



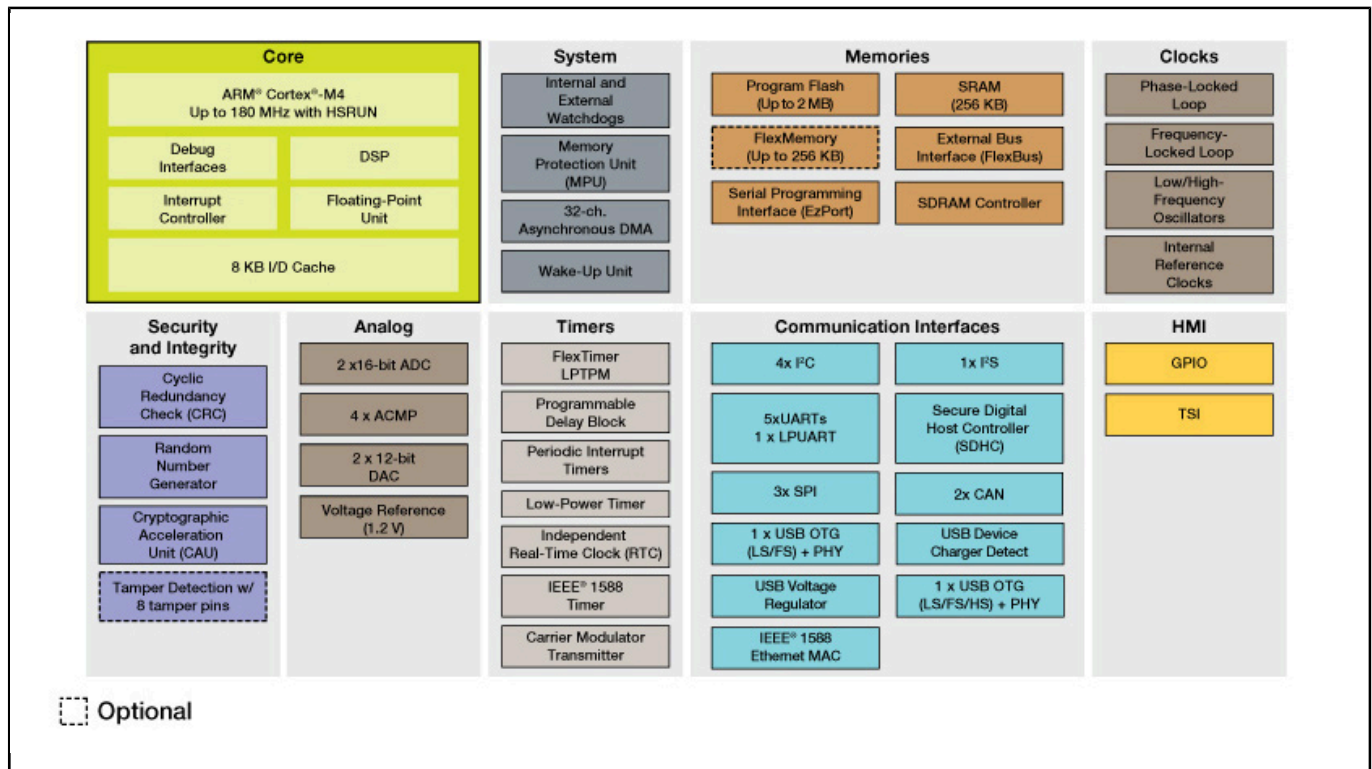
# **Kinetis® K66–180 MHz, Dual High-Speed and Full-speed USBs, 2MB Flash Microcontrollers (MCUs) based on Arm® Cortex®–M4 Core**

## **K66\_180**

Last Updated: Dec 23, 2025

The Kinetis® K66 180MHz IEEE® 1588 Ethernet MCUs are built on the Arm® Cortex®-M4F core and are optimized for applications requiring large memory densities and low-power processing efficiency. This family offers High-Speed USB with integrated HS USB Physical Transceiver, SDRAM Controller, Full Speed Crystal-less USB support, as well as shares the comprehensive enablement and scalability of the Kinetis portfolio.

## Kinetis K65/K66 MCU Family Block Diagram Block Diagram



View additional information for [Kinetis® K66-180 MHz, Dual High-Speed and Full-speed USBs, 2MB Flash Microcontrollers \(MCUs\) based on Arm® Cortex®-M4 Core](#).

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

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