# Multi-Channel (3) PMIC for Automotive Applications – 3 High Power, Fit for ASIL B Safety Level

## PF5023

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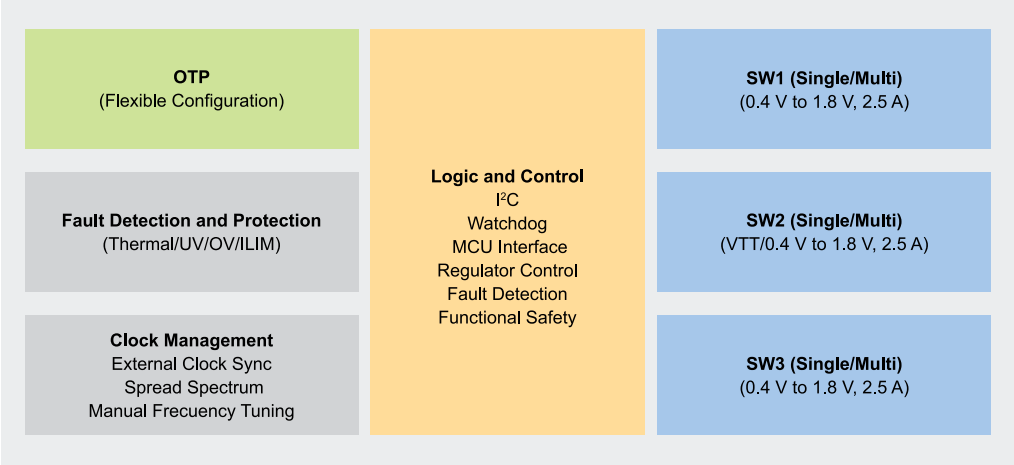
The PF5023 is NXP's multi-channel PMIC device designed to be used for high performance automotive and industrial applications. The PF5023 is also highly configurable making it a perfect companion and fit for various system level power requirements.

Integrated and independent voltage monitoring circuits ensure compliance with ISO 26262 standard and functional safety up to ASIL B level. The PF5023 is also available as a standard non-safety device for applications that don't require the ISO compliance.

The PF5023 is suitable for a variety of applications including infotainment, ADAS, vision, and RADAR either as a standalone power solution or also as a companion to another NXP PMIC like the PF8200 or an SBC like the FS8500.

This device is suitable for i.MX and S32 processors based applications.

## PF5023 Block Diagram




View additional information for Multi-Channel (3) PMIC for Automotive Applications – 3 High Power, Fit for ASIL B Safety Level.

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