



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

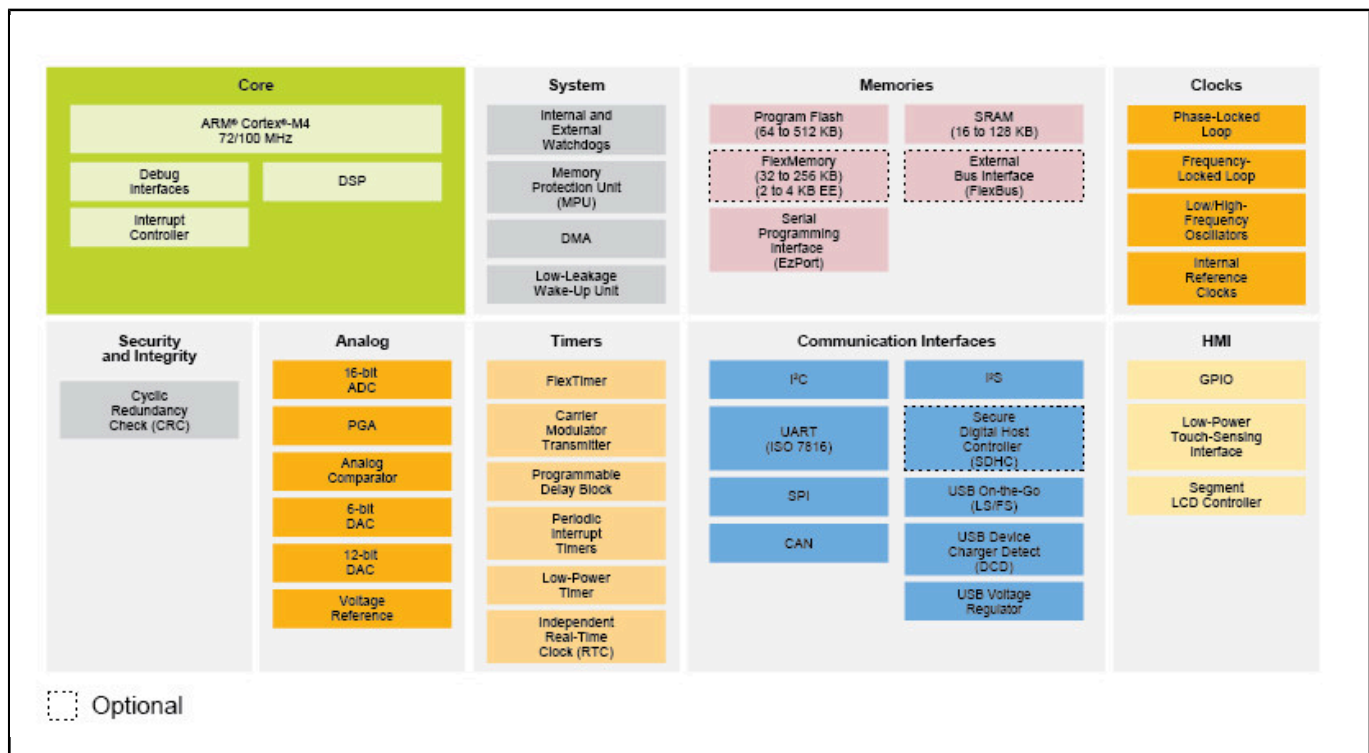
## K40\_100

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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.