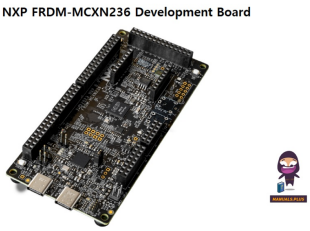

NXP FRDM-MCXN236 Development Board User Guide

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NXP FRDM-MCXN236 Development Board

Product Information

Specifications

- Development Board: FRDM-MCXN236
- Partnership: NXP’s MCUXpresso Developer Experience
- Features:
  - MCU USB
  - MCU SWD CAN Header
  - Pmod DMIC Sensor
  - RGB LED
  - External Flash W25Q64JVSSIQ
  - Accelerometer
  - SmartDMA
  - Camera Header

Product Usage Instructions

Getting Started

1. Unbox the FRDM-MCXN236 development board.
2. Connect the necessary cables and power source to the board.
3. The board comes preprogrammed with a blinky LED demo.
4. For more detailed instructions, visit **nxp.com/FRDM-MCXN236/start**.

Software and Expansion Boards

1. Utilize different headers to connect sensors, Arduino shields,and other expansion boards.
2. Access software and tools through the MCUXpresso Developer Experience provided by NXP.

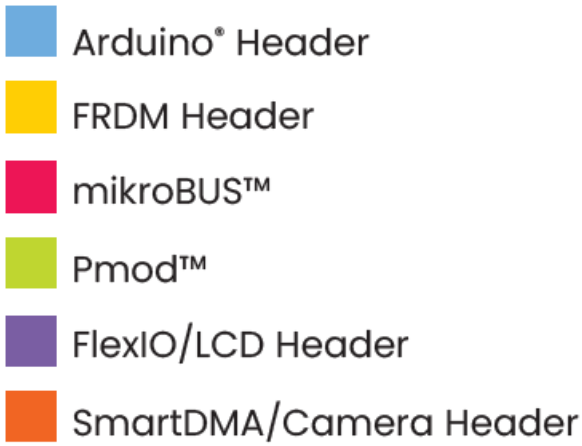
Support
For any assistance or queries, visit **www.nxp.com/support** for a list of phone numbers within your region.

