



# **i.MX RT1020: 跨界MCU， 配备 Arm®Cortex®-M7**

## **i.MX-RT1020**

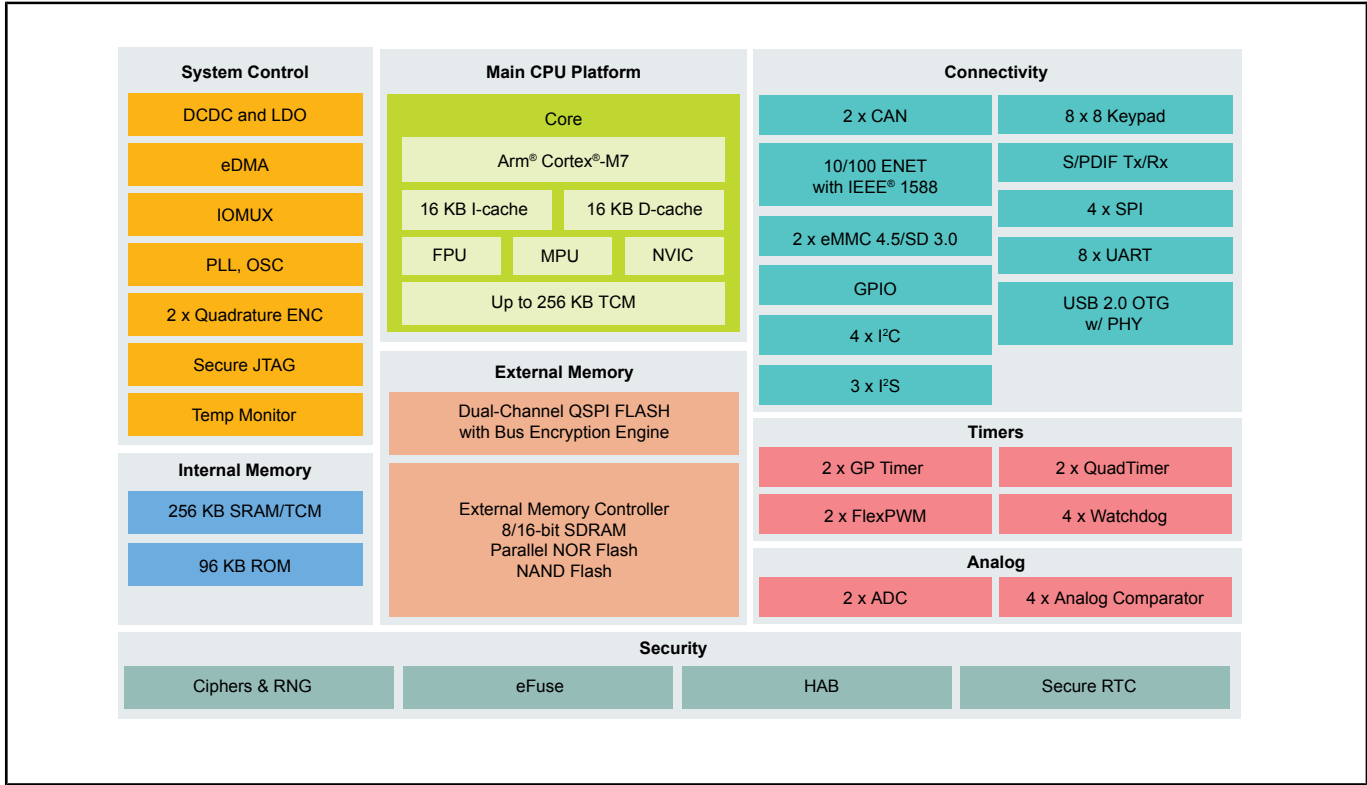
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i.MX RT1020跨界MCU基于Arm®Cortex®-M7内核，具有实时性能和高集成功能，适用于工业和物联网应用。

i.MX RT1020 CM7运行频率高达500MHz，内置256KB片上RAM，可配置为TCM或通用存储器使用。该实时MCU系列提供各种存储器接口和丰富的连接接口，包括UART、SPI、I<sup>2</sup>C、USB、10/100M以太网和CAN。提供144 LQFP封装和100 LQFP封装，可实现低成本PCB设计。

i.MX RT1020系列由MCUXpresso生态合作体系支持，其中包括SDK、IDE选项以及安全配置和配置工具，可实现快速开发。

# i.MX RT1020 跨界 MCU Block Diagram



View additional information for [i.MX RT1020: 跨界MCU, 配备Arm®Cortex®-M7](#).

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