



# Kinetis<sup>®</sup> KW20Z-2.4 GHz 802.15.4 Wireless Radio Microcontroller based on Arm<sup>®</sup> Cortex<sup>®</sup>-M0+

## KW20Z

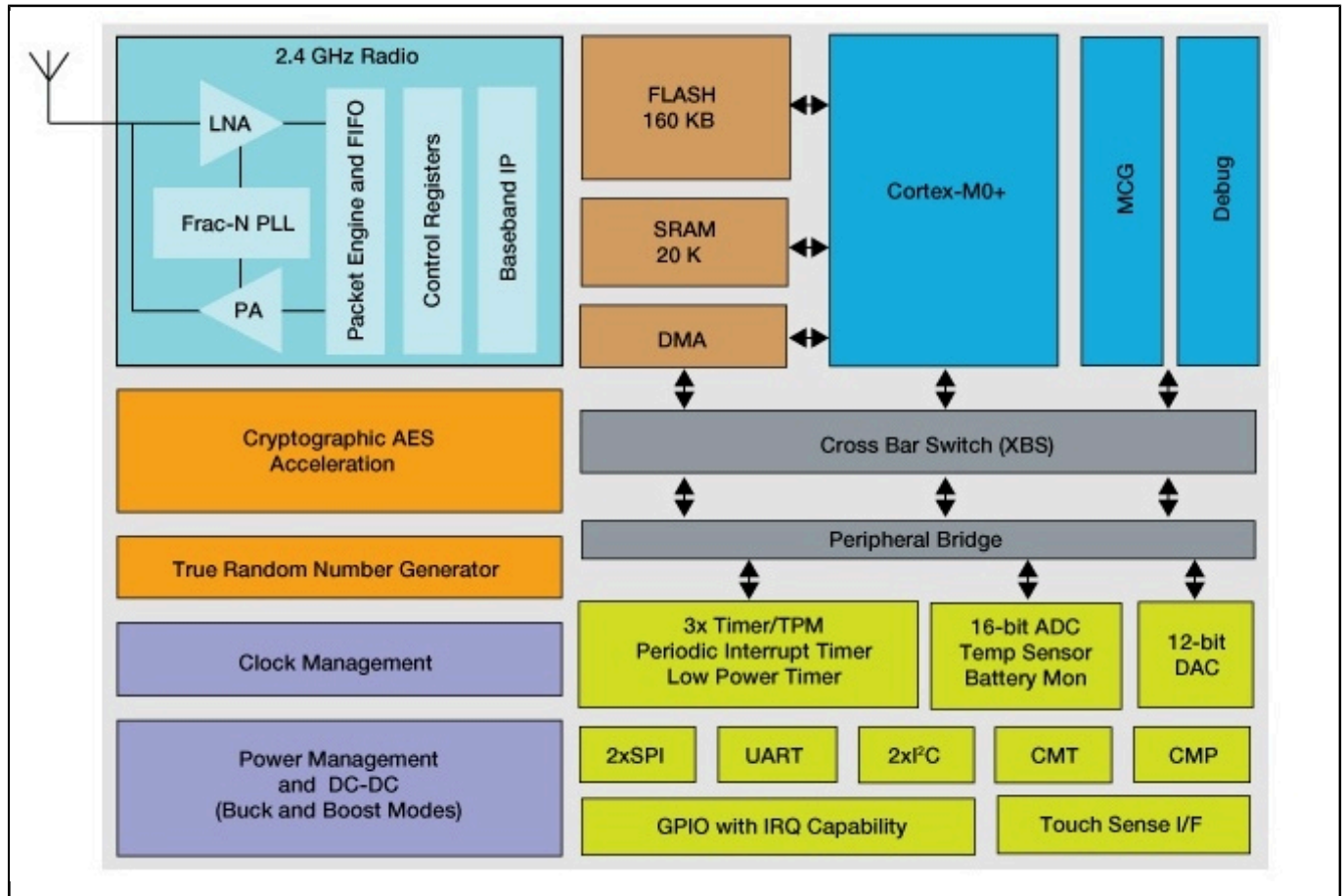
Last Updated: May 18, 2023

Note: [JN5189/88T](#) is preferred for any new new Zigbee<sup>®</sup>, Thread design. No new software releases planned

The KW20Z is an ultra low-power, highly-integrated single-chip device that enables IEEE<sup>®</sup> 802.15.4-2011 RF connectivity for portable, extremely low-power embedded systems. Applications include portable health care devices, access control, security systems, smart energy and home area networks.

The KW20Z Wireless MCU integrates a 2.4 GHz transceiver supporting O-QPSK modulations, an Arm<sup>®</sup> Cortex<sup>®</sup>-M0+ CPU, 160 KB Flash and 20 KB SRAM, 802.15.4 packet processor, hardware security and peripherals optimized to meet the requirements of the target applications.

# Kinetis W Series KW20Z MCUs Block Diagram Block Diagram



View additional information for [Kinetis® KW20Z-2.4 GHz 802.15.4 Wireless Radio Microcontroller based on Arm® Cortex®-M0+](#).

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

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