



NXP FRDM ecosystem

Design without bounds



At NXP, we believe in empowering engineers with the FRDM to innovate. Whether you're an experienced developer or just getting started, our FRDM ecosystem offers low-cost hardware and software and tools to accelerate development and simplify prototyping.

Kickstart with FRDM: 1, 2, 3, Go!

Easy development journey and extensive ecosystem to simplify your design.



Software & Tools

IDEs, MCUXpresso SDK, programming & secure provisioning, configuration tools, eIQ® for ML applications, HMI design software



Modular Hardware

FRDM Boards

Cost-effective development boards for fast prototyping & evaluation

Expansion Boards

Add-on boards to expand FRDM board features with software support from NXP & partners

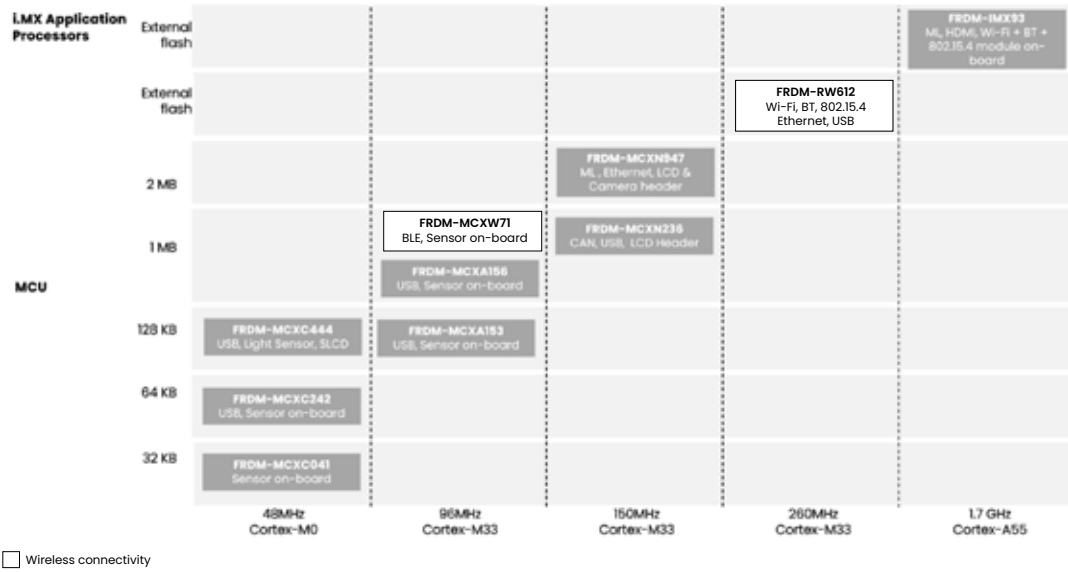


Application Code

Leverage our [application code hub](#) with SDK and GitHub compatibility to access 100+ code snippets, application notes and more

2024 FRDM Boards Scalability

Explore FRDM, starting at just \$10



Flexible & Rapid Development Platform for MCUs & MPUs

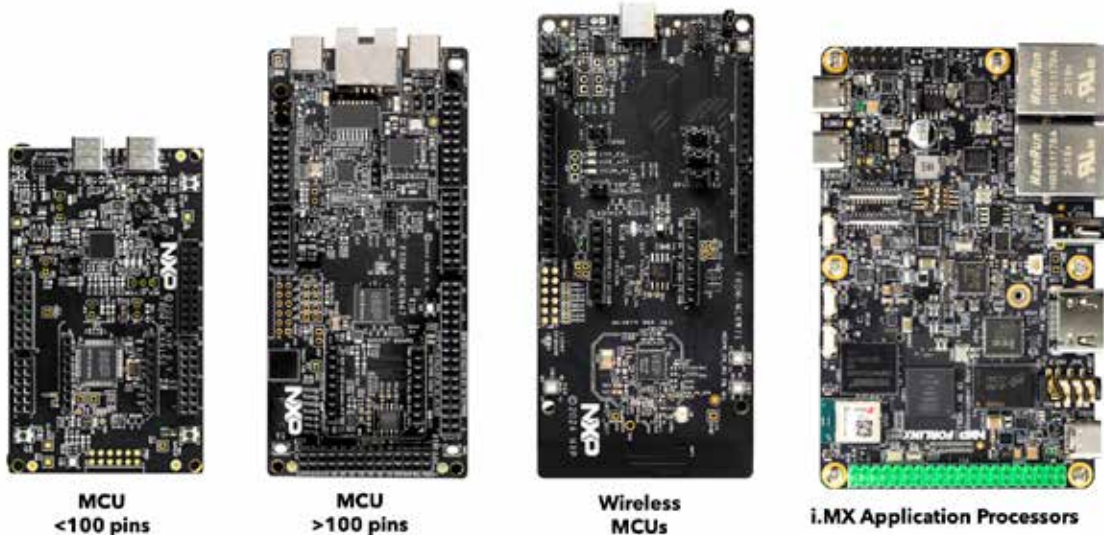
General Purpose and Wireless MCUs

- MCU-Link debugger
- On-board sensors
- Ethernet*, USB, CAN*
- Common headers
- Arduino®
- FRDM*
- Pmod™
- mikroBUS™
- FlexIO header*

* Optional

MPUs

- On-board wireless combo (Wi-Fi + Bluetooth Low Energy)
- Ethernet
- USB
- HDMI
- MIPI DSI/CSI
- M.2 connector
- MicroSD card connector
- 2x20 Expansion Interface*



Visit [nxp.com/FRDM](https://www.nxp.com/FRDM)

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