



FRDM Development Board for MCX C15x/C16x MCUs

FRDM-MCXC162 NEW

Active

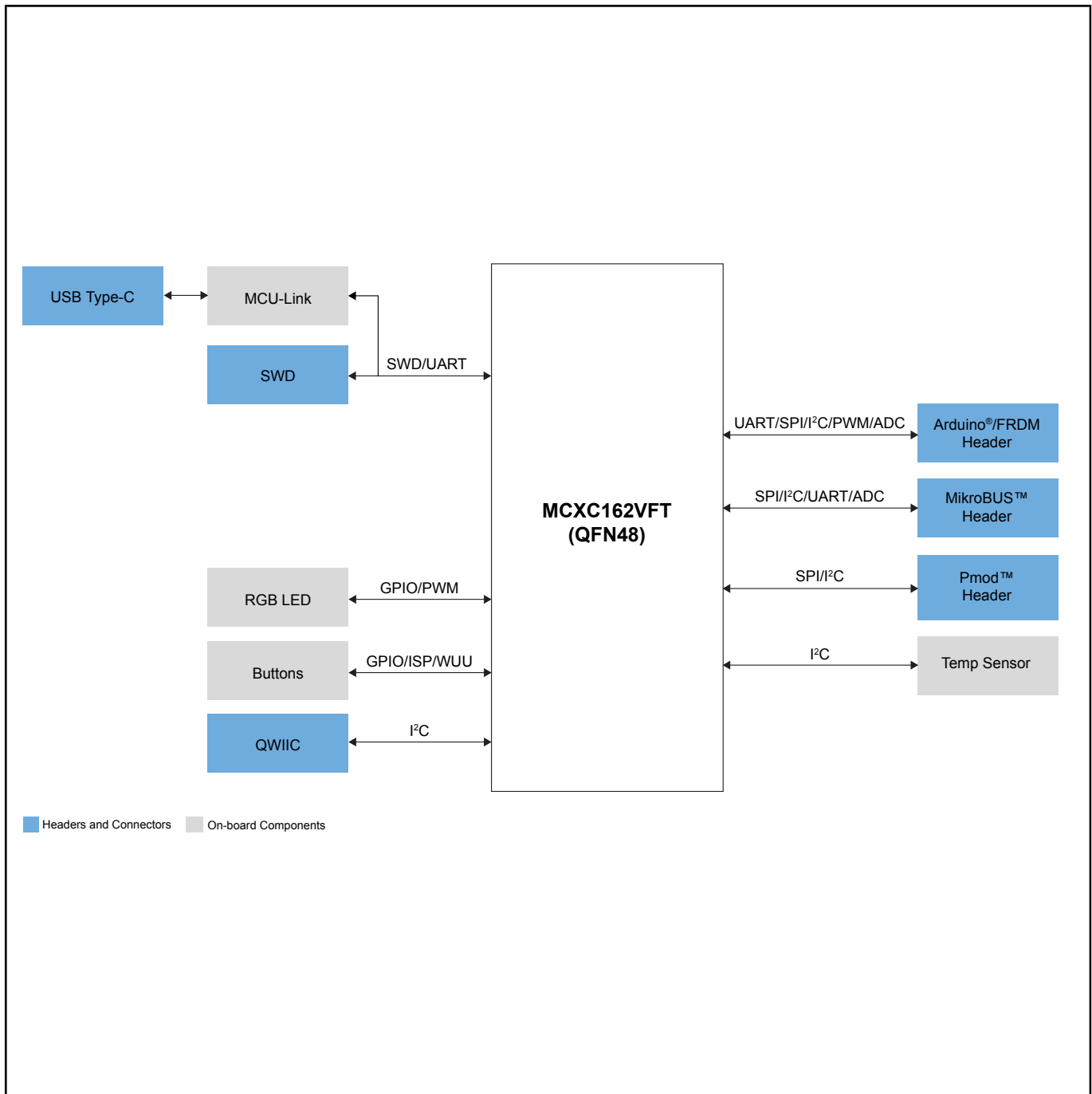
Last Updated: Aug 17, 2026

FRDM-MCXC162 is a compact and scalable development board for rapid prototyping with the [MCXC15 and MCXC16 MCUs](#), ideal for cost-sensitive industrial control, sensing and motor-control applications. It provides industry-standard headers for easy access to the MCU's I/Os, integrated open-standard serial interfaces and an on-board MCU-Link debugger.

Designed to accelerate development of industrial automation, smart sensing, and control node applications, it includes Arduino®, mikroBUS™, Pmod™ and Qwiic® expansion interfaces, along with integrated precision analog and motor-control capabilities to simplify expansion and system prototyping.

Additional tools such as the [Expansion Board Hub \(EBH\)](#) for add-on boards and the [Application Code Hub \(ACH\)](#) for software examples are available through the [MCUXpresso Developer Experience](#).

FRDM-MCXC162 Block Diagram



View additional information for [FRDM Development Board for MCX C15x/C16x MCUs](#).

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. © 2026 NXP B.V.