



PF5030 Safety PMIC Programming Socket Board

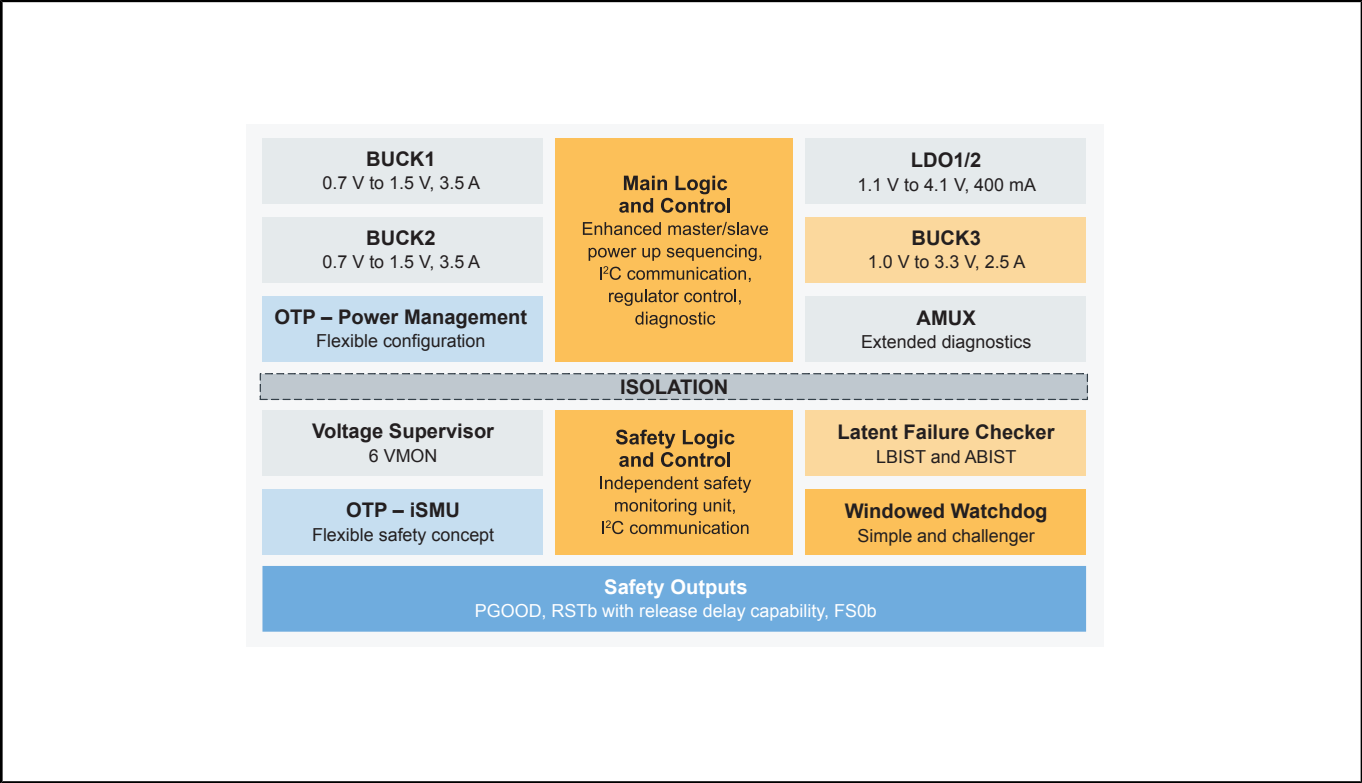
KITPF5030SKTEVM

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The KITPF5030SKTEVM provides easy customer configuration of the PF5030 device family, thanks to a QFN40 socket and flexibility to play with all the features of the device and make measurements on the main part of the application. All regulators are accessible through connectors. Nonuser signals, like DC/DC switcher node, are mapped on test points.

The PF5030 is a power management integrated circuit (PMIC) designed for S32Z2/E2 processors, offering scalability in power and safety, ideally attached to NXP front system supply families (FS86, FS6x, other). The KL25Z Freedom connected to the board, combined with the PF5030 NXP GUI software, allows to fully configure and control PF5030 PMIC. The board can be used in a standalone mode and controlled with an USB interface. Devices can be easily placed on socket to OTP emulation, functional testing or program OTP (one time programming) fuses when ready. In addition to the OTP programming, the customer can test all features (with power delivery limitation due to the socket). No extra tools or board are needed for PF5030 OTP programming.

Multi-Channel PMIC for Automotive Applications Block Diagram



View additional information for [PF5030 Safety PMIC Programming Socket Board](#).

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