



i.MX RT1040 Crossover MCU with Arm® Cortex®-M7 Core

i.MX-RT1040

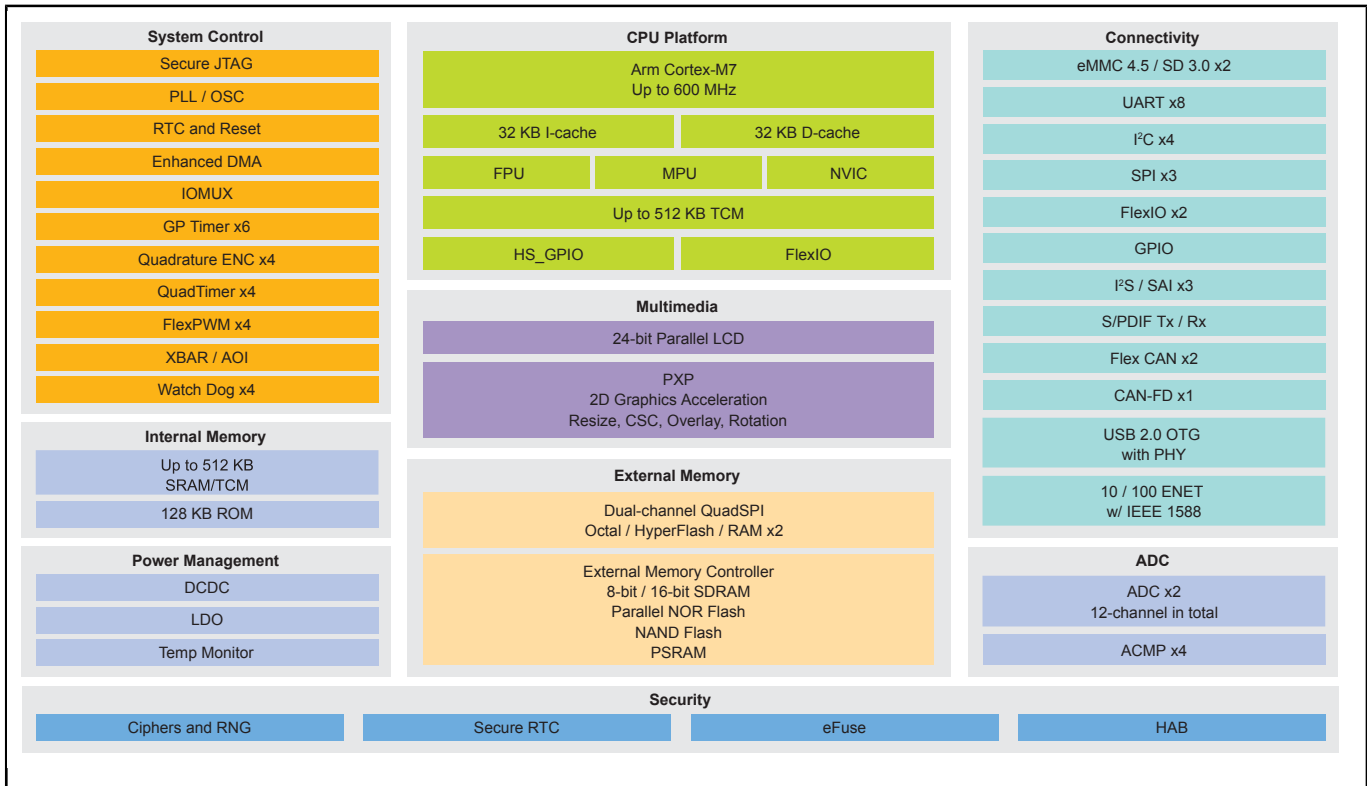
Preproduction

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i.MX RT1040 crossover MCUs are part of the EdgeVerse™ [edge computing](#) platform and add additional flexibility with new packages and an extended temperature range up to 125° C. The i.MX RT1040 MCU has a compact 9x9 mm package, as well as the 11x11 mm package that supports implementing a 2-layer PCB design. The i.MX RT1040 MCUs run on the Arm® Cortex®-M7 core at 600 MHz. The i.MX RT1040 is supported by an extensive developer ecosystem, featuring the MCUXpresso suite of software and tools, for an optimal microcontroller design experience.

i.MX RT1040 MCU Block Diagram



View additional information for [i.MX RT1040 Crossover MCU with Arm® Cortex®-M7 Core](#).

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