



# Ultra-Reliable MPC574xB/C/G MCUs for Automotive and Industrial Control and Gateway

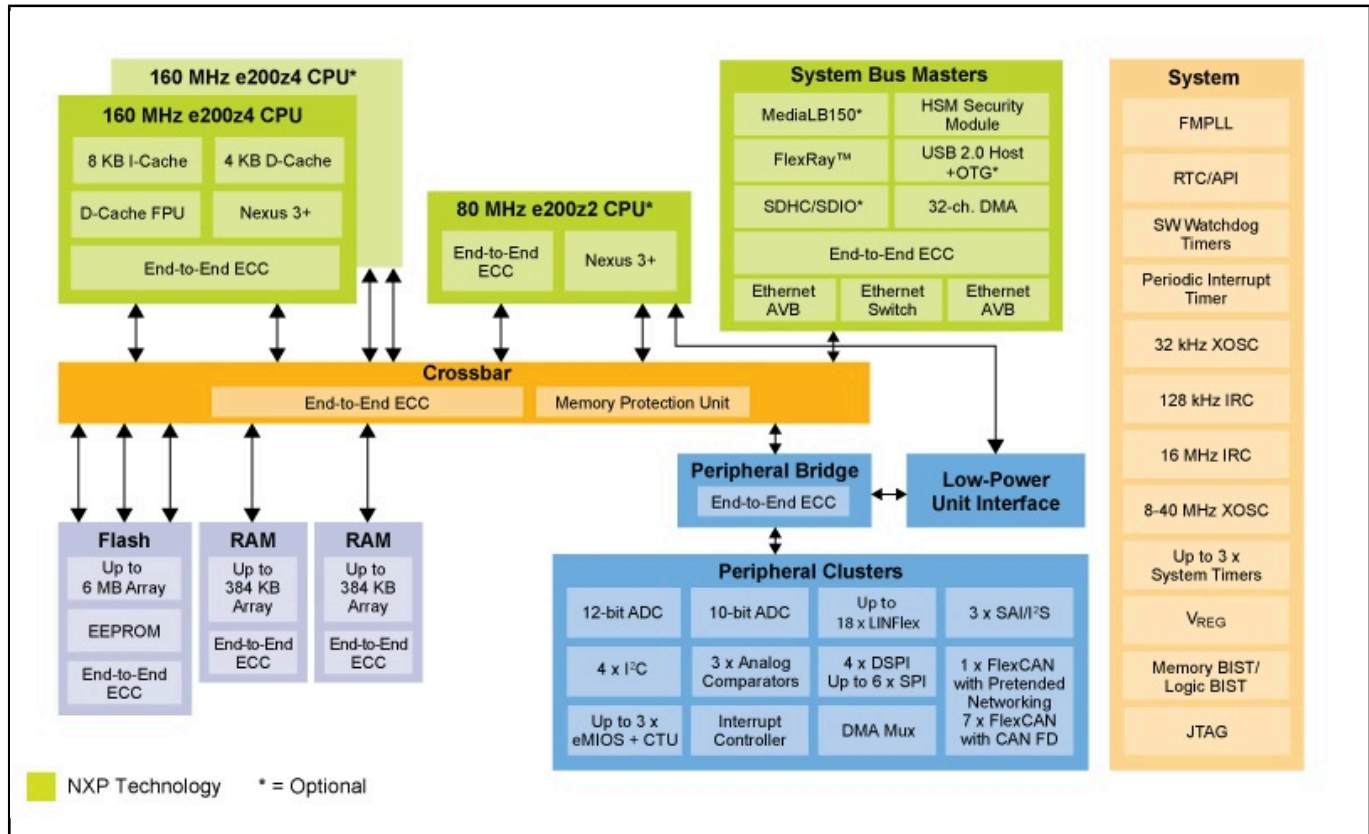
## MPC574xB-C-G

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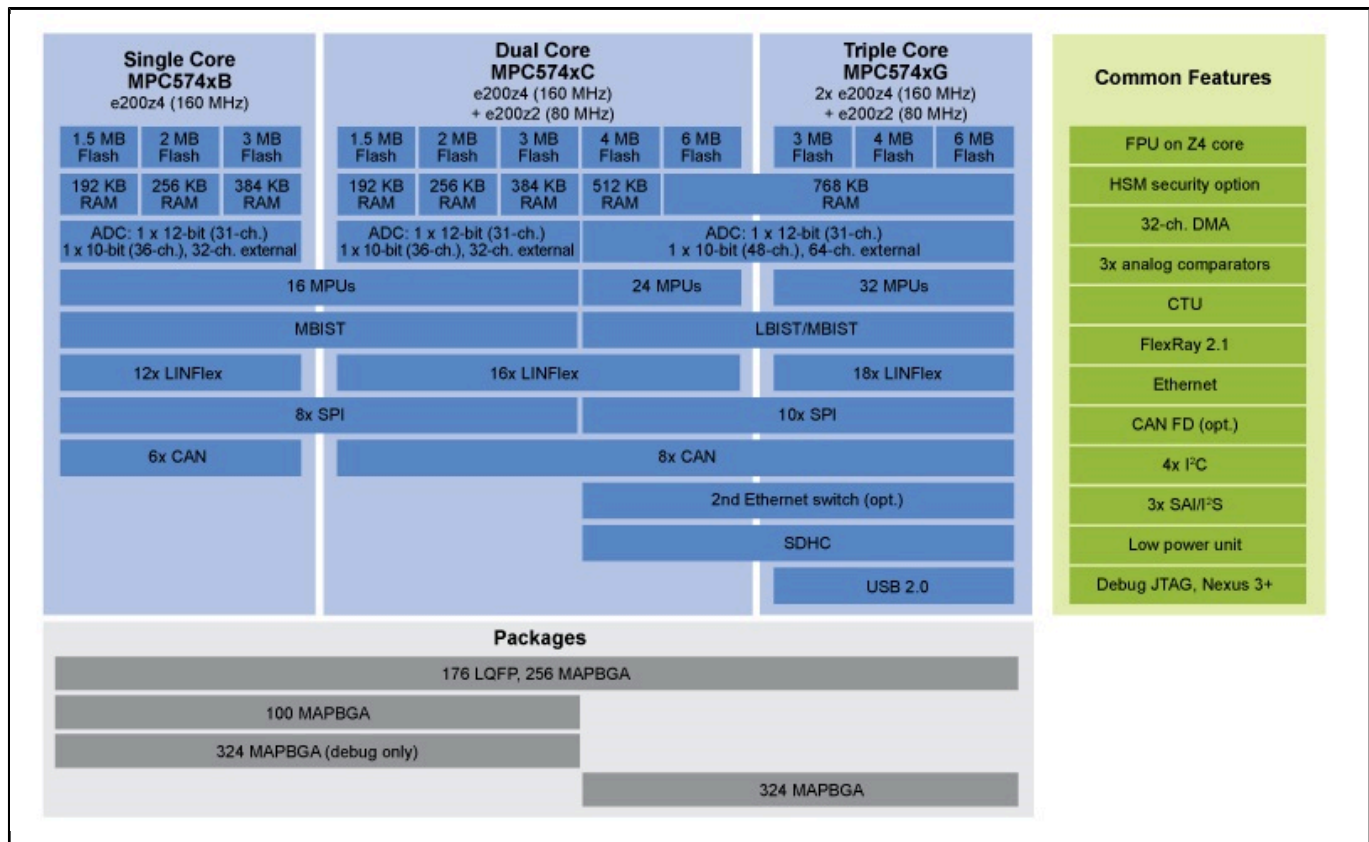
The MPC574xB/C/G family of MCUs (eg. MPC5746C, MPC5748G) provides a highly integrated, safe and secure single-chip solution for next-generation central body control, gateway and industrial applications.

- Enhanced low-power capabilities provide Increased functionality with more efficient operation
- Hardware security module protects ECUs against various attack scenarios
- Functional safety support simplifies compliance for automotive safety systems targeting ISO 26262 and higher-end ASIL levels
- Comprehensive development tools simplify and accelerate system design
  - Complimentary S32 Design studio IDE with automotive-grade Software Development Kit (SDK)
  - AUTOSAR® MCAL and OS in a 3rd party ecosystem
  - Various Evaluation boards available to get started

## NXP MPC5748G Family Block diagram Block Diagram



## MPC574xB/C/G MCU BLOCK DIAGRAM Block Diagram



View additional information for [Ultra-Reliable MPC574xB/C/G MCUs for Automotive and Industrial Control and Gateway](#).

**Note:** The information on this document is subject to change without notice.

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