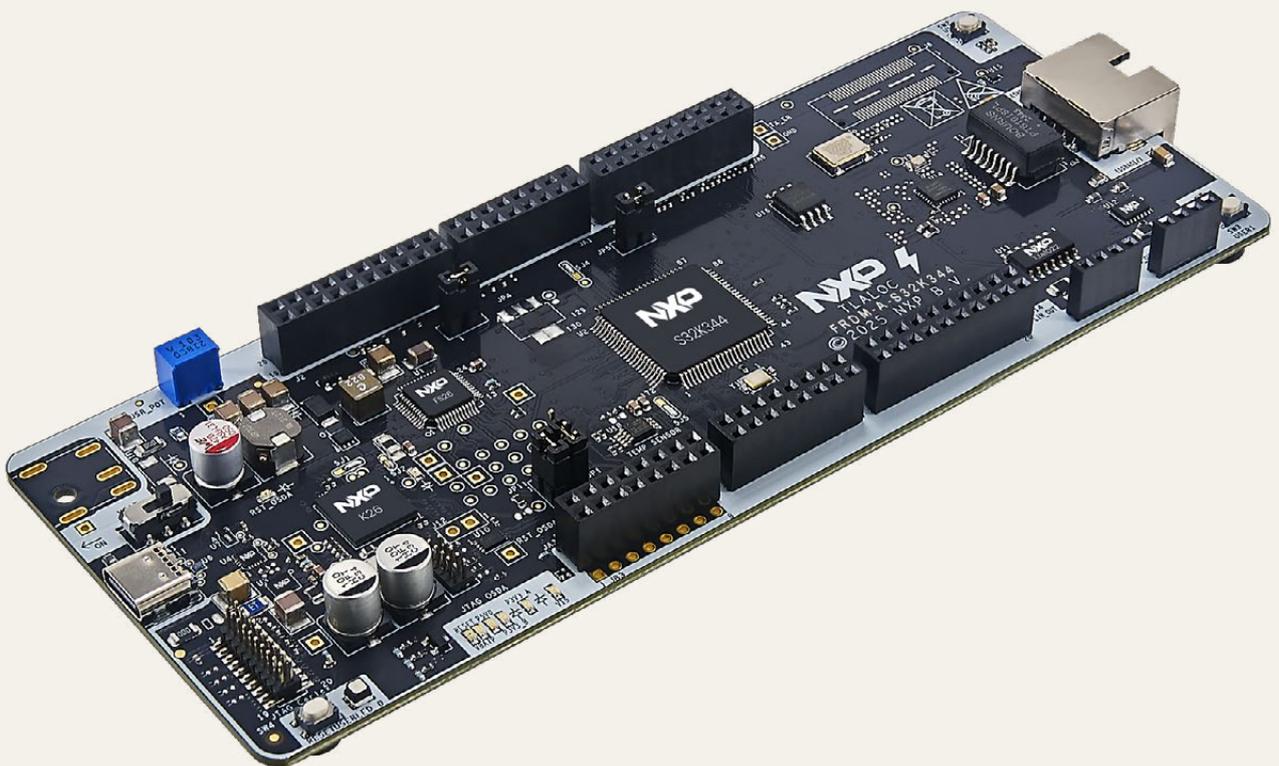




FRDM automotive ecosystem

Design without bounds



FRDM to innovate =



Software and tools

Comprehensive software tools for seamless prototyping and rapid development



modular hardware

Scale your project with modular, quick-start FRDM and expansion boards



application code

Leverage our application code hub to access our code snippets, application notes, demos, and more

