



i.MX RT1015 Crossover MCU with Arm® Cortex®-M7 Core

i.MX-RT1015

Last Updated: Jan 16, 2023

i.MX RT1015 crossover MCUs are part of the EdgeVerse™ [edge computing](#) platform and build on the i.MX RT crossover MCU series by providing additional low-cost LQFP packages, further simplifying board design and layout for customers. The i.MX RT1015 MCU runs on the Arm® Cortex®-M7 core at 500 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. Support for FreeRTOS™ on the i.MX RT1015 MCU is available within the [MCUXpresso SDK](#).

i.MX RT1015 Block Diagram Block Diagram



View additional information for [i.MX RT1015 Crossover MCU with Arm® Cortex®-M7 Core](#).

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