



# 50 MHz, Mainstream Precision Metrology Microcontrollers based on Arm<sup>®</sup> Cortex<sup>®</sup>-M0+

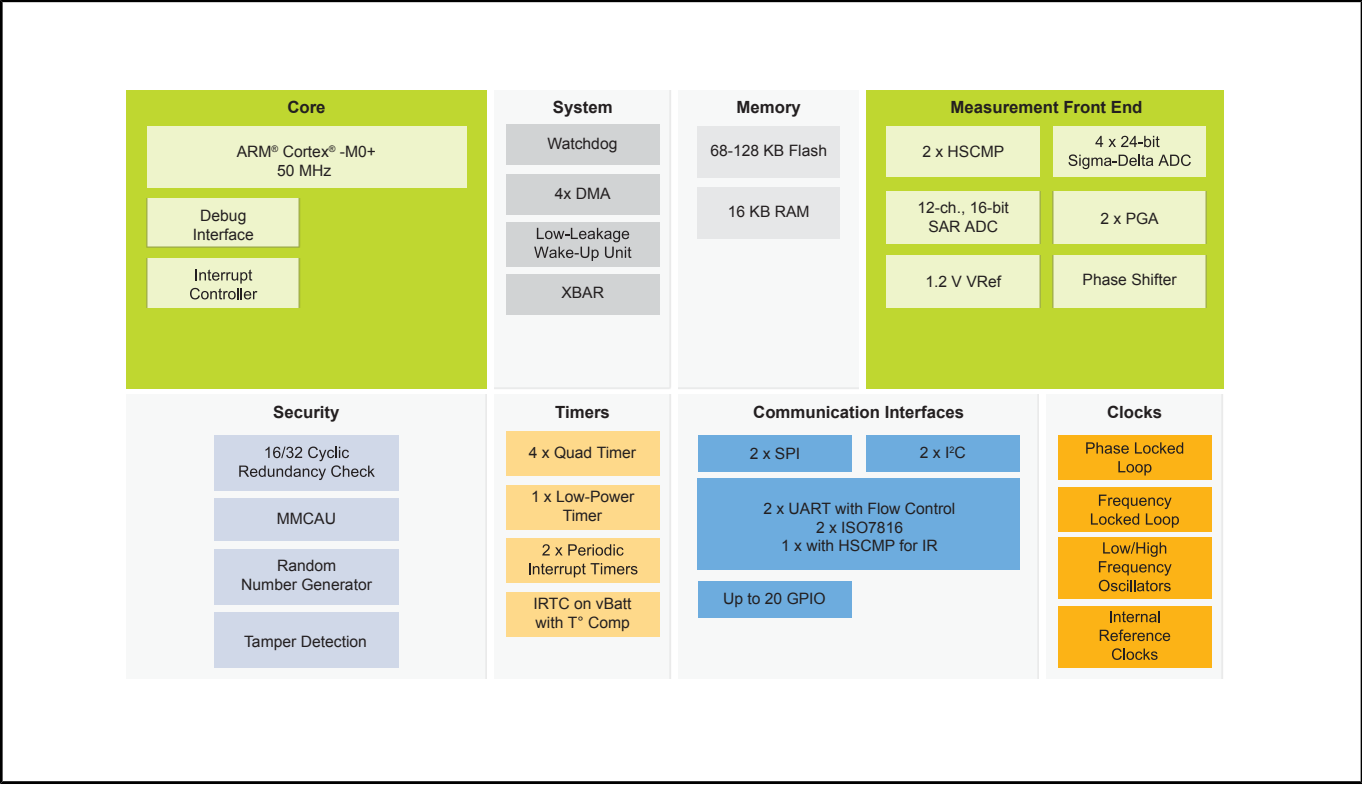
## KM1x

Last Updated: Jul 31, 2023

KM1x MCUs enable single-chip one-, two-, and three-phase electricity meters, as well as flow meter and other precision measurement applications.

- Includes a powerful analog front end
- Provides security, including memory protection, tamper detection, and protection of supplier/user data
- Supports high-precision internal voltage reference with low temperature drift
- Features a comprehensive enablement suite including reference designs

# KM1x MCUs Block Diagram



View additional information for [50 MHz, Mainstream Precision Metrology Microcontrollers based on Arm® Cortex®-M0+](#).

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