i.MX RT1024: Crossover MCU with Arm® Cortex®-M7

i.MX-RT1024

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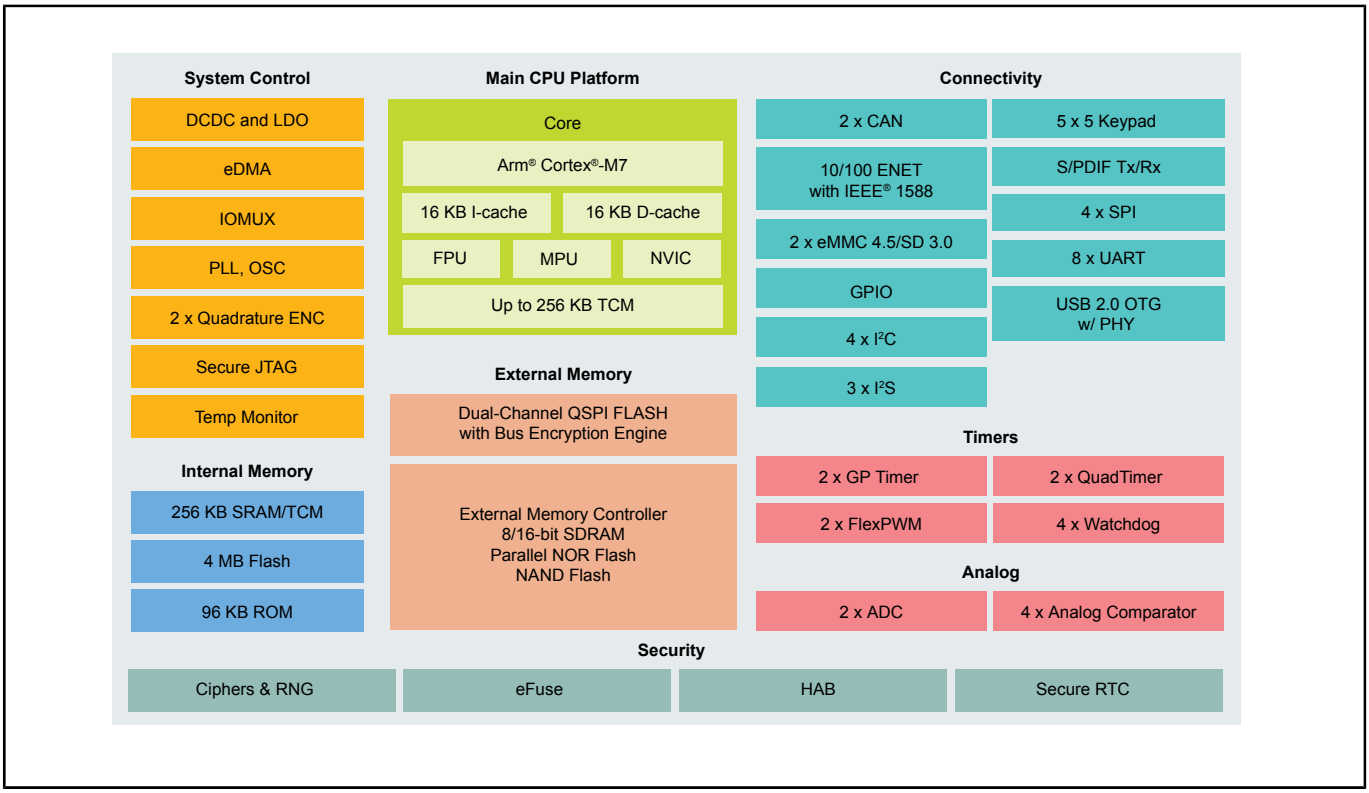
i.MX RT1024 Crossover MCUs are based on the Arm® Cortex®-M7 core forreal-time microcontroller (MCU) performance and high integration for industrial and IoT applications.

The i.MX RT1024 CM7 operates at up to 500 MHz with 4 MB on-chip flash and 256 KB on-chip RAM that can be configured as TCM or general purpose. The family offers various memory interfaces and a wide range of connectivity interfaces including UART, SPI, I²C, USB and CAN. 144 LQFP packages for low-cost PCB designs.

The i.MX RT1024 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 RT1024 Crossover MCU Block Diagram



View additional information for i.MX RT1024: Crossover MCU with Arm® Cortex®-M7.

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