



9-Channel PMIC for High-Performance Applications, ASIL D and SIL 2

PF09

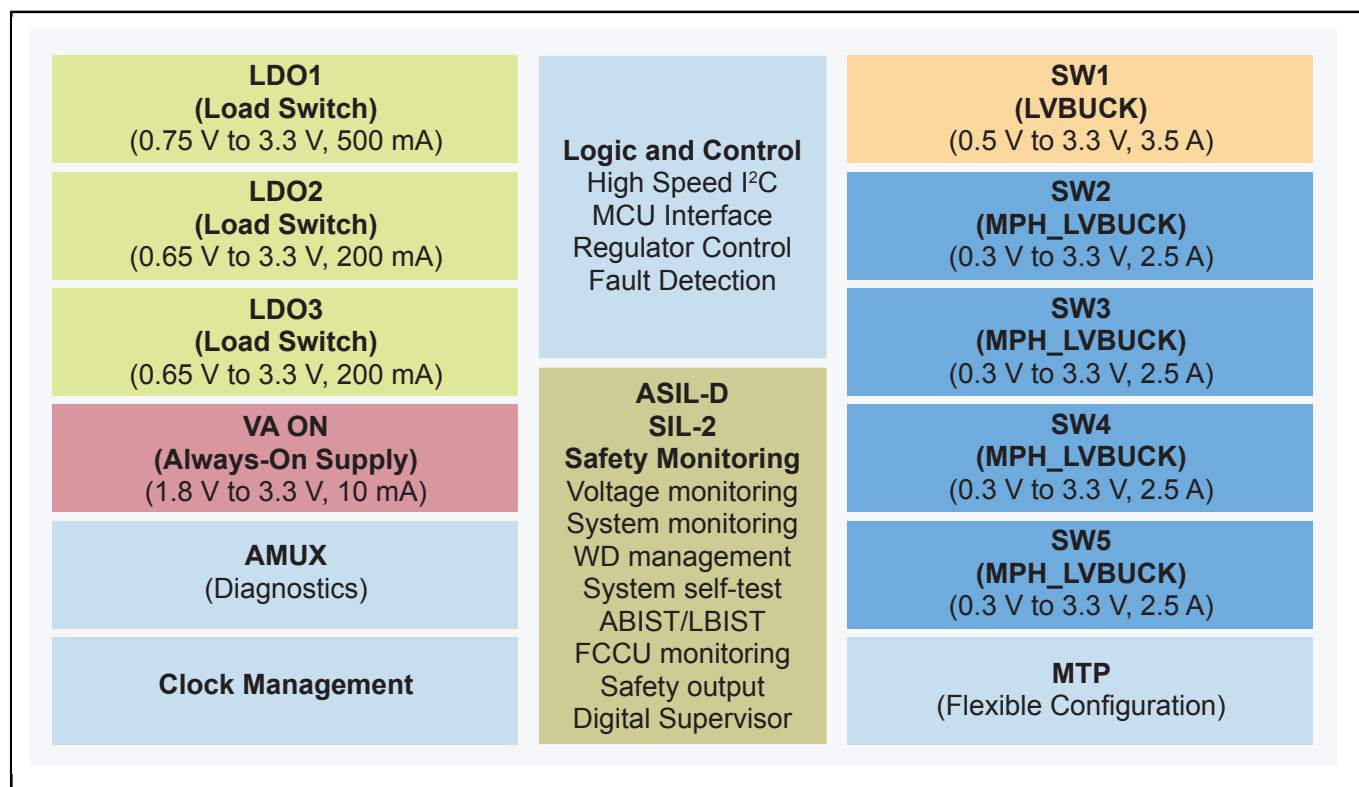
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The PF09 power management integrated circuit (PMIC) is optimized for high-performance [i.MX95](#) based applications. It features five high-efficiency buck converters and four linear regulators for powering the processor, memory and miscellaneous peripherals. PF09 provides low quiescent current in standby and low-power off modes.

The PF09 is developed in compliance with automotive ISO 26262 and 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 automotive ASIL D and industrial SIL 2.

PF09 Multi-Channel PMIC for i.MX95 Block Diagram



View additional information for [9-Channel PMIC for High-Performance Applications, ASIL D and SIL 2](#).

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