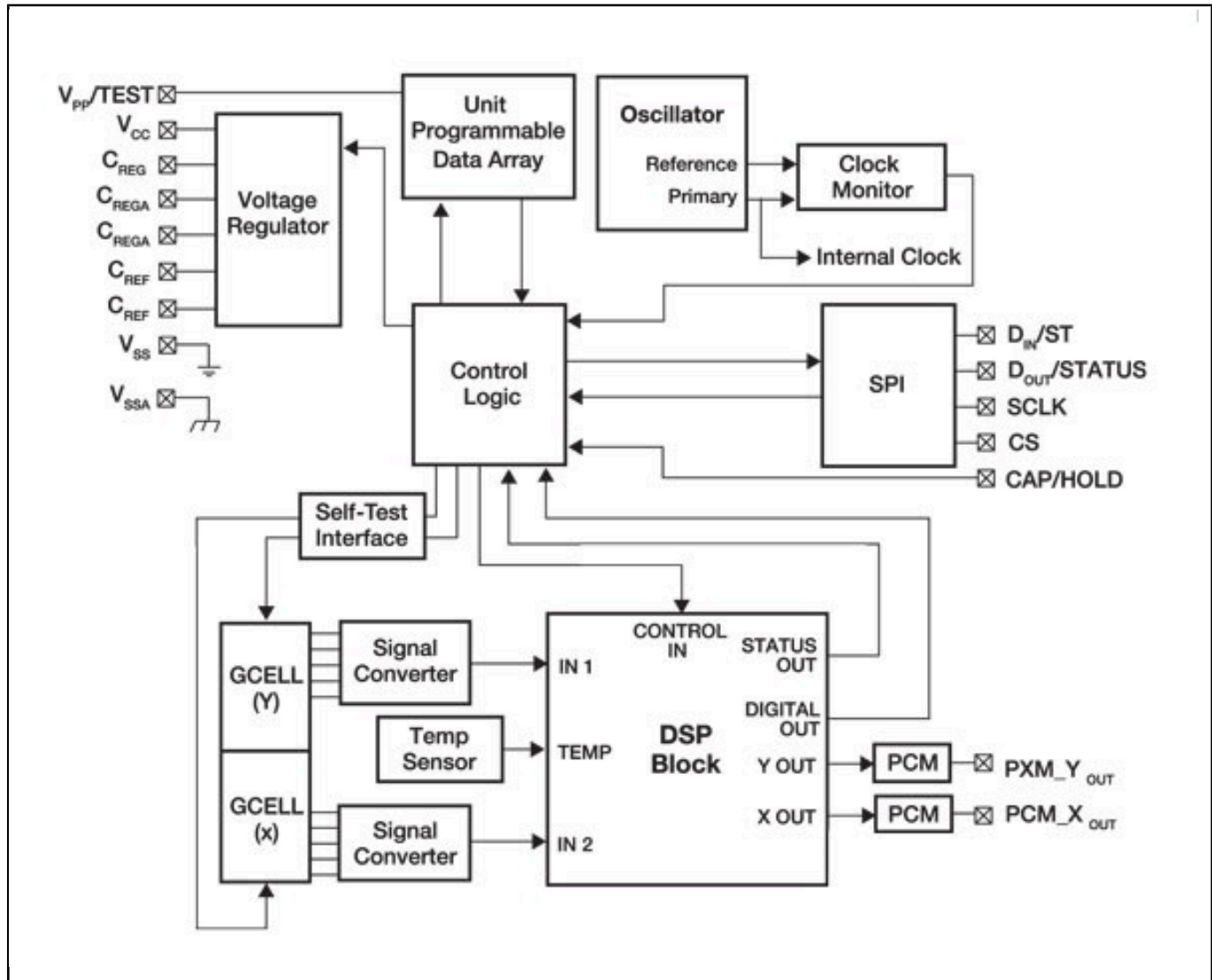
This page contains information on a product that is not recommended for new designs.

Last Updated: Sep 26, 2023

The MMA6900KQ ( $\pm 3.5$  g full-scale per axis), MMA6901KQ ( $\pm 5$  g full-scale per axis), and MMA6910KQ ( $\pm 3.5$  g full-scale per axis) sensors for automotive applications offer dual-axis, low-g solutions based on Our HARMEMS technology.

- Accommodates higher original signal noise levels without sacrificing resolution in Electronic Stability Control (ESC) designs
- Allows for additional processing of digital or analog signals
- Provides [SafeAssure](#) functional safety
- Supports serial peripheral interface (SPI)
- Reduces system costs and enhances passenger safety through central module integration

# Freescale MMA69xxKQ Acceleration Sensor Block Diagram Block Diagram



View additional information for [SPI ±3.5 g or ±5.0 g XY-Axis, Low-g, Digital Inertial Sensor](#).

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

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