

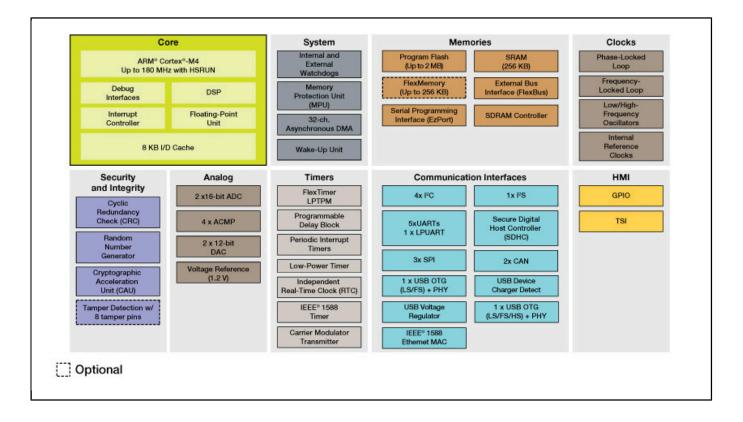
Kinetis® K66-180 MHz, Dual High-Speed and Full-speed USBs, 2MB Flash Microcontrollers (MCUs) based on Arm® Cortex®-M4 Core

K66_180

Last Updated: Sep 5, 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.

www.nxp.com

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2025 NXP B.V.