



# i.MX RT1064 Crossover MCU with Arm® Cortex®-M7 Core

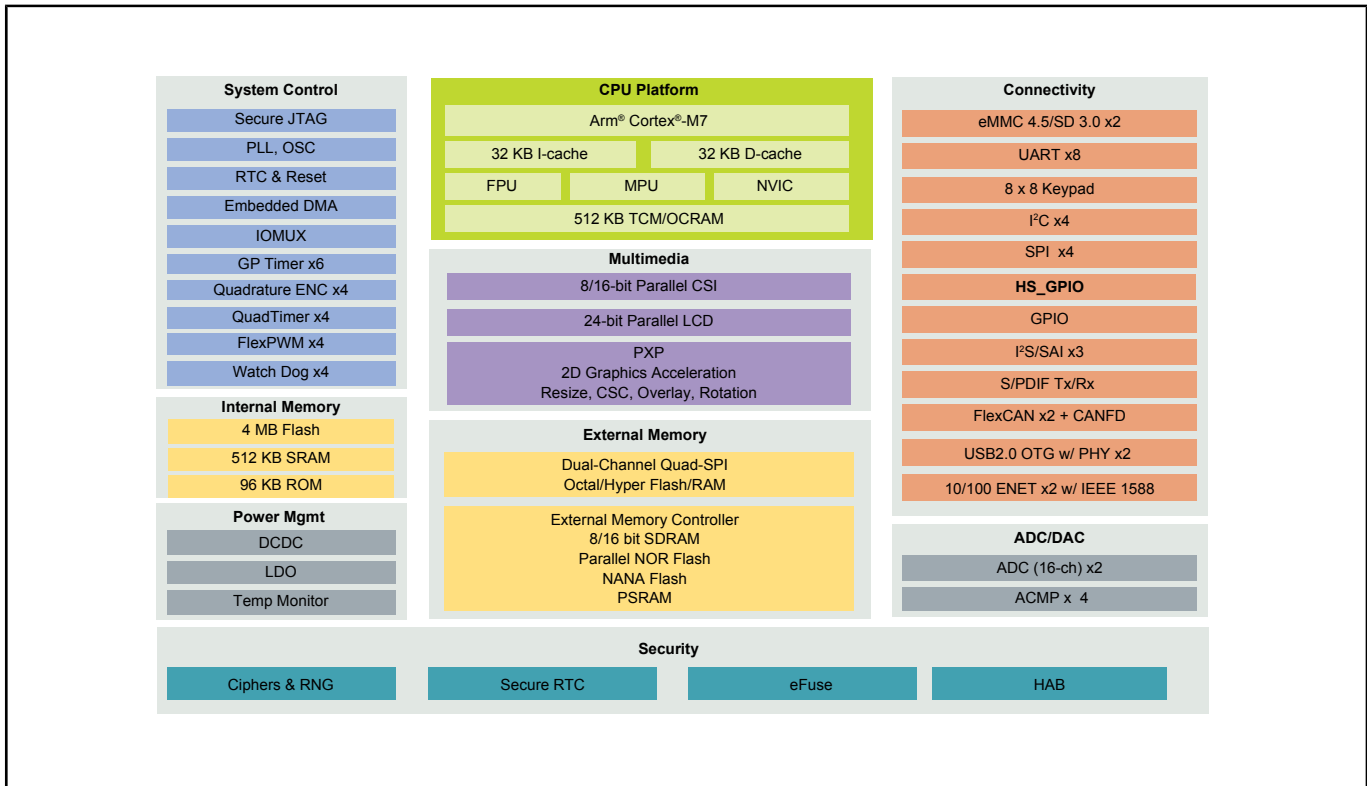
## i.MX-RT1064

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i.MX RT1064 crossover MCUs are part of the EdgeVerse™ [edge computing](#) platform and build on the popular i.MX RT series. As the first i.MX RT devices to include on-chip flash, it provides 4 MB of on-chip flash and 1 MB of on-chip SRAM while keeping pin-to-pin compatibility with i.MX RT1050 and i.MX RT1060 MCUs. The i.MX RT1064 MCU runs on the Arm® Cortex®-M7 core at 600 MHz.

This device is fully supported by NXP's [MCUXpresso Software and Tools](#), a comprehensive and cohesive set of free software development tools for Kinetis, LPC and i.MX RT microcontrollers. MCUXpresso SDK also includes project files for Keil MDK and IAR Embedded Workbench for Arm. .

# i.MX RT1064 Crossover MCU Block Diagram



View additional information for [i.MX RT1064 Crossover MCU with Arm® Cortex®-M7 Core](#).

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

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