



Kinetis® K40-100 MHz, Mixed-Signal Integration Microcontrollers (MCUs) based on Arm® Cortex®-M4 Core

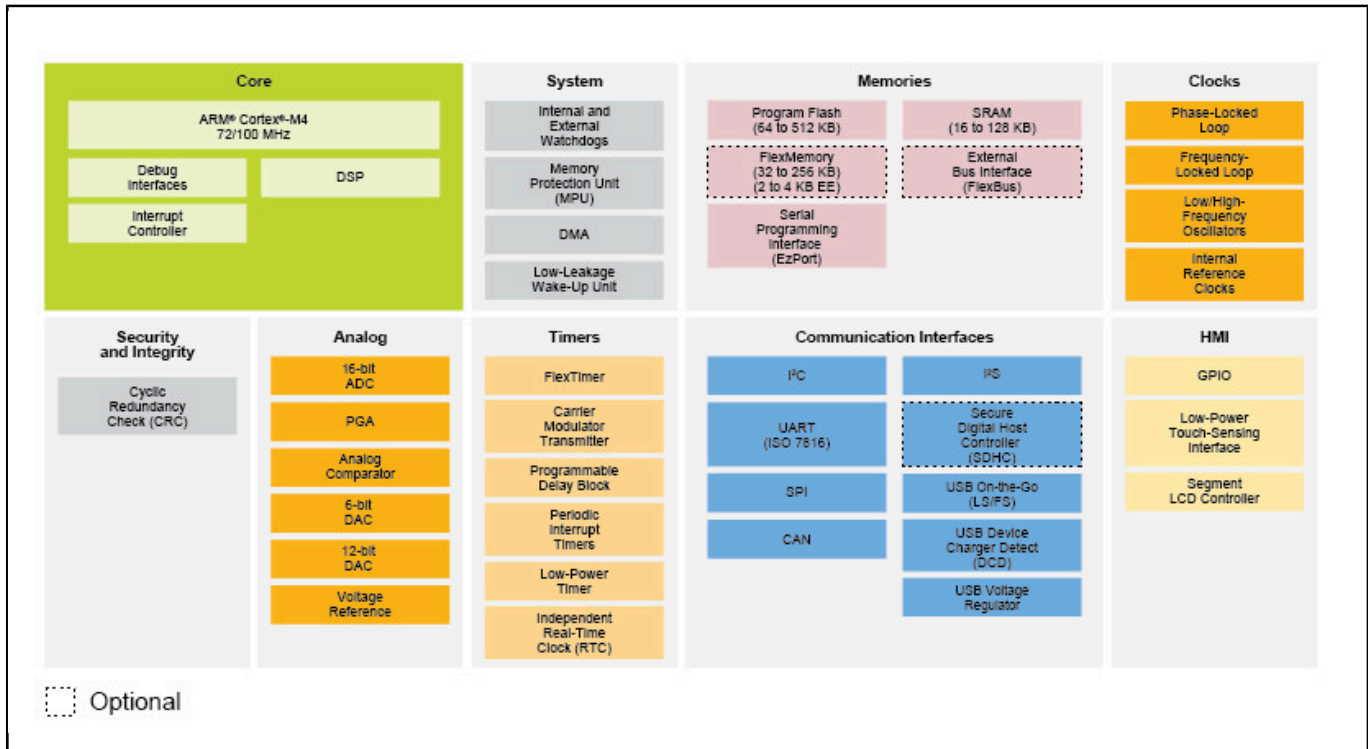
K40_100

Last Updated: Jan 16, 2023

The Kinetis® K40 100 MHz MCU family provides advanced analog integration and serial communication for consumer, industrial, and medical applications.

- Offers optimized low power and mixed signal analog integration
- Includes a rich suite of analog, communication, timing and control peripherals to accommodate a wide range of requirements
- Optimizes charging current/time for portable USB devices, enabling longer battery life
- Shares the comprehensive enablement and scalability of the Kinetis portfolio

Kinetis K40 MCU Family Block Diagram Block Diagram



View additional information for [Kinetis® K40-100 MHz, Mixed-Signal Integration 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. © 2023 NXP B.V.