



# Single-Phase Metering

## SINGLE-PHASE-METER

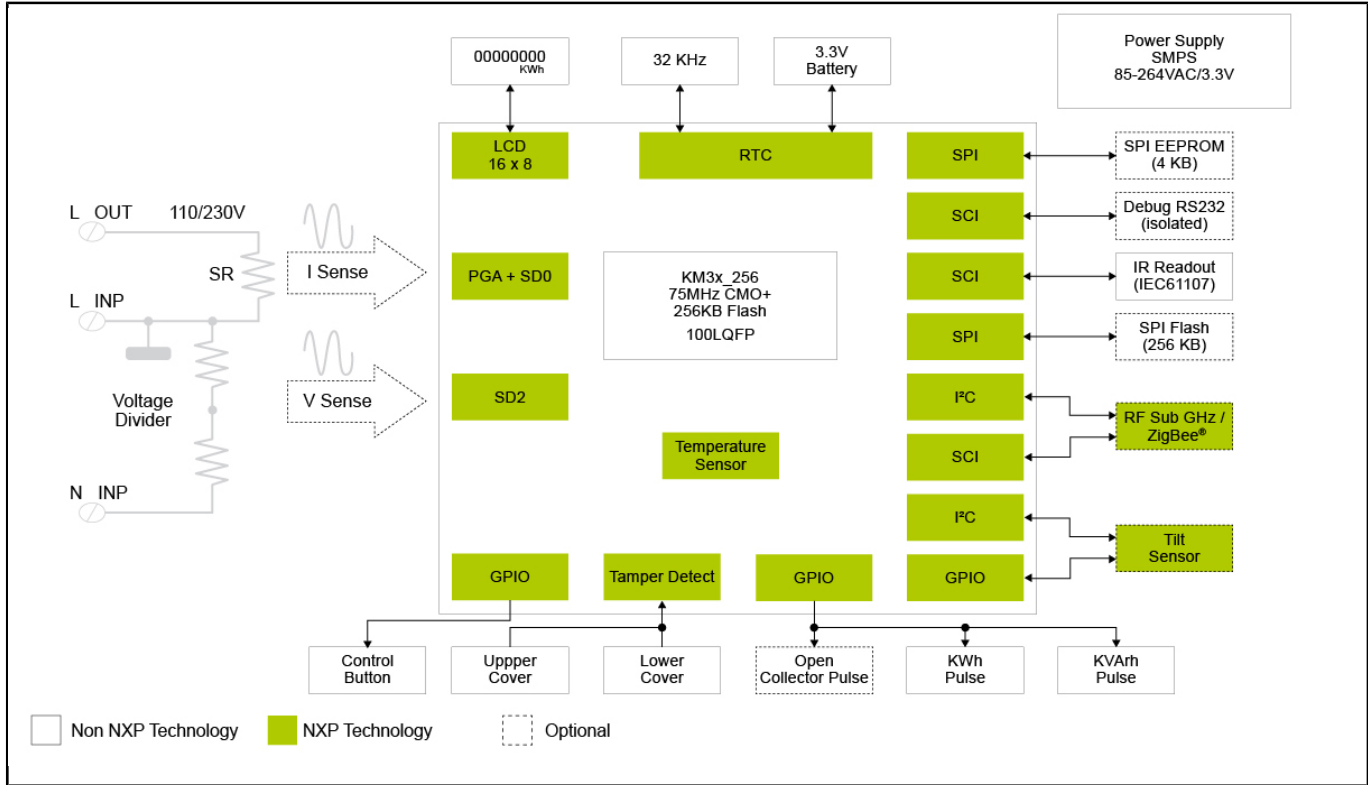
Last Updated: May 1, 2023

With the growing consumption of energy worldwide, particularly in the residential market, utility providers need increasingly accurate, and cost-effective energy metering solutions. The KM3x\_256 series single-phase electricity meter reference design addresses these accuracy and cost needs by providing a high-performance analog front end combined with an embedded programmable gain amplifier.

[Kineticis® M Series MCUs - Fact Sheet](#)

[Kineticis KM3x MCU Single-Phase Metering Reference Design - Fact Sheet](#)

# Single Phase Meter Block Diagram



View additional information for [Single-Phase Metering](#).

**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.