

NXP FRDM-MCXC444 Development Board Owner's Manual

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NXP FRDM-MCXC444 Development Board



Specifications

• Development Board: FRDM-MCXC444

• Debugger: MCU-Link debugger MCXC444 MCU

• Interface: I2C, USB

• Buttons: RESET, ISP, Wake up

• Sensors: Visible light SLCD sensor, I2C sensor

• Headers: J3, J2, J4, J1 Arduino headers

• Power Input: VIN P5-9V_VIN, 5V0_OUT, 3V3_OUT, P3V3

FAQs

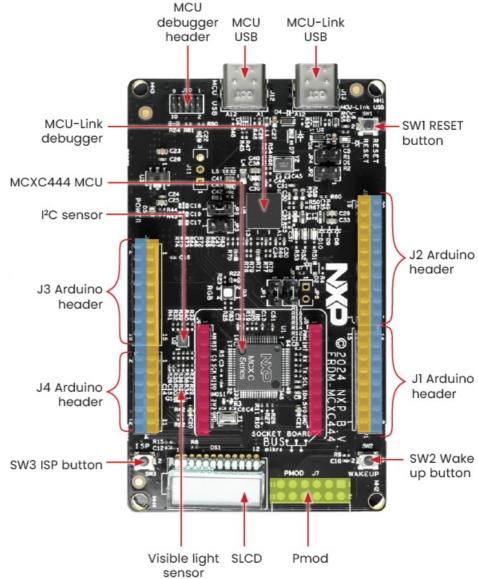
- Q: Is the FRDM-MCXC444 development board compatible with Arduino shields?
 - A: Yes, the board features Arduino headers (J3, J2, J4, J1) for connecting Arduino shields.
- Q: Can I use the FRDM-MCXC444 for rapid prototyping?
 - A: Absolutely! The MCU-Link debugger and easy I/O access make it ideal for fast prototyping and evaluation.
- Q: How can I access the sensors on the FRDM-MCXC444 board?
 - **A:** The board includes I2C and visible light SLCD sensors that can be accessed through the appropriate headers and interfaces.

Get to know

Get to know the FRDM-MCXC444 development board

• NXP's MCUXpresso Developer Experience provides you with cost-effective MCU development boards.

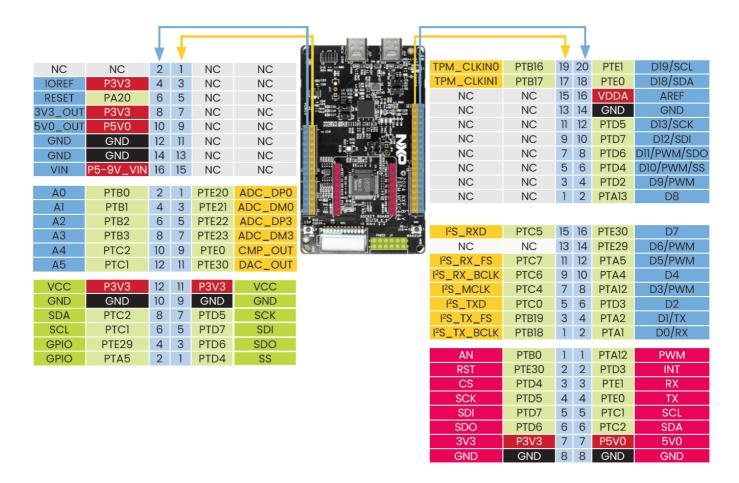
- Easy I/O access supports expansion board use for fast prototyping and rapid evaluation.
- Enjoy your FRDM-MCXC444!





Quick Start Guide

Quick Start Guide FRDM-MCXC444



How to get started

Setup



- 1. Connect the FRDM-MCXC444 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-MCXC444/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 <u>mcuxpresso.nxp.com/eb-hub</u> to find add-on boards from NXP and our partners with related MCUXpresso SDK-compatible drivers and examples
 - Application Code Hub <u>mcuxpresso.nxp.com/appcodehub</u> to browse application code examples from our experts to help kick start your project

Support

- Visit www.nxp.com/support.
- www.nxp.com/FRDM-MCXC444.
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• Document Number: MCXC444QSG REV 0

• Agile Number: 975-93440 REV A

Documents / Resources



NXP FRDM-MCXC444 Development Board [pdf] Owner's Manual

MCX, MCX C, FRDM-MCXC444 Development Board, FRDM-MCXC444, Development Board, B oard

References

- Application Code Hub
- NXP Expansion Board Hub
- Support | NXP Semiconductors
- User Manual

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