



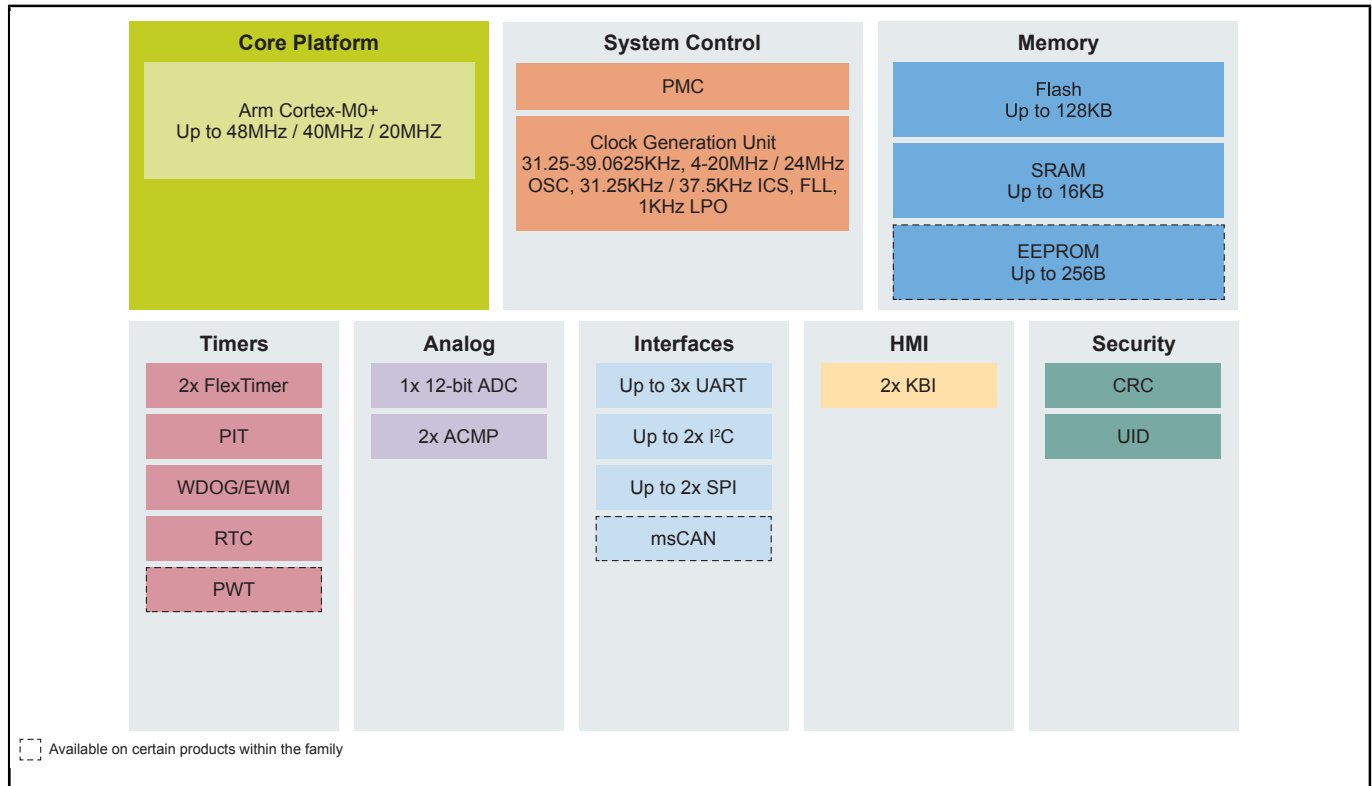
Kinetis® KE02–20 MHz, Entry–Level Microcontrollers (MCUs) based on Arm® Cortex®–M0+ Core

KE02

Last Updated: Apr 4, 2024

The Kinetis KE02 sub-family is the entry-point to the Kinetis E series portfolio and is pin compatible with Kinetis E series and with the Our 8-bit S08P family. This sub-family includes a powerful array of analog, communication and timing and control peripherals with specific flash memory size and the pin count. The family acts as a low-power, high-robustness, and cost-effective microcontroller to provide developers an appropriate entry-level 32-bit solution. The family is next generation MCU solution with enhanced ESD/EMC performance for cost-sensitive, high-reliability devices applications used in high electrical noise environments.

KE0xZ MCU Family Block Diagram



View additional information for [Kinetis® KE02-20 MHz, Entry-Level Microcontrollers \(MCUs\) based on Arm® Cortex®-M0+ 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.