



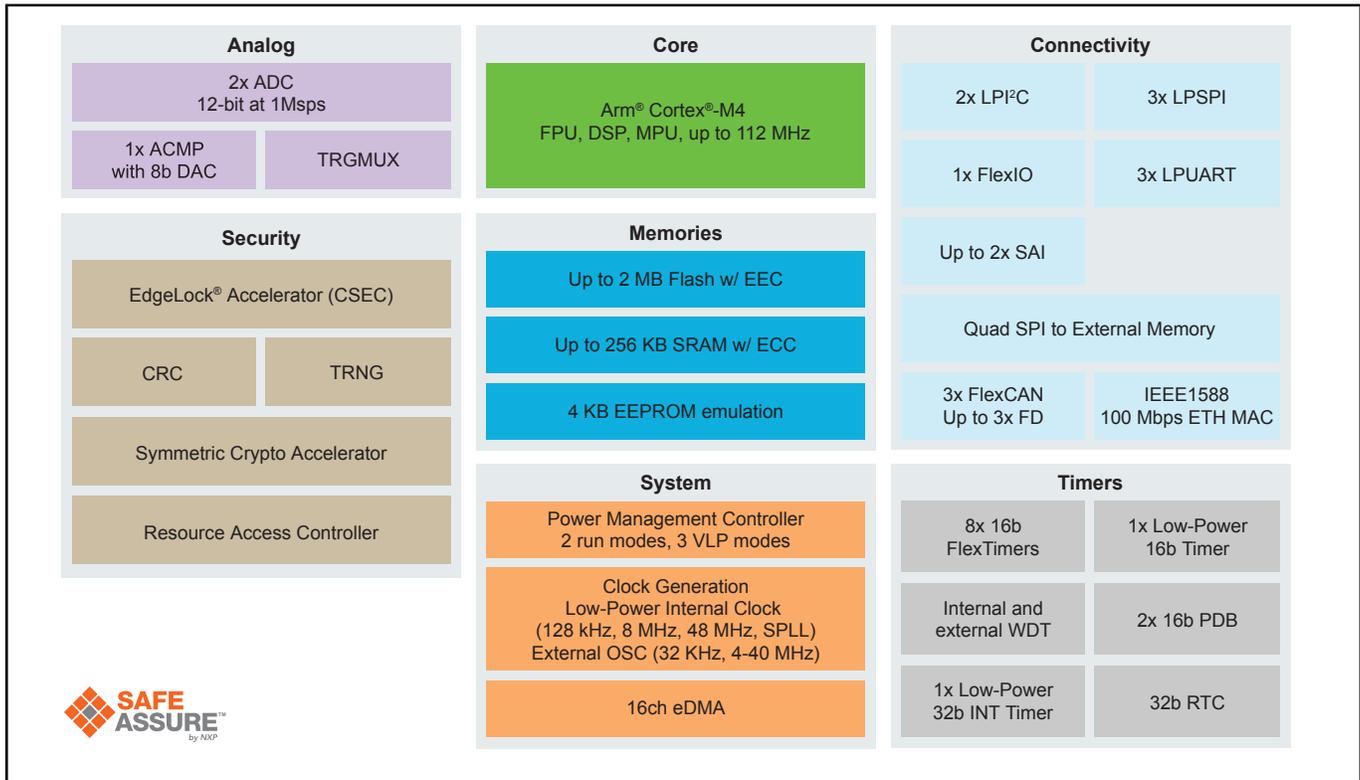
MCX E24: Reliability and Safety Focused MCU

MCX-E24

Last Updated: Jan 21, 2026

The MCX E24 supports robust operation at 5.5V for electrically noisy environments and features a 112 MHz Arm® Cortex®-M4F core with up to 2 MB Flash and 256 kB SRAM. Built for [IEC 61508](#) systems up to SIL2, our [NXP Safe Assure program](#) helps customers achieve functional safety certification in motor control, energy storage and factory automation. On-chip security features a dedicated EdgeLock Accelerator, alongside CAN FD, 10/100 Mbit/s Ethernet and low-power serial interfaces ensure seamless connectivity, while the [MCUXpresso Developer Experience](#) accelerates your development cycle.

MCX E24 MCUs Block Diagram



View additional information for [MCX E24: Reliability and Safety Focused MCU](#).

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

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