



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

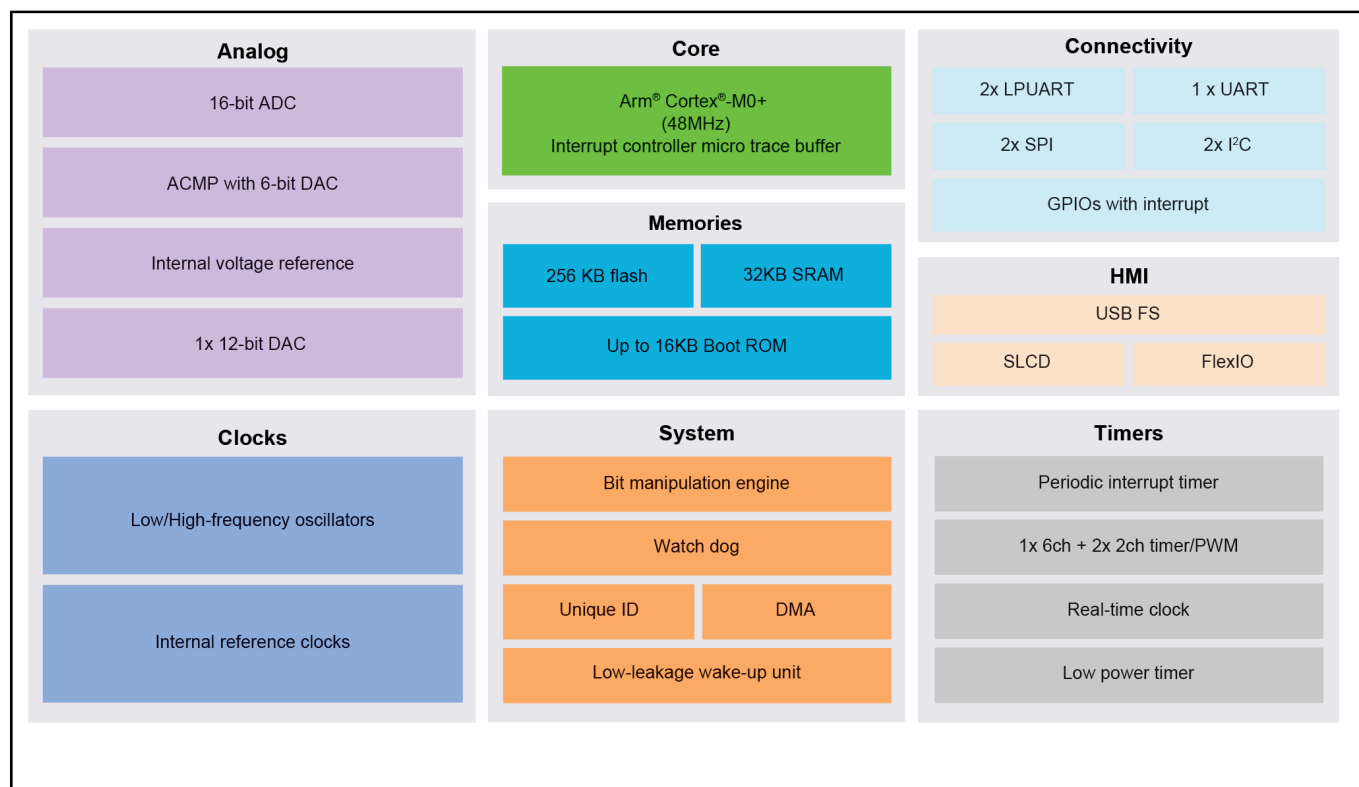
## MCX-C14x-24x-44x

Last Updated: Jan 8, 2026

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](#).

**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. © 2026 NXP B.V.