



i.MX RT1060: Crossover MCU with Arm® Cortex®-M7

i.MX-RT1060

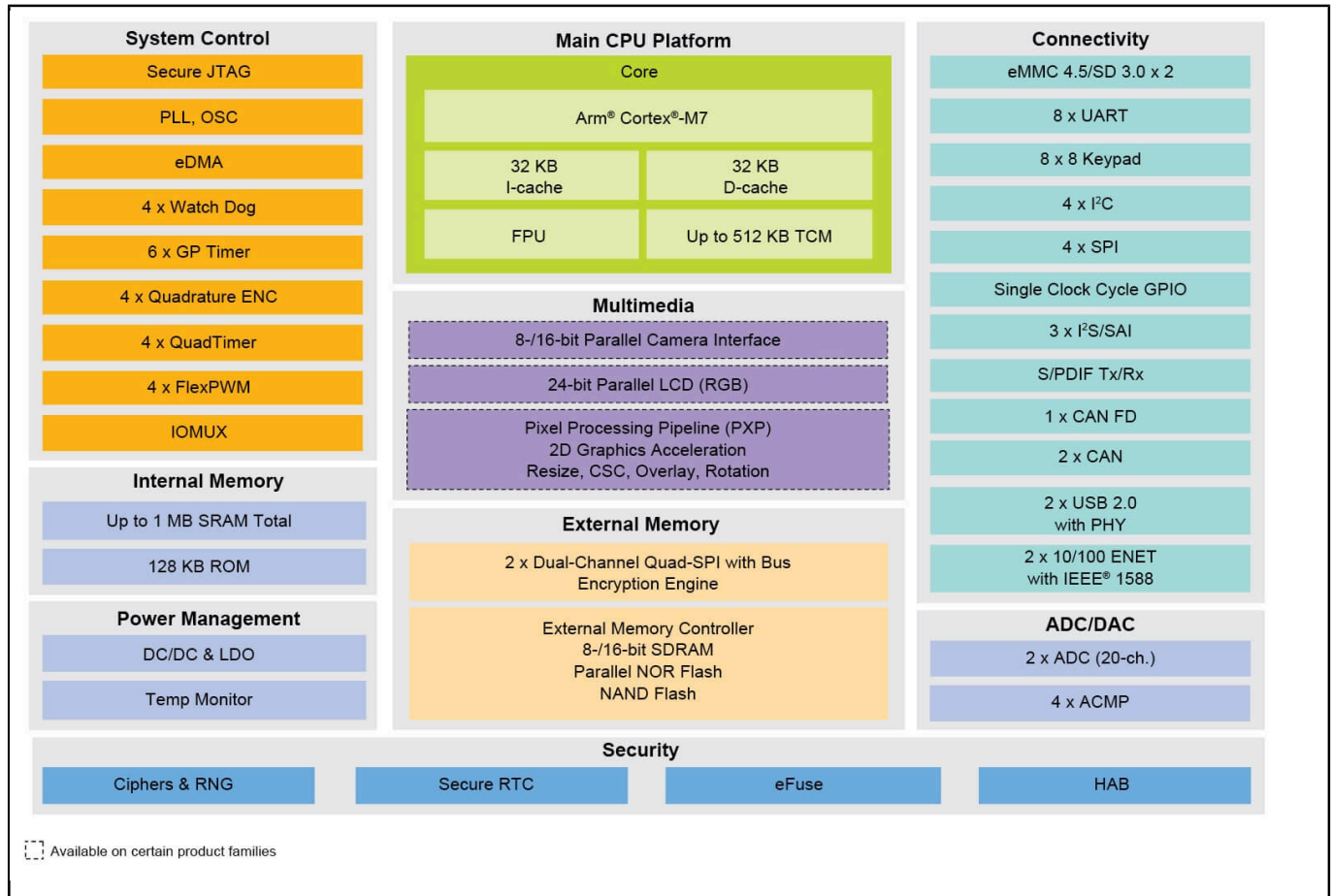
Last Updated: Apr 11, 2024

i.MX RT1060 Crossover MCUs are based on the Arm® Cortex®-M7 core for real-time microcontroller performance and high integration for industrial and IoT applications.

The i.MX RT1060 CM7 operates at up to 600 MHz with 1 MB on-chip RAM. The family offers 2D graphics, camera, various memory interfaces and a wide range of connectivity interfaces including UART, SPI, I²C, USB, 2x 10/100M Ethernet, and 3x CAN. Additional features for real-time applications include high-speed GPIO, CAN FD and synchronous parallel NAND/NOR/PSRAM controller. The i.MX RT1060 provides additional flexibility with 225BGA, 196BGA packages and an extended temperature range of up to 125°C.

The i.MX RT1060 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 RT1060 Crossover MCU Block Diagram



View additional information for [i.MX RT1060: Crossover MCU with Arm® Cortex®-M7](#).

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