




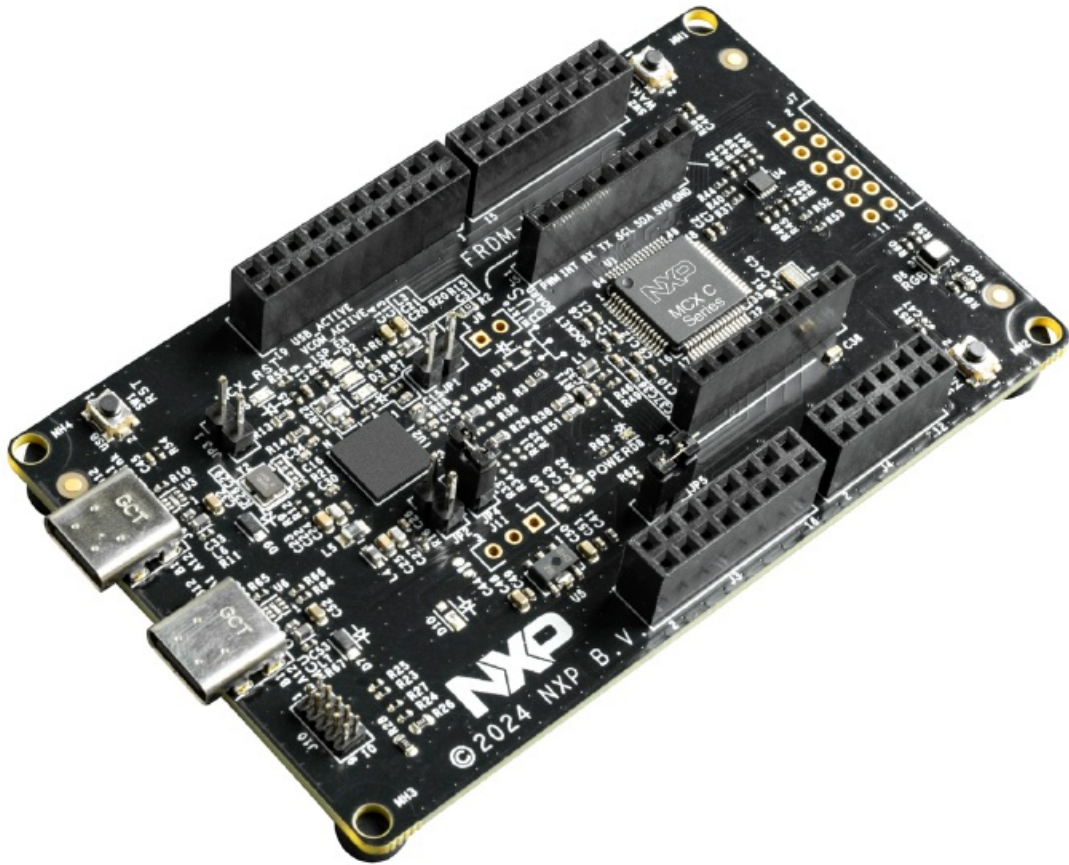
NXP FRDM-MCXC242 Development Board User Guide

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NXP FRDM-MCXC242 Development Board

