



MCX C14x/24x/44x MCUs with Arm® Cortex® M0+, Entry level MCUs with USB, Segment LCD and Classical Peripherals

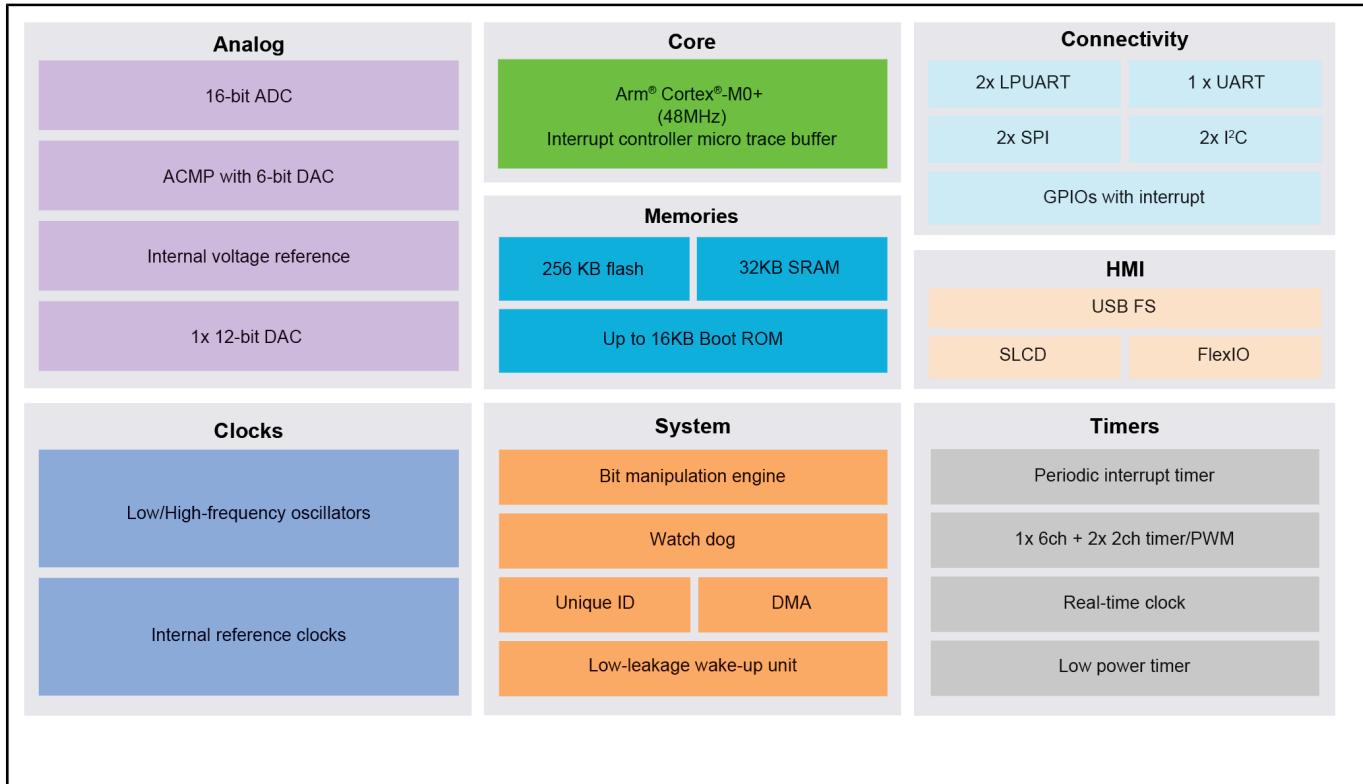
MCX-C14x-24x-44x

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The MCX C14x/24x/44x microcontrollers, featuring an Arm® Cortex®-M0+ core, offer a range of memory configurations, from 32KB to 256KB Flash and up to 32KB SRAM, with 16KB Boot ROM. These entry-level MCUs are optimized for cost-sensitive and battery-powered applications requiring low-power USB connectivity and segment LCD support. The FlexIO technology enables customization for various serial peripheral emulation needs. They feature optimized low-power modes, achieving efficiency down to 54uA/MHz in very low-power run mode and 1.96 uA in deep sleep mode with retained RAM and RTC.

These devices are supported by the [MCUXpresso Developer Experience](#) to optimize, ease and help accelerate embedded system development.

MCX C14x/24x/44x Block Diagram



View additional information for [MCX C14x/24x/44x MCUs with Arm® Cortex® M0+](#), [Entry level MCUs with USB](#), [Segment LCD](#) and [Classical Peripherals](#).

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