



PSI5 Automotive Safety Digital Accelerometer

NXLS96 NEW

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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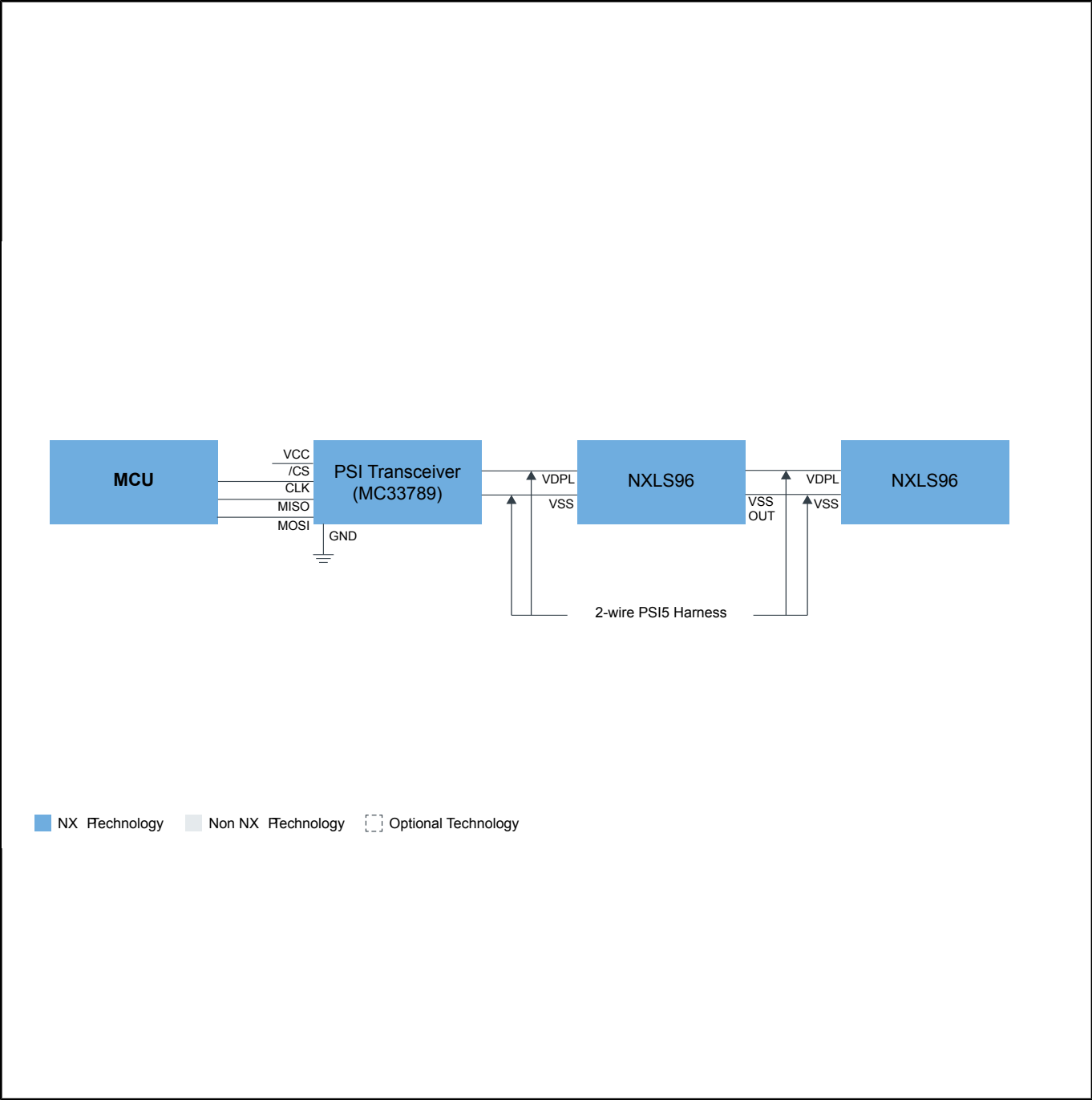
The NXLS96 family is the latest generation of airbag crash sensors from NXP. The devices are designed using NXP proprietary UMEMS sensing technology combined together with a signal conditioning ASIC in a QFN 4 x 4 x 1.45 mm package.

The devices feature a user PSI5 interface. They can measure acceleration in single or dual independent axis configuration from +/-15.5 g to +/-500 g. The embedded DSP provides fully programmable digital high and low pass filtering.

The NXLS96 family is fully AEC-Q100 qualified up to 125 °C operating temperature and is compliant with the AK LV 27 requirements. The package has wettable flanks for solder joint inspection. NXLS96 products have been developed following ISO26262 2018 edition and can be used in up to ASIL D system.

For additional information and sample availability, contact your local [sales office](#).

NXLS96 PSI5 Application Diagram Block Diagram



View additional information for [PSI5 Automotive Safety Digital Accelerometer](#).

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