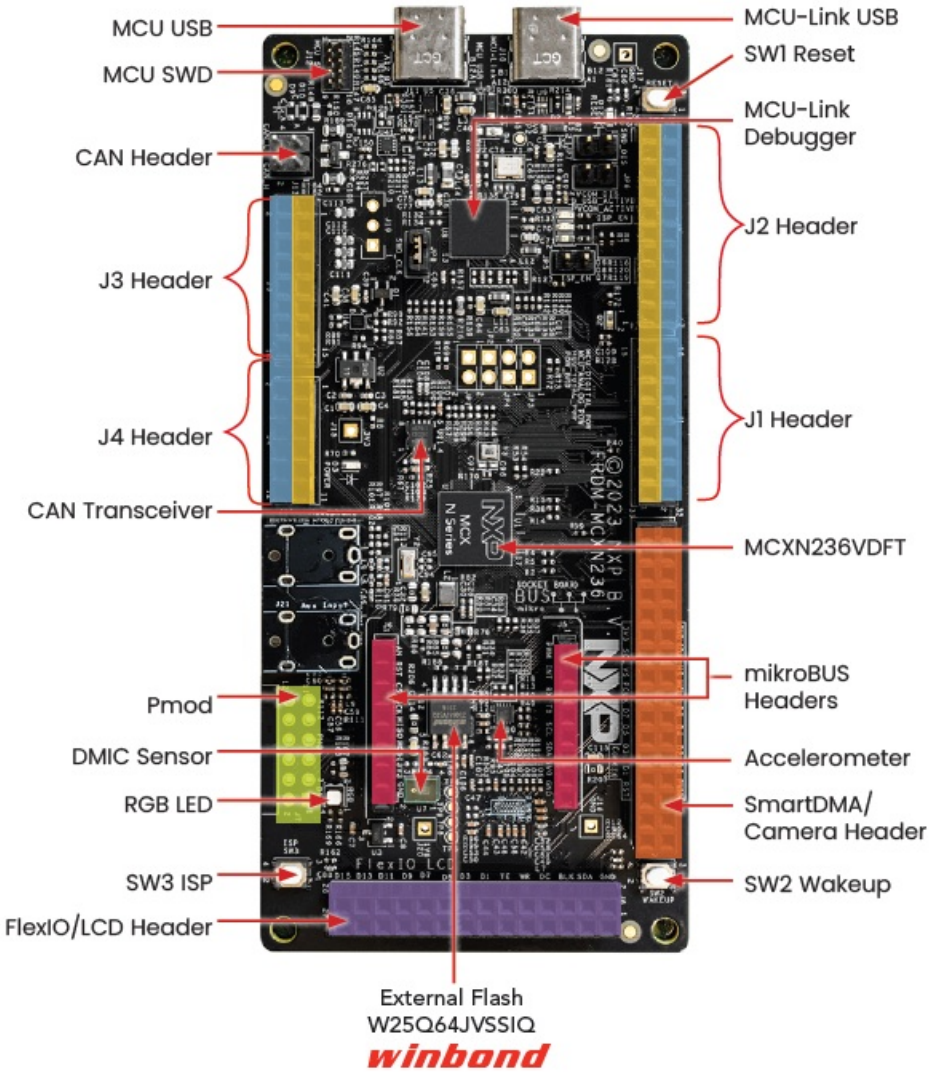
FAQ

- Q: Is the FRDM-MCXN236 development board compatible with Arduino shields?
  A: Yes, the board supports Arduino shields for expanded functionality.
- Q: Can I use the FRDM-MCXN236 board for rapid prototyping?
  A: Absolutely, the easy I/O access and support for expansion boards make it ideal for fast prototyping and evaluation.
- Q: How do I access the preprogrammed blinky LED demo?
  A: Upon powering up the board, the blinky LED demo should run automatically. If not, refer to the provided documentation for troubleshooting steps.

