



Angular Rate and Acceleration Combo Sensors: Auto Combinational Generation 1 Sensors

NCS101

Preproduction

This page contains information on a preproduction product. Specifications and information herein are subject to change without notice. For additional information [contact support](#) or your sales representative.

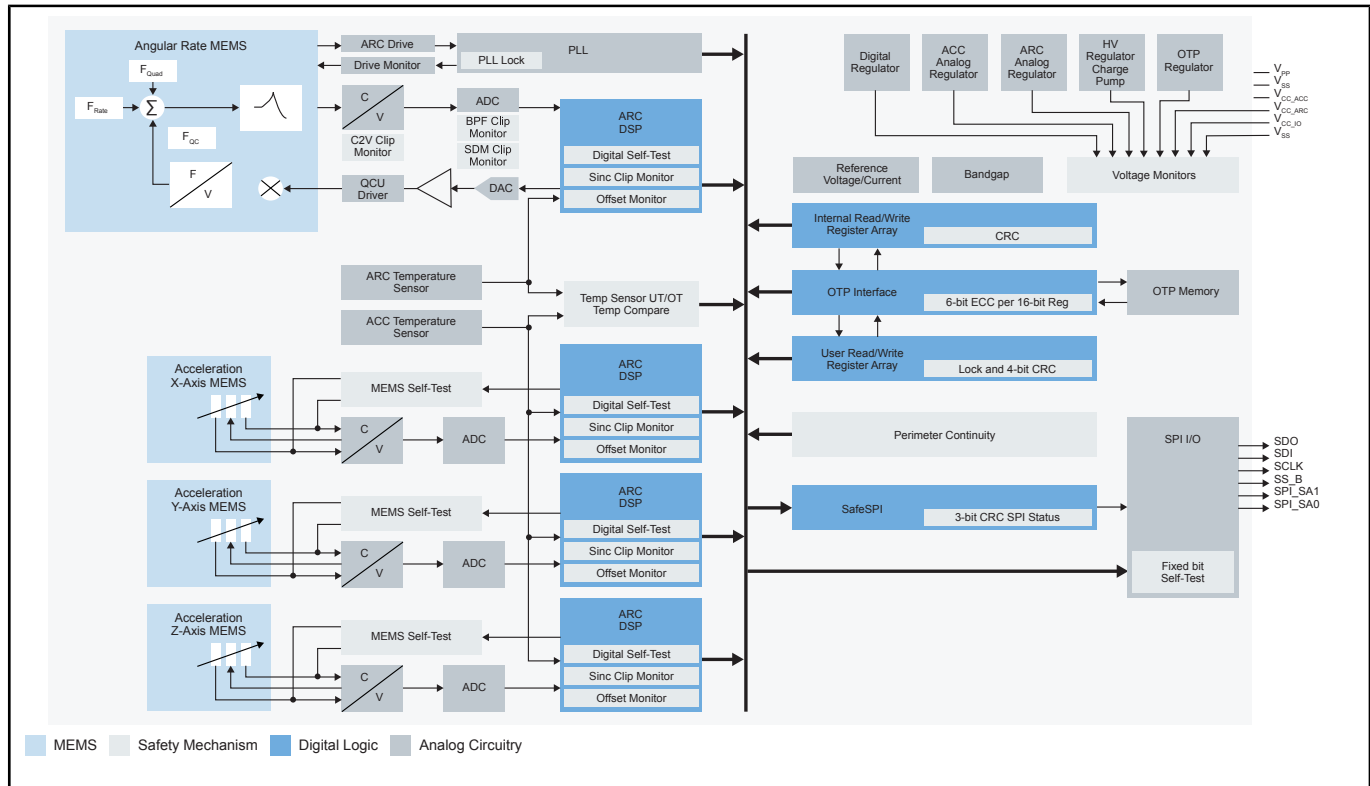
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The NCS101xx family is the first generation of active safety sensors for vehicle stability control.

The devices are designed using NXP's state-of-the-art architecture, with multiple outputs per sensing axis to enable simultaneous use in both active and passive safety solutions. The device features a compact package of 24-pin quad flat no-lead (QFN) 6 mm x 6 mm x 1.90 mm with inspectable solder joints. The NCS101xx family is fully Automotive Electronics Council (AEC)-Q100 qualified up to 105 °C operating temperature and is compliant with the International Organization for Standardization (ISO) 26262/Automotive Safety Integrity Level (ASIL) B and with a Safe Serial Peripheral Interface (SafeSPI) interface for use in systems up to ASIL D.

For additional information and sample availability, contact your local sales office.

NCS101xx System Overview Block Diagram



View additional information for [Angular Rate and Acceleration Combo Sensors: Auto Combinational Generation 1 Sensors](#).

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