



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

PF5023

Last Updated: May 25, 2023

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.

www.nxp.com

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2024 NXP B.V.