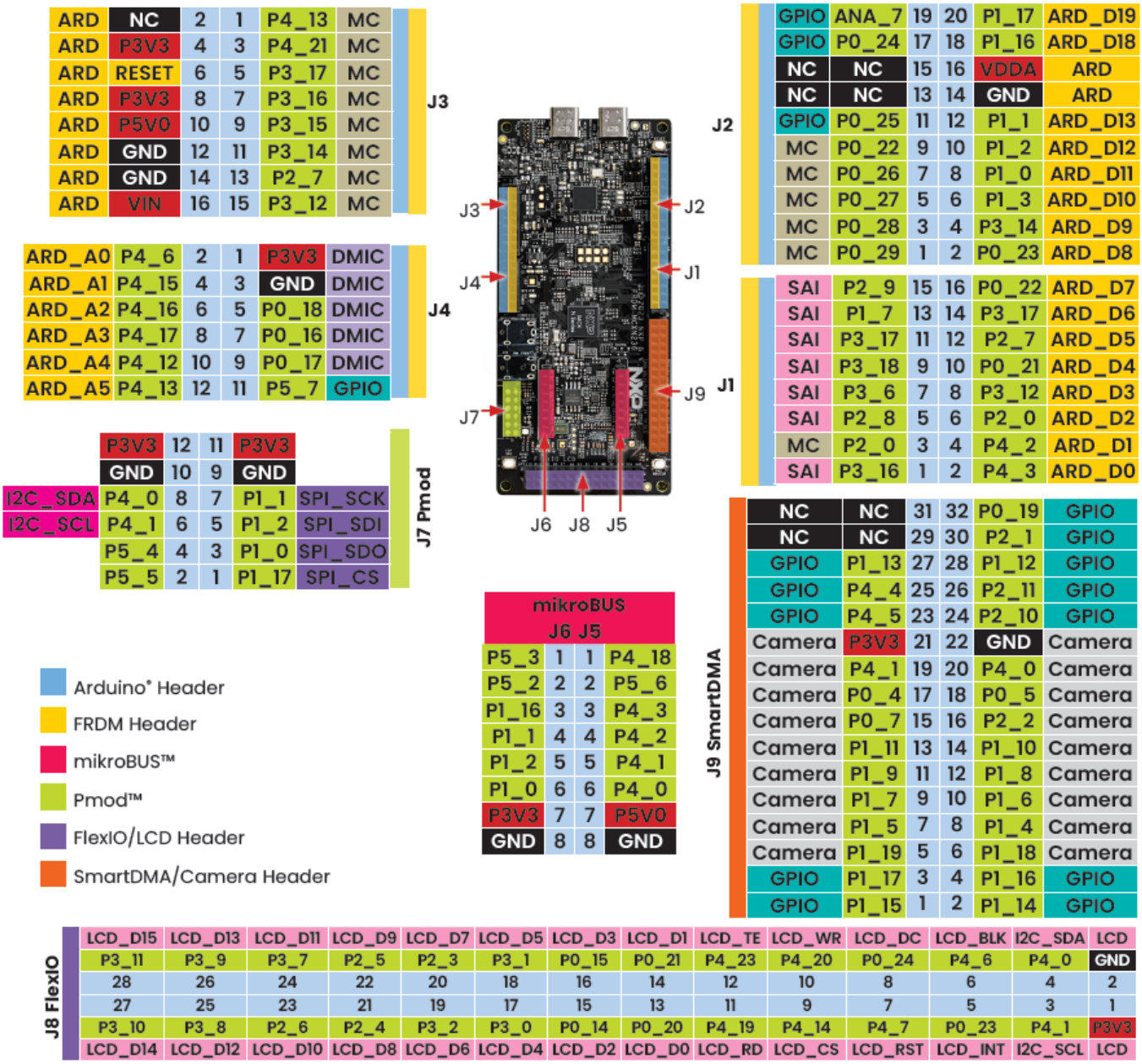
Get to know the FRDM-MCXN236 development board

- 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 FRDMMCXN236!

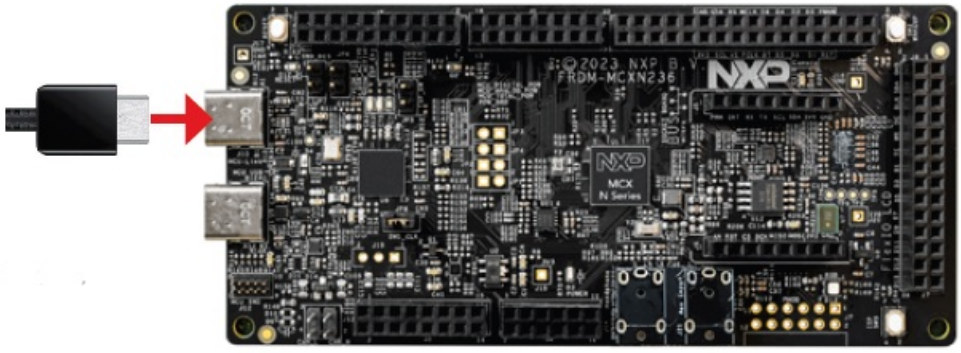




Quick Start Guide FRDM-MCXN236



SETUP



1. Connect the FRDM-MCXN236 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-MCXN236/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
    1. 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
    2. 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** for a list of phone numbers within your region.
www.nxp.com/FRDM-MCXN236
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Document Number: MCXN236QSG REV 1

Documents / Resources

	NXP FRDM-MCXN236 Development Board [pdf] User Guide MCXN236QSG, MCXN236VDFT, FRDM-MCXN236 Development Board, FRDM-MCXN236, Development Board, Board

References

- **User Manual**

Manuals+, Privacy Policy

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