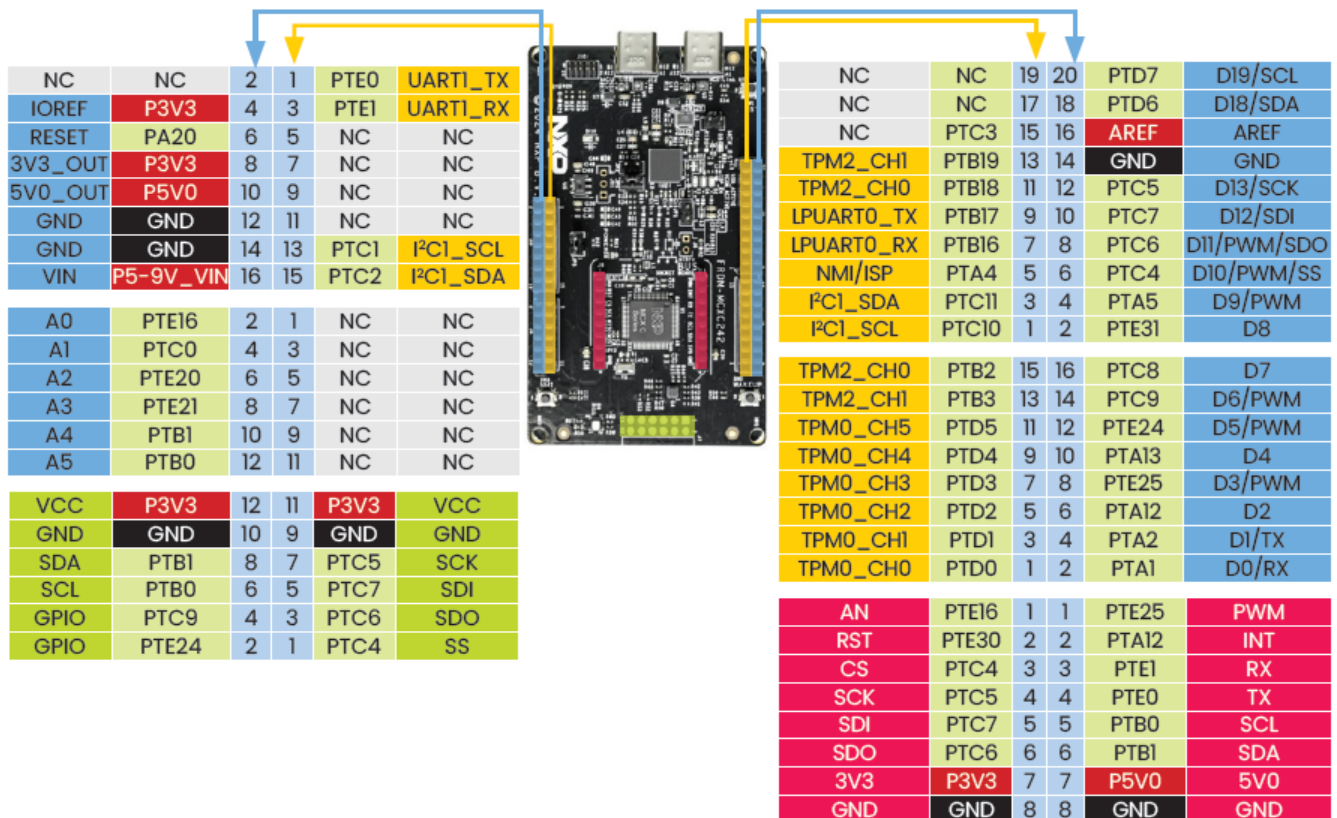


USER GUIDE

MCUXpresso Developer Experience

Get to know the FRDM-MCXC242 development board

NXP's MCUXpresso Developer Experience provides you with cost-effective MCU development boards. Easy I/O access supports expansion board use for fast prototyping and rapid evaluation. Enjoy your FRDM-MCXC242!



- Arduino® Header
- FRDM Header
- mikroBUS™
- Pmod™

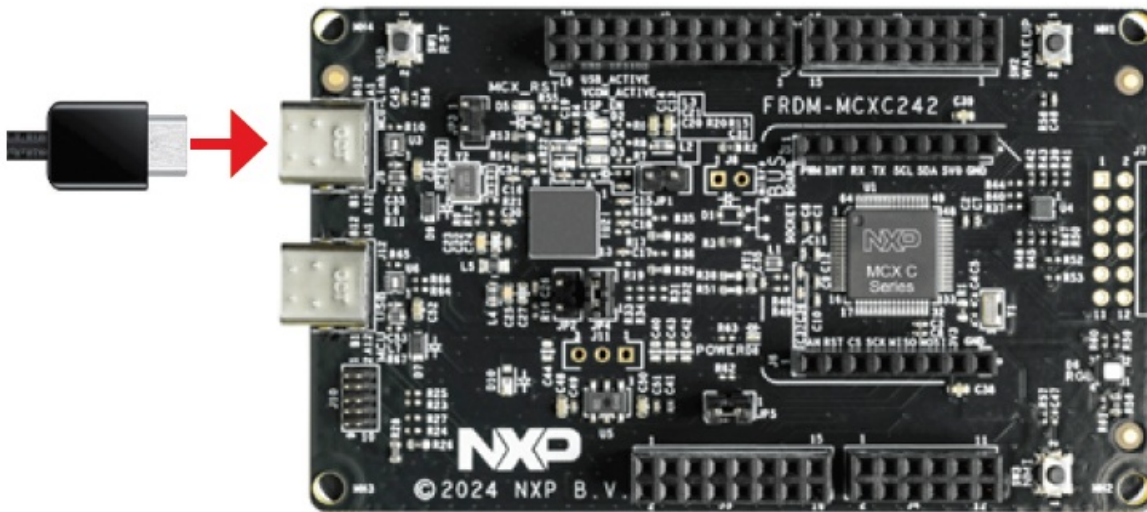
How to get started

Setup

1. Connect the FRDM-MCXC242 board to a PC using the USB Type-C® cable
2. The board comes preprogrammed with a blinky LED demo
3. Get started at nxp.com/FRDM-MCXC242/start Software and expansion boards
4. Use different headers to connect sensors, Arduino shields and more
5. Access software and tools through our MCUXpresso Developer Experience nxp.com/MCUXpresso
 - Expansion Board Hub mcuxpresso.nxp.com/eb-hub to find add-on boards from NXP and our partners with related MCUXpresso SDK-compatible drivers and examples
 - Application Code Hub mcuxpresso.nxp.com/appcodehub to browse application code examples from our experts to help kick start your project

Support

Visit www.nxp.com/support



www.nxp.com/FRDM-MCXC242

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Specifications

- MCU-Link debugger
- J3 Arduino header
- MCU debugger header
- MCU USB
- MCU-Link USB
- SW1 RESET button
- J2 Arduino header
- J4 Arduino header
- MCX C242 MCU SW3 ISP button
- J1 Arduino header SW2 Wake up button
- RGB LED
- Pmod I2C sensor

FAQ

Q: Is the FRDM-MCXC242 board compatible with other NXP development tools?

A: Yes, the FRDM-MCXC242 board is compatible with other NXP development tools that support the same MCU architecture.


Q: Can I use the FRDM-MCXC242 board with Arduino IDE?

A: Yes, you can use the FRDM-MCXC242 board with the Arduino IDE by selecting the appropriate board settings and installing the required libraries.




Q: How do I update the firmware on the FRDM-MCXC242 board?

A: To update the firmware on the FRDM-MCXC242 board, you can follow the instructions provided on the NXP website or use the MCUXpresso tools for firmware updates.

Documents / Resources

 <p>Quick Start Guide MCUXpresso Development Experience</p> <p>FRDM-MCXC242 Development Board</p>	<p>NXP FRDM-MCXC242 Development Board [pdf] User Guide MCX, MCX C, FRDM-MCXC242 Development Board, FRDM-MCXC242, Development Board, Board</p>
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References

-  [Application Code Hub](#)
-  [NXP Expansion Board Hub](#)
-  [Support | NXP Semiconductors](#)
- [User Manual](#)

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