i.MX RT1010 Crossover MCU with Arm® Cortex®-M7 Core Operating Up to 500 MHz

i.MX-RT1010

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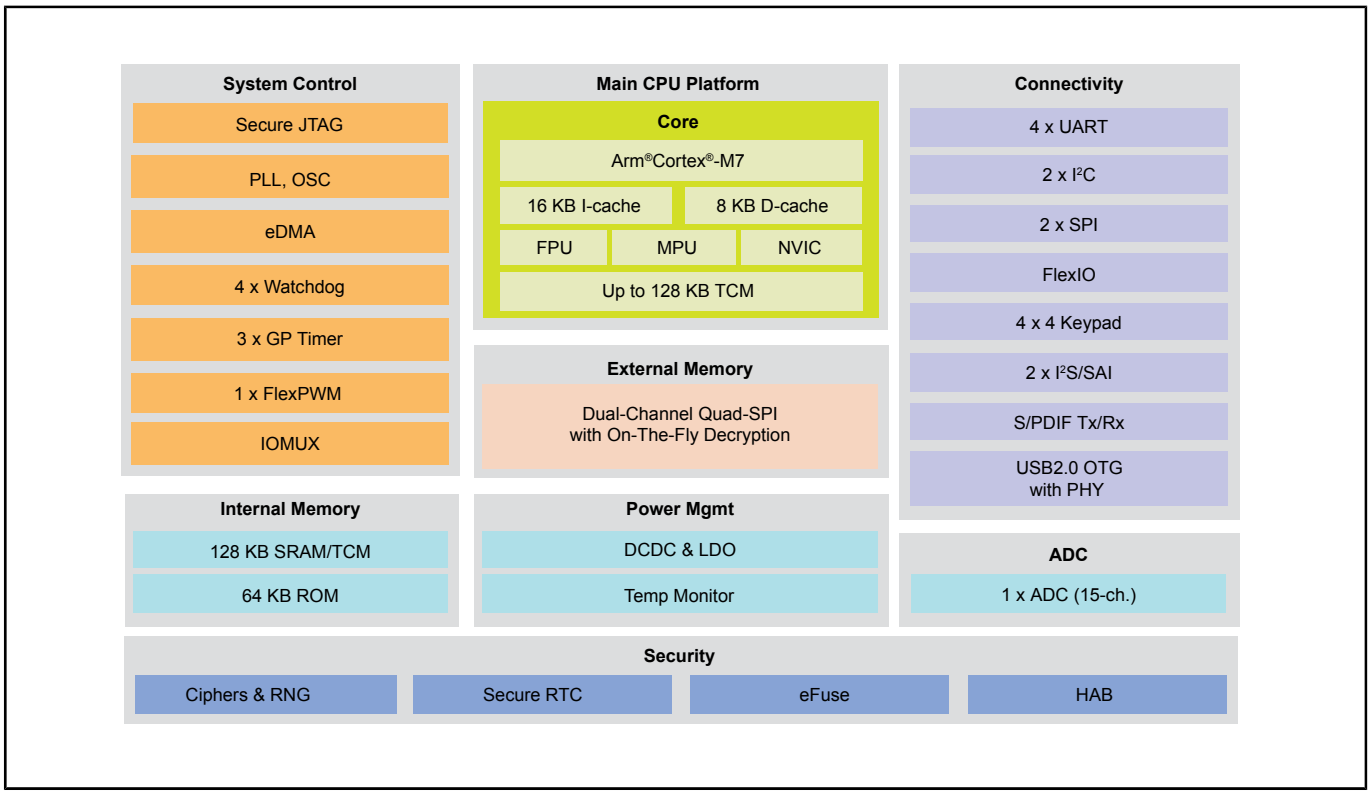
i.MX RT1010 Crossover MCUs are based on the Arm® Cortex®-M7 core for real-time performance and high integration for Industrial and IoT applications.

The i.MX RT1010 Arm® Cortex®-M7 operates at up to 500 MHz with 128 KB on-chip RAM that can be configured as Tightly-Coupled Memory or general-purpose. The family offers various memory interfaces and a wide range of connectivity interfaces including UART, SPI, I²C, and USB. 80 LQFP packages included for low-cost PCB designs.

The i.MX RT1010 family is supported by the MCUXpresso ecosystem, which includes an SDK, a choice of IDEs and secure provisioning and configuration tools to enable rapid development.

i.MX RT1010 Crossover MCU Block Diagram



View additional information for i.MX RT1010 Crossover MCU with Arm® Cortex®-M7 Core Operating Up to 500 MHz.

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