



# NXP FRDM ecosystem

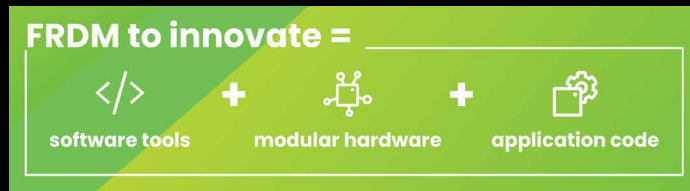
## Design without bounds



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

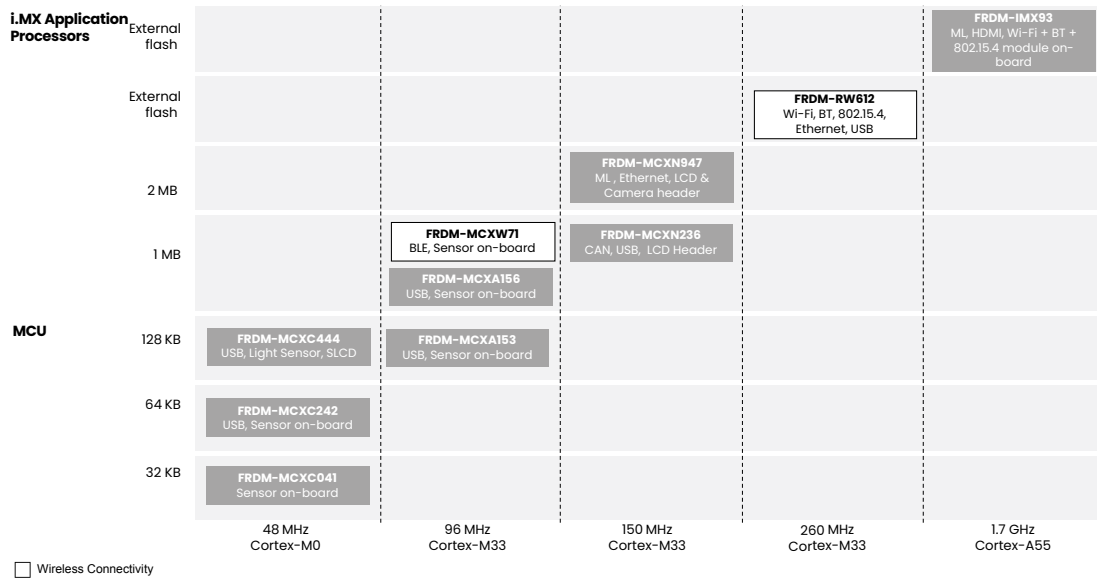


#### Application Code

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

# 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™

\* Optional

### MPUs

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



MCU <100 pins

MCU <100 pins

Wireless MCUs

i.MX application processors

Visit [nxp.com/FRDM](http://nxp.com/FRDM)

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