



# 超可靠的双核**32**位MCU，适用于汽车和工业控制应用

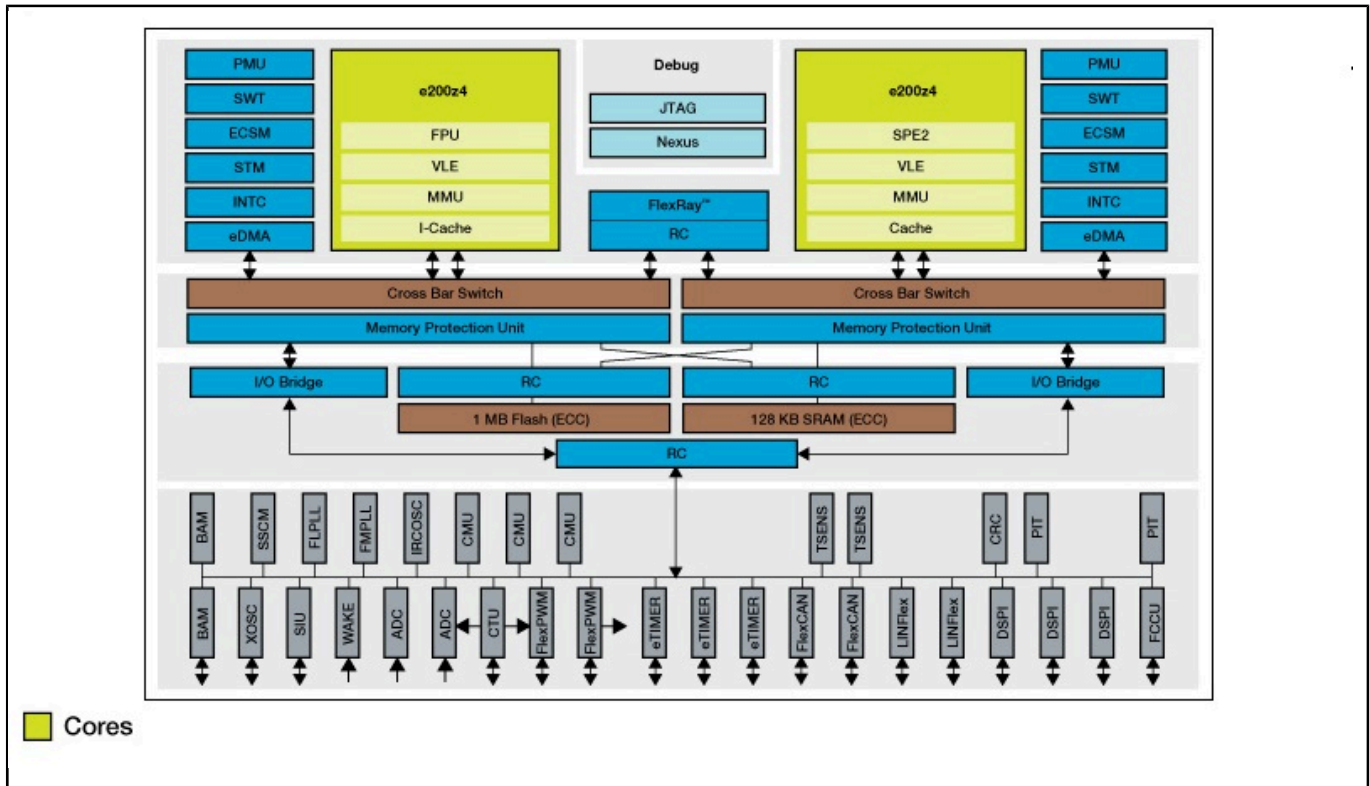
## MPC564xL

Last Updated: Nov 9, 2022

MPC5643L 32位MCU基于Power Architecture®技术，将关键的功能安全特性集成在一个芯片上，降低了设计的复杂性和组件数量。它专为满足ISO 26262安全标准最严苛的ASIL D等级要求而设计。

- 双核、双指令执行架构支持更高性能，同时采用更低功率
- 锁步模式为冗余处理和计算提供软件环境
- 去耦的并行模式支持需要最大性能或软件多样性的应用
- 面向电机控制等实时应用的精确和确定性的控制定时
- SafeAssure®功能安全解决方案

# MPC564XL Microcontroller Block Diagram Block Diagram



View additional information for [超可靠的双核32位MCU，适用于汽车和工业控制应用](#).

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

[www.nxp.com](http://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.