



# MCX N23x Highly Integrated MCUs with On-Chip Accelerators, Intelligent Peripherals and Advanced Security

## MCX-N23X

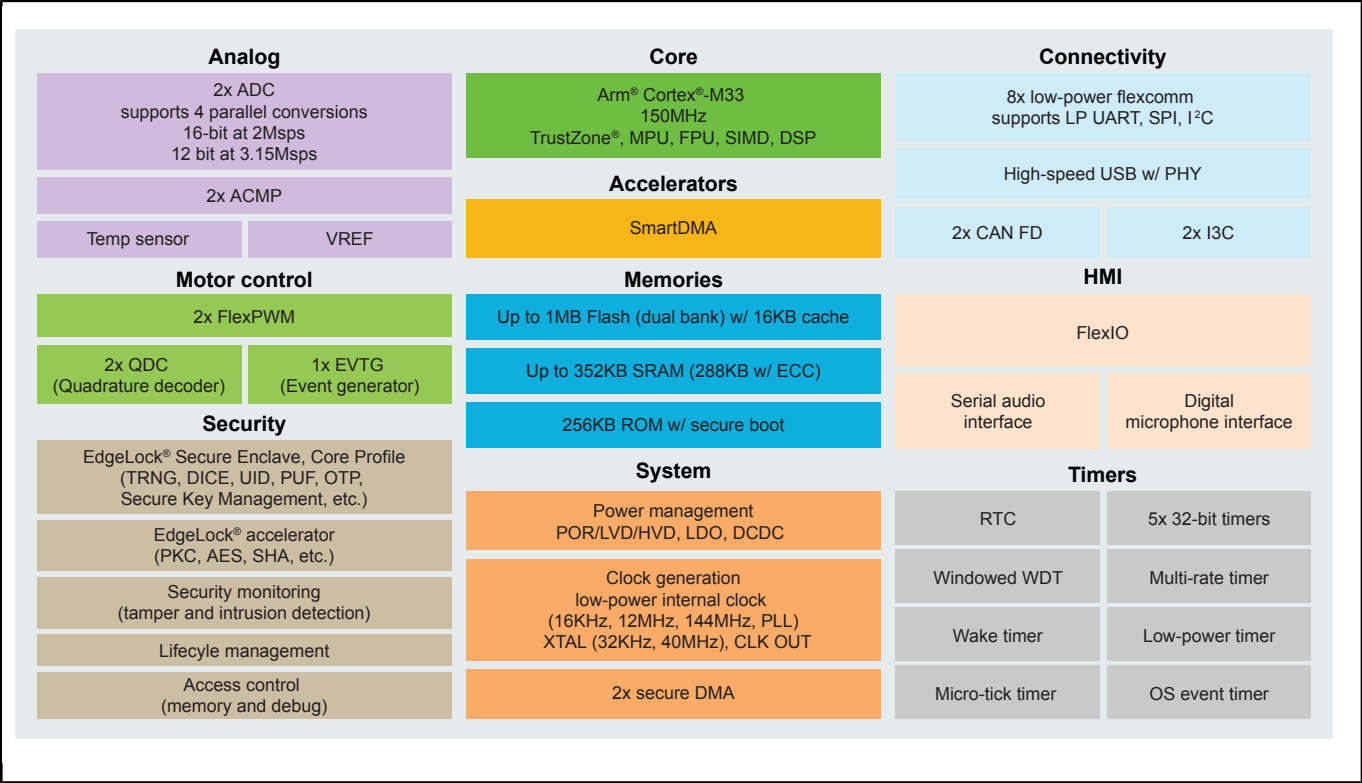
Last Updated: Mar 13, 2025

The MCX N23x is based on a high-performance Arm® Cortex®-M33 running up to 150 MHz, with 1MB of Flash, 352 KB ECC RAM and SmartDMA. The MCX N23x is optimized for cost, memory and system performance and offers a single core option with efficient distribution of workloads to the analog and digital peripherals.

The [EdgeLock Secure Enclave](#) on the MCX N23x is a self-contained, on-die hardware security subsystem that has its own dedicated security core, internal ROM, secure RAM and it supports state-of-the-art side-channel attack-resilient symmetric and asymmetric crypto accelerators and hashing functions for security services.

The MCX N23x devices are supported by the [MCUXpresso Developer Experience](#) to optimize, ease and help accelerate embedded system development.

MCX N23x MCUs Block Diagram



View additional information for [MCX N23x Highly Integrated MCUs with On-Chip Accelerators, Intelligent Peripherals and Advanced Security](#).

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