



# Kinetis® K50–100 MHz, USB Microcontrollers (MCUs) based on Arm® Cortex®–M4 Core

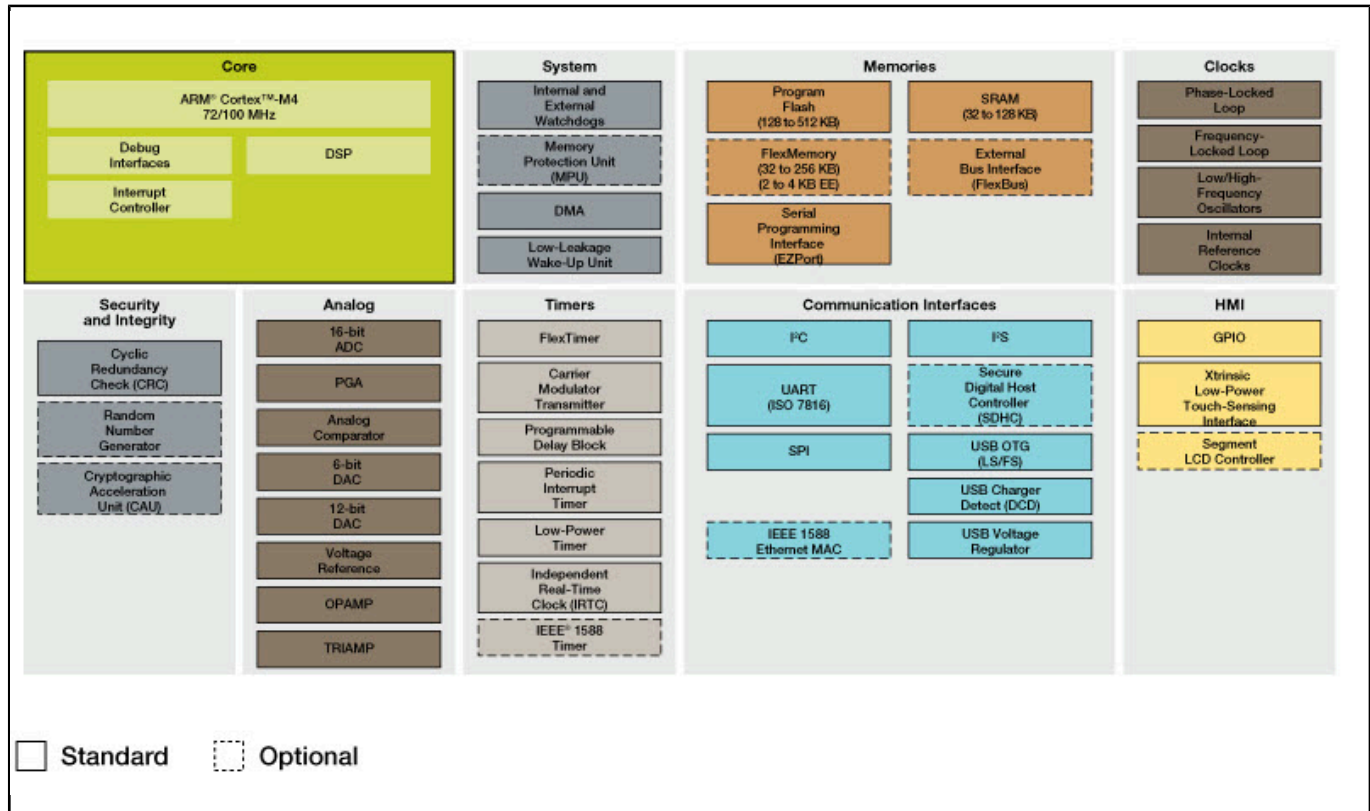
## K50\_100

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The Kinetis® K50 100 MHz MCU family provides an analog measurement engine consisting of integrated operational and trans-impedance amplifiers as well as high-resolution ADC and DAC modules for medical and industrial applications.

- Increases performance by reducing core interruption
- Supports system cost reduction and design flexibility
- Increases system safety by securing access to critical memory locations
- Offers scalability for key digital power and motor control applications
- Shares the comprehensive enablement of the Kinetis portfolio

# Kinetis K5x MCU Family Block Diagram Block Diagram



View additional information for [Kinetis® K50-100 MHz, USB Microcontrollers \(MCUs\) based on Arm® Cortex®-M4 Core.](#)

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

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