



# **MCX W23: Ultra-Low Power Bluetooth® Low Energy Solution With Arm® Cortex® M33 TrustZone® for IoT**

## **MCX-W23**

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The MCX W23 provides connectivity solutions for IoT applications. The MCX W23 device constitute a highly integrated, single chip, ultra-low-power Bluetooth® Low Energy 5.3 wireless transceiver with embedded microcontroller and flash.

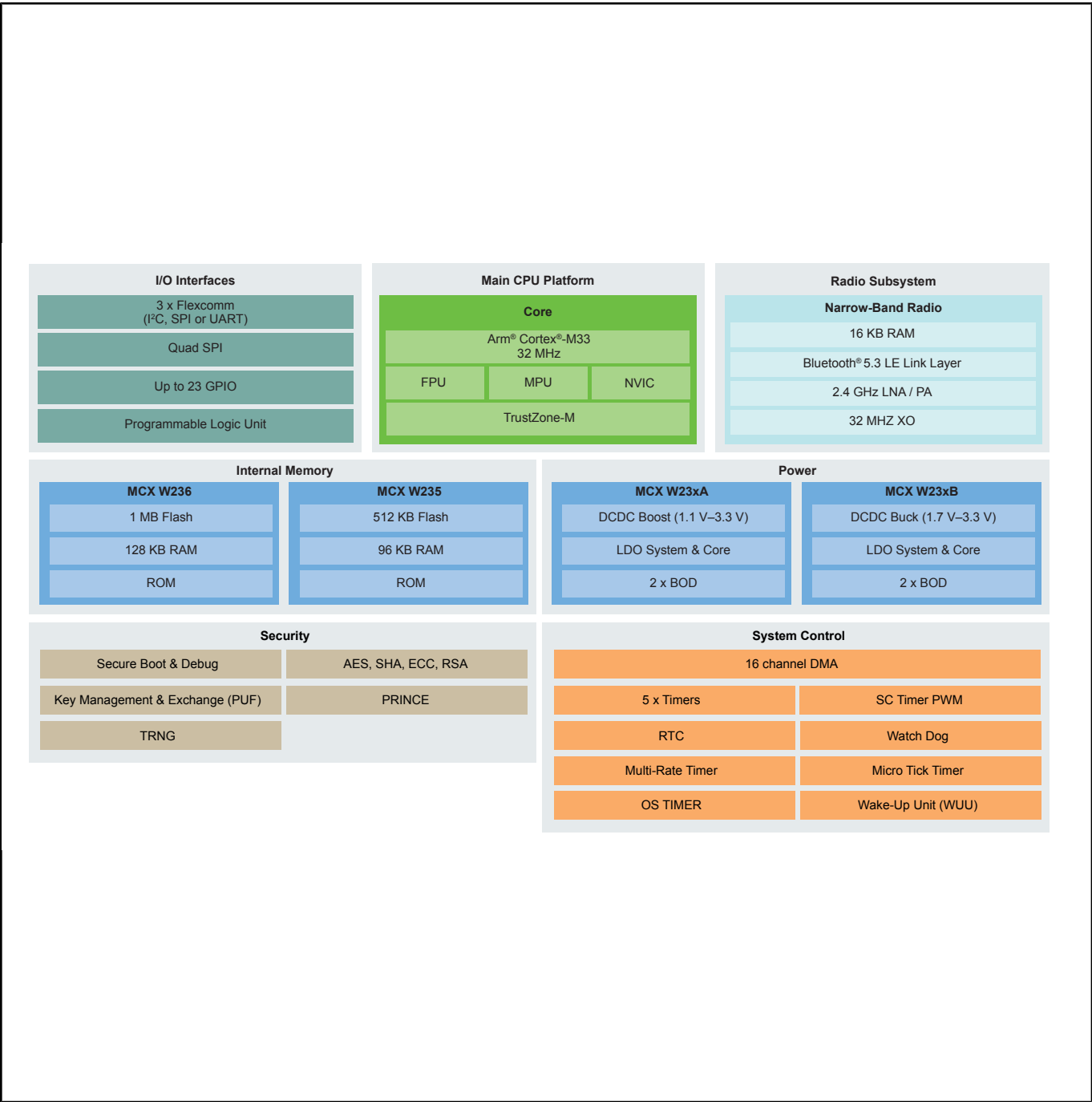
Because of the integrated ultra-low-power radio and flash, the MCX W23 provides extended battery lifetime. The MCX W23 is a cost-effective solution within a small solution area required for body-worn / battery-powered sensors and actuator applications.

Enable with the flexible Buck and Boost option of the DCDC converter, the MCX W23 runs directly from a large range of batteries.

Built with advanced security in mind, the MCX W23 is part of the Certified Edgelock Assurance program (SESIP Level 2 / PSA Level 2).

MCX W23 and enablement (documentation, software and boards) are available. For additional information and sample availability, contact support or your local sales representative.

# MCX W23 Block Diagram



View additional information for [MCX W23: Ultra-Low Power Bluetooth® Low Energy Solution With Arm® Cortex® M33 TrustZone® for IoT](#).

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

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