



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

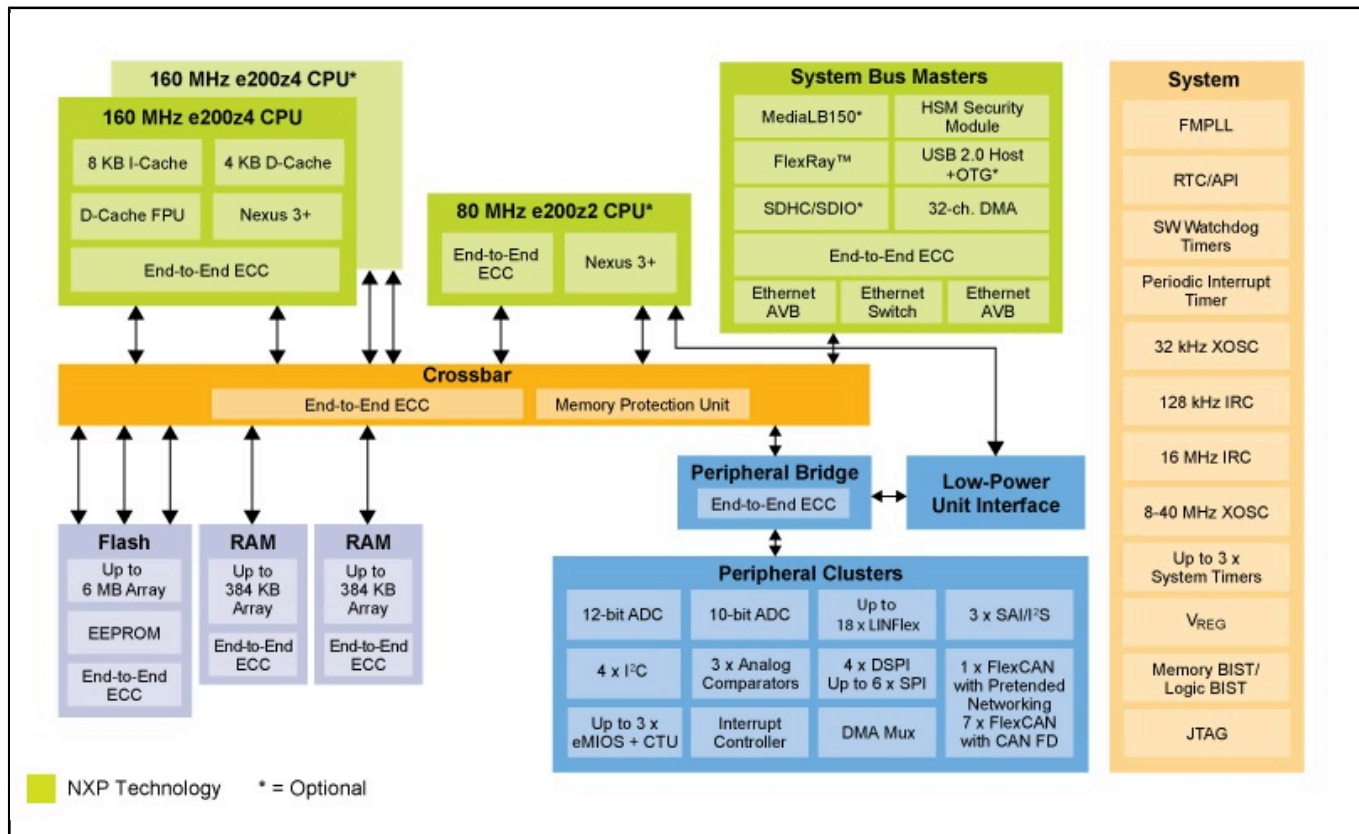
MPC574xB-C-G

Last Updated: Mar 24, 2023

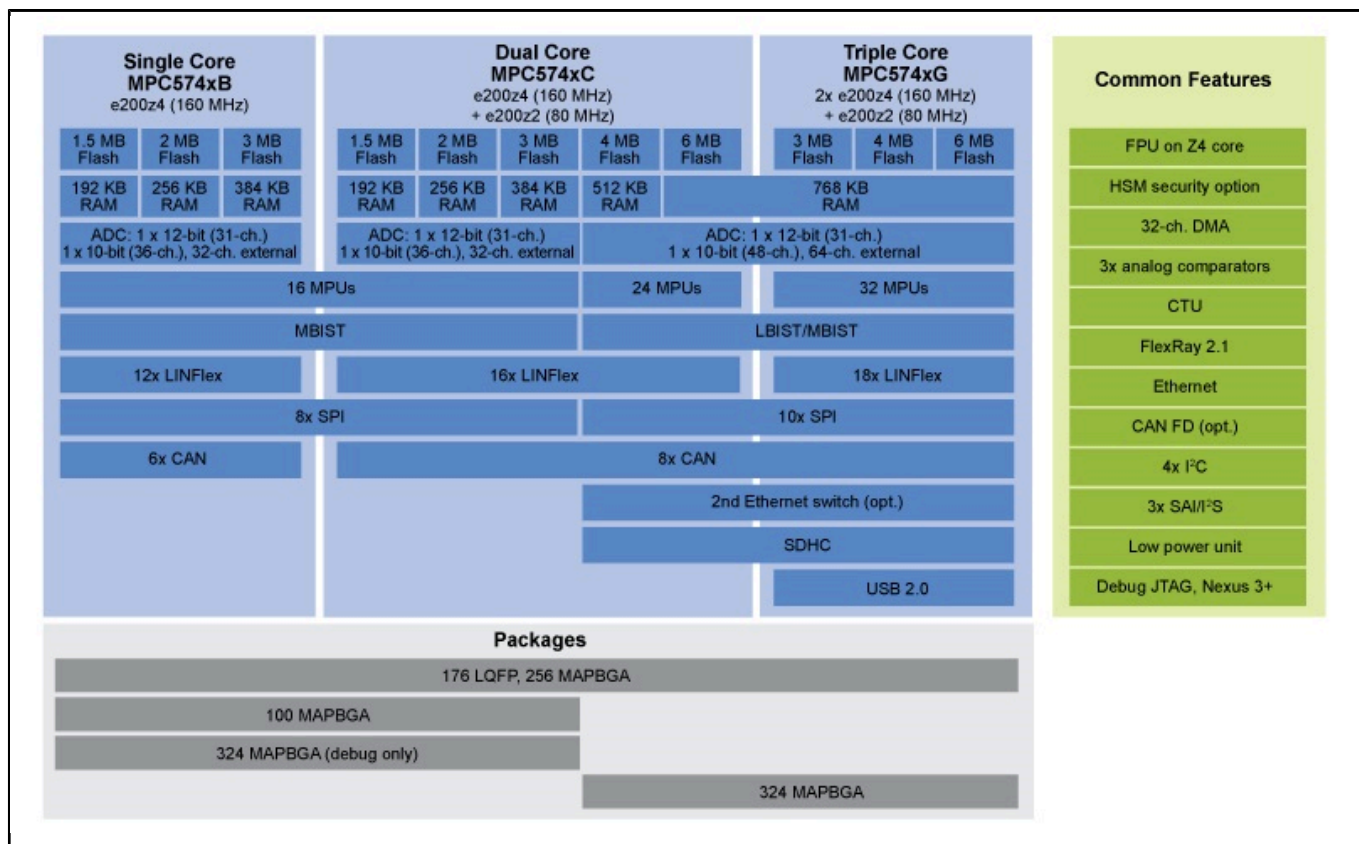
The MPC574xB/C/G family of MCUs (eg. MPC5746C, MPC5748G) provides a highly integrated, safe and secure single-chip solution for next-generation central body control, gateway and industrial applications.

- 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.

www.nxp.com

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2024 NXP B.V.