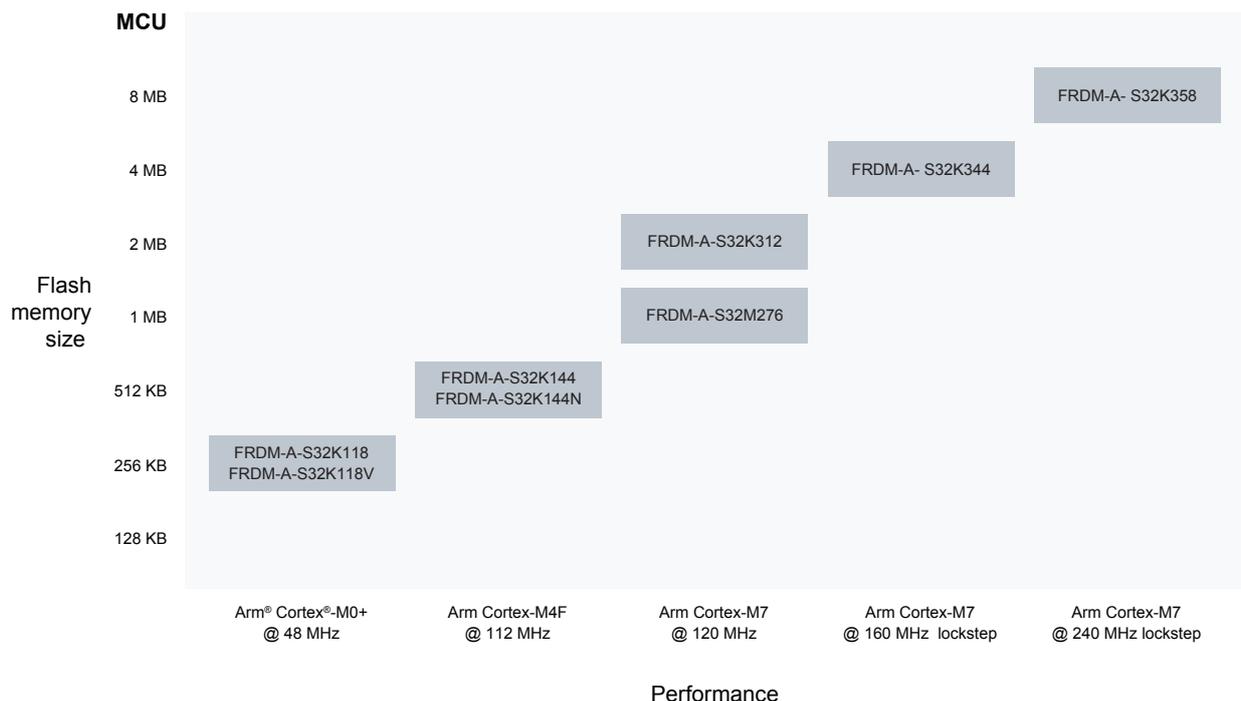
FRDM automotive boards

Cost-effective development boards for fast prototyping and evaluation

Expansion boards

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

FRDM boards scalability



General Purpose MCU

FRDM ecosystem

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.

Flexible and rapid development platform for automotive MCUs

General purpose MCUs

- On-board debugger
- On-board PMIC
- USB-C
- Ethernet*, USB, CAN* PHYs

- MicroSD card connector*
- Common headers
 - Arduino®
 - FRDM*

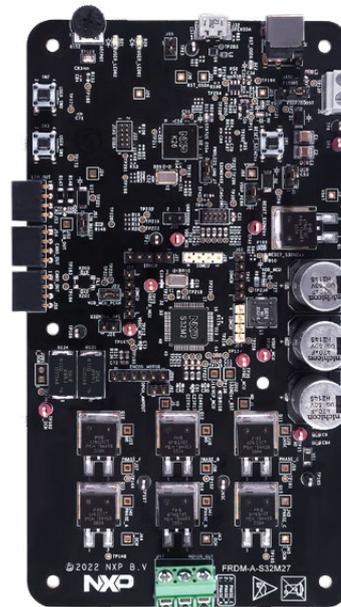
* Optional



MCU
<100 pins



MCU
>100 pins



Motor control

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