



# 24 V Vin PMIC with SIL 2 Safety Certification For Low Power MCUs in Industrial Application

VR249X **NEW**

## Preproduction

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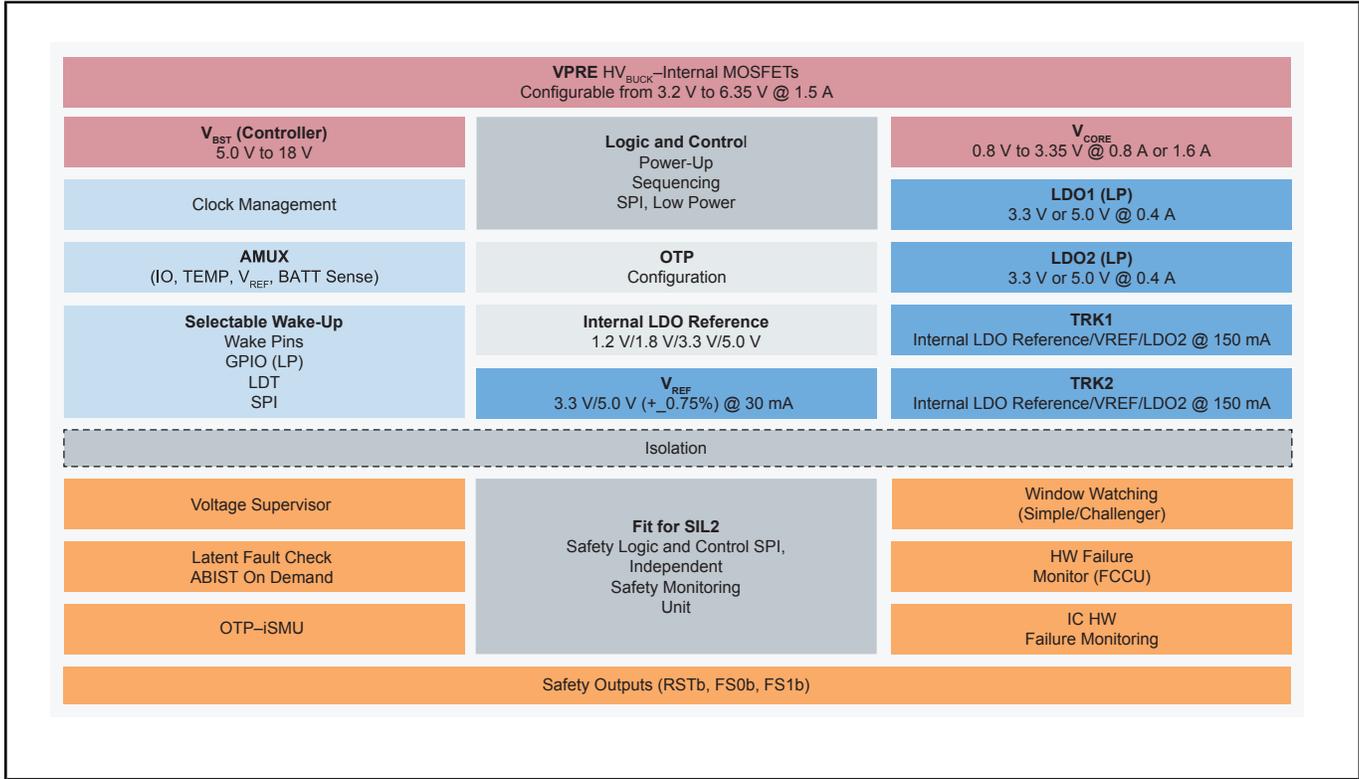
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NXP's first 24 V input (Vin) rated, SIL 2 certified power management IC (PMIC) provides a comprehensive single chip solution for powering low power microcontrollers in safety critical industrial applications. This highly integrated device simplifies system design by combining pre regulation and multiple power rails in one compact package.

## Single chip solution advantages

- Small solution size for space constrained industrial designs
- Integrated pre regulator and multiple MCU/peripheral rails in a single PMIC
- SIL 2 certified PMIC, enabling easier adoption for customers targeting SIL 2 and SIL 3 safety architectures

# VR249X Block Diagram



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