



SPI ± 3.5 g or ± 5.0 g XY-Axis, Low-g, Digital Inertial Sensor

MMA69xxKQ

Not Recommended for New Designs

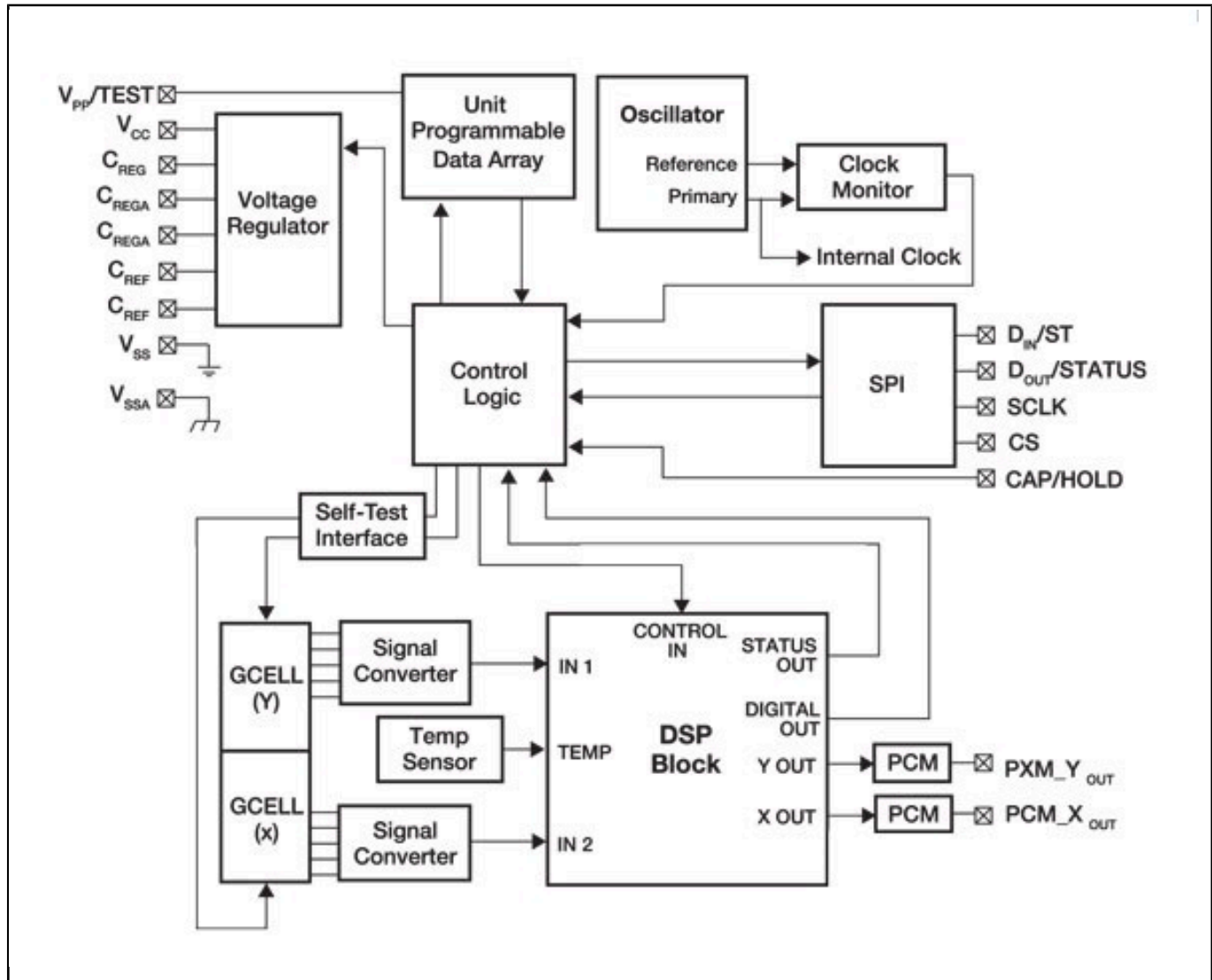
This page contains information on a product that is not recommended for new designs.

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The MMA6900KQ (± 3.5 g full-scale per axis), MMA6901KQ (± 5 g full-scale per axis), and MMA6910KQ (± 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 \$\pm 3.5\$ g or \$\pm 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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