



Freedom Development Platform for Kinetis® K64, K63, and K24 MCUs

TSP1

Preproduction

This page contains information on a preproduction product. Specifications and information herein are subject to change without notice. For additional information [contact support](#) or your sales representative.

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The Freedom-K64F is an ultra-low-cost development platform for Kinetis® K64, K63, and K24 MCUs.

Form-factor compatible with the Arduino® UNO Rev3 pin layout

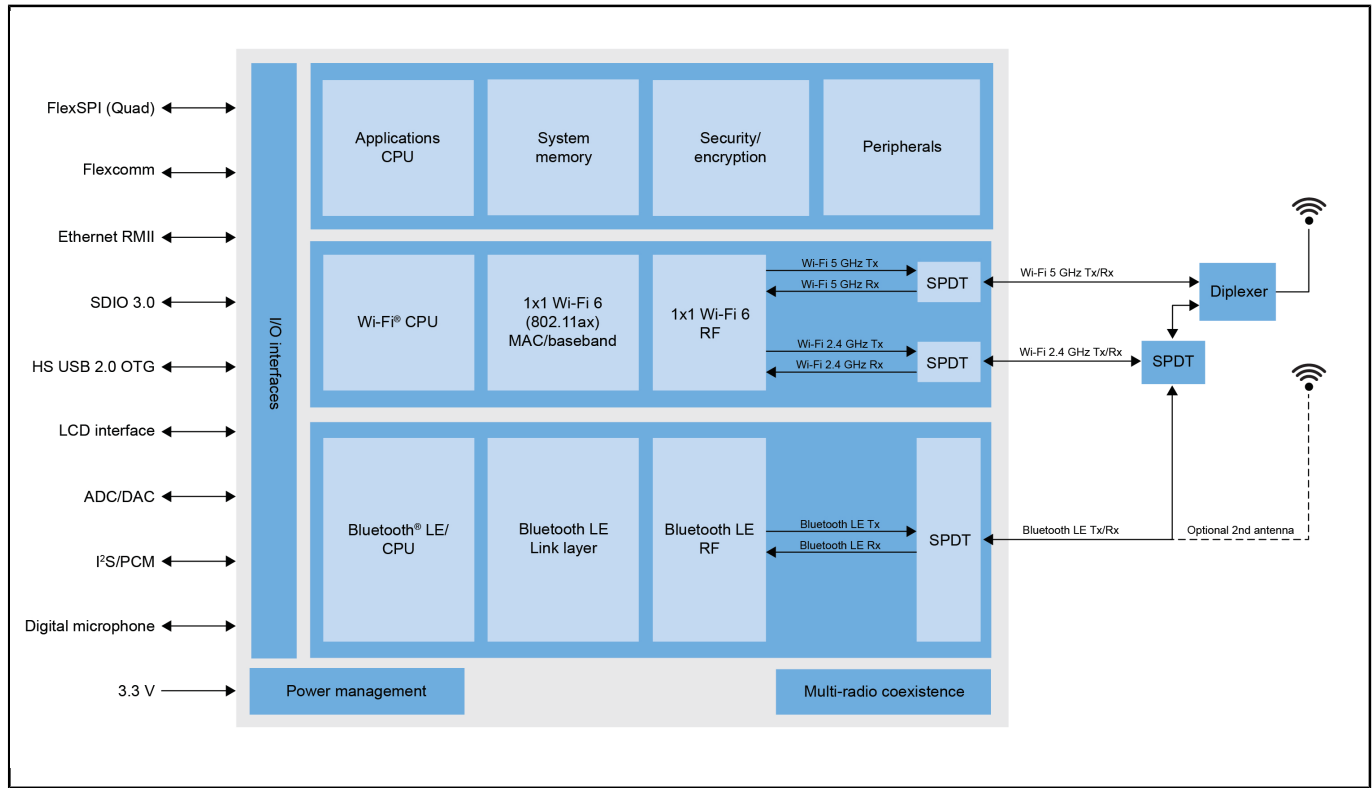
Peripherals enable rapid prototyping, including a 6-axis digital accelerometer and magnetometer to create full eCompass capabilities, a tri-colored LED and 2 user push-buttons for direct interaction, a microSD card slot, and connectivity using onboard Ethernet port and headers for use with Bluetooth® and 2.4 GHz radio add-on modules

OpenSDAv2, the NXP open source hardware embedded serial and debug adapter running an open source bootloader, offers options for serial communication, flash programming, and run-control debugging

The FRDM-K64 is now supported by Arm® Mbed™ OS and Zephyr OS, both open source embedded operating systems for developing the Internet of Things.

[Test Link](#)

RW610 Block Diagram Block Diagram



View additional information for [Freedom Development Platform for Kinetis® K64, K63, and K24 MCUs](#).

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