



# Kinetis® KL4x-48 MHz, USB, Segment LCD, Ultra-Low-Power Microcontrollers (MCUs) based on Arm® Cortex®-M0+ Core

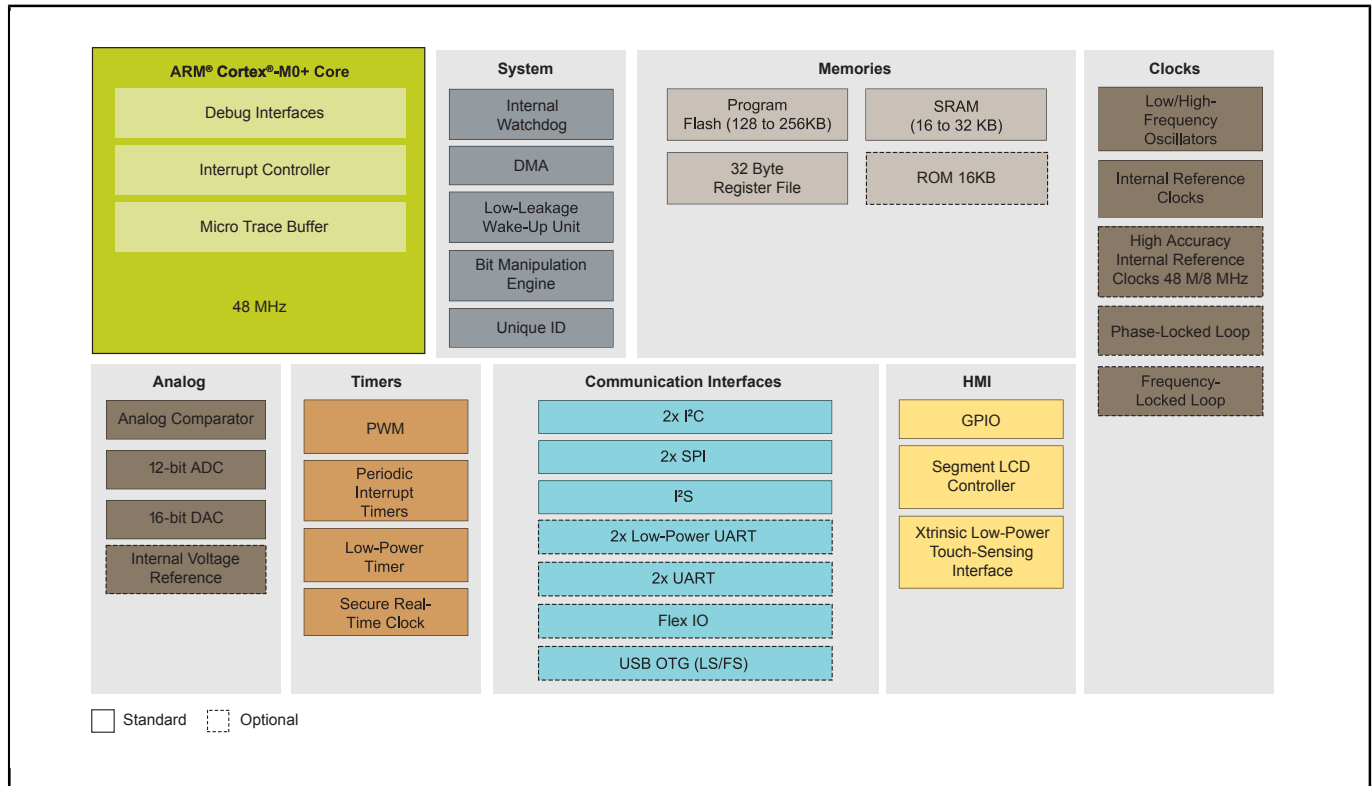
## KL4x

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The Kinetis® KL4x MCU family combines ultra-low-power performance with a rich suite of analog, communication, timing and control peripherals (including a segment LCD controller) for applications like electronic scales, flow meters, smart meters, and thermostats.

- Includes multiple flexible low-power modes, including new compute mode which reduces dynamic power by placing peripherals in an asynchronous stop mode
- Features security circuitry to prevent unauthorized access to RAM and flash contents
- Provides a migration path to lower and higher performance and feature integration through compatibility with other Kinetis families
- Backed by robust development tools and software

# Kinetis L Series KL4x MCUs Block Diagram



View additional information for [Kinetis® KL4x-48 MHz, USB, 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.

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