



Kinetis® KL3x–48 MHz, Segment LCD Ultra-Low-Power Microcontrollers (MCUs) based on Arm® Cortex®–M0+ Core

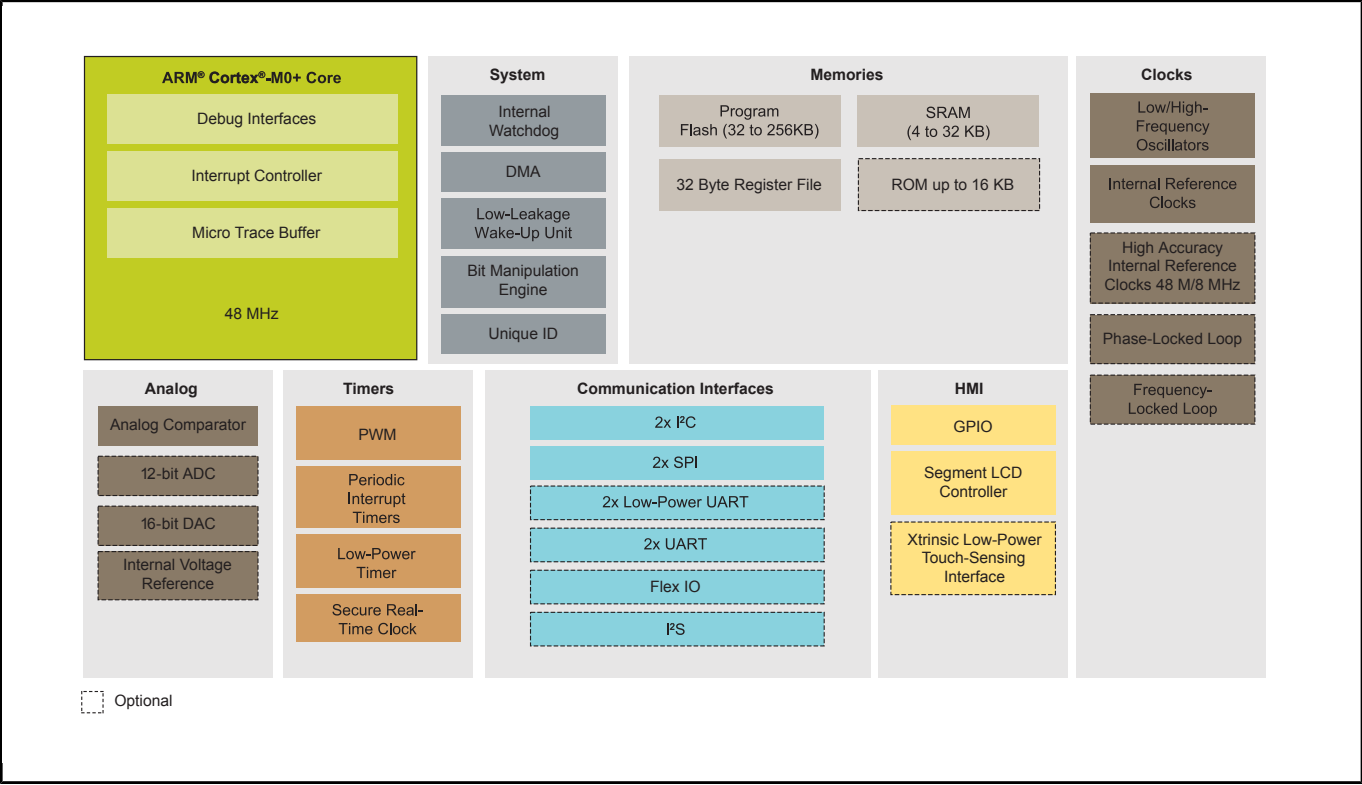
KL3x

Last Updated: Mar 5, 2025

The Kinetis® KL3x MCU family combines ultra-low power performance with a rich suite of analog, communication, timing, and control peripherals for consumer and industrial metering applications.

- Adds a segment LCD controller option to the Kinetis KL1x series
- Includes multiple, flexible low power modes including new compute mode that reduces dynamic power by placing peripherals in an asynchronous stop mode
- Provides a migration path to lower or higher performance and feature integration through compatibility with other Kinetis MCUs
- Backed by robust development tools and software

Kinetis L Series KL3x MCUs Block Diagram



View additional information for [Kinetis® KL3x-48 MHz, Segment LCD Ultra-Low-Power Microcontrollers \(MCUs\) based on Arm® Cortex®-M0+ Core](#).

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