9-Channel PMIC for High-Performance Applications, Fit for up to SIL 2

PF9455

Preproduction

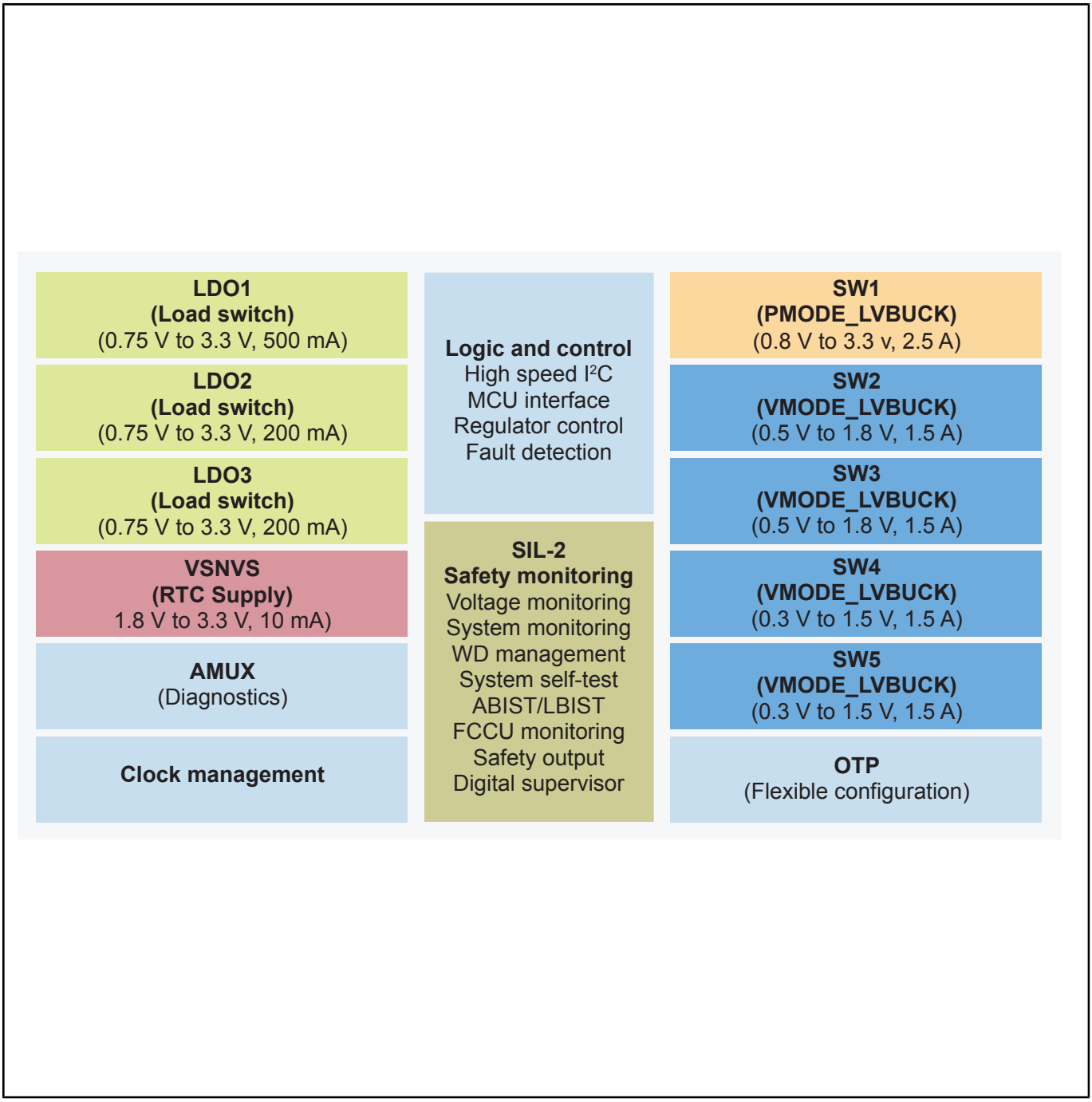
This page contains information on a preproduction product. Specifications and information herein are subject to change without notice. For additional information please contact your sales representative.

Last Updated: Oct 22, 2025

The PF9455 power management integrated circuit (PMIC) is optimized for high-performance i.MX94 based applications. It features five high-efficiency buck converters and four linear regulators for powering the processor, memory and miscellaneous peripherals. PF9455 provides low quiescent current in standby and low-power off modes.

The PF9455 is developed in compliance with industrial IEC 61508 safety standards, including safety features, with failsafe outputs and integrated self-test mechanisms, becoming part of a safety oriented system partitioning targeting high integrity safety levels up to industrial SIL 2.

PF9455 Multi-Channel PMIC for i.MX 94 Block Diagram



View additional information for 9-Channel PMIC for High-Performance Applications, Fit for up to SIL 2.

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