



Kinetis® K10–100 MHz, Mixed–Signal Integration Microcontrollers (MCUs) based on Arm® Cortex®–M4 Core

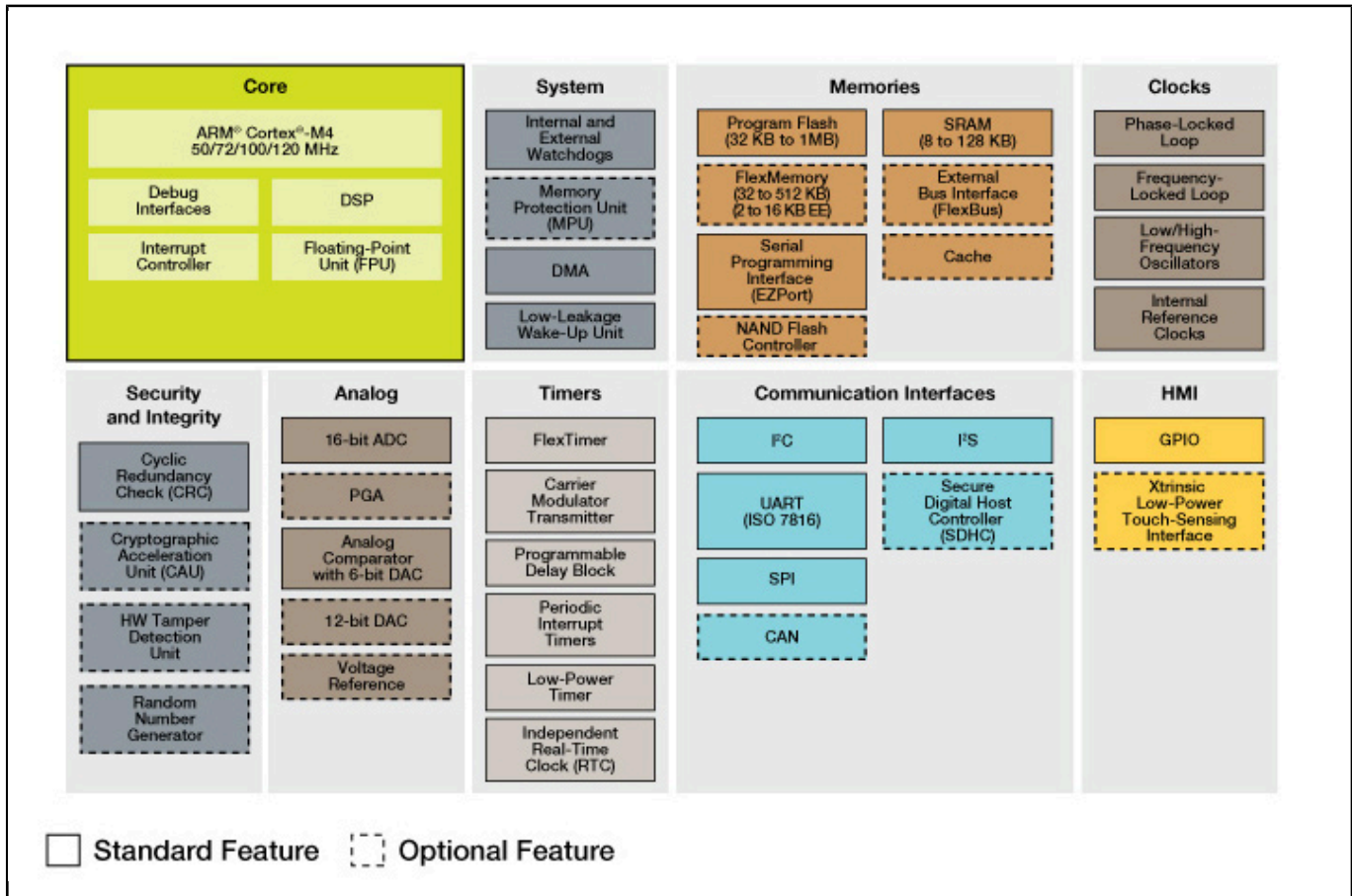
K10_100

Last Updated: Jan 16, 2023

Kinetis® K10 100 MHz baseline MCUs feature high-precision analog integration and advanced serial communication for EPOS, flow meters, gaming controllers, HVAC systems, and remote sensors.

- Offers precision low power and mixed signal analog integration
- Supports a broad range of processing bandwidth needs
- Includes high-reliability, fast-access program memory with four-level security protection
- Enables fast, accurate signal conditioning
- Eliminates need for external voltage reference reducing overall system cost
- Ensures secure data transfer and storage
- Shares the comprehensive enablement and scalability of the Kinetis portfolio

Kinetis K1x MCU Family Block Diagram Block Diagram



View additional information for [Kinetis® K10-100 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. © 2024 NXP B.V.