



32-bit MCU for Body Electronics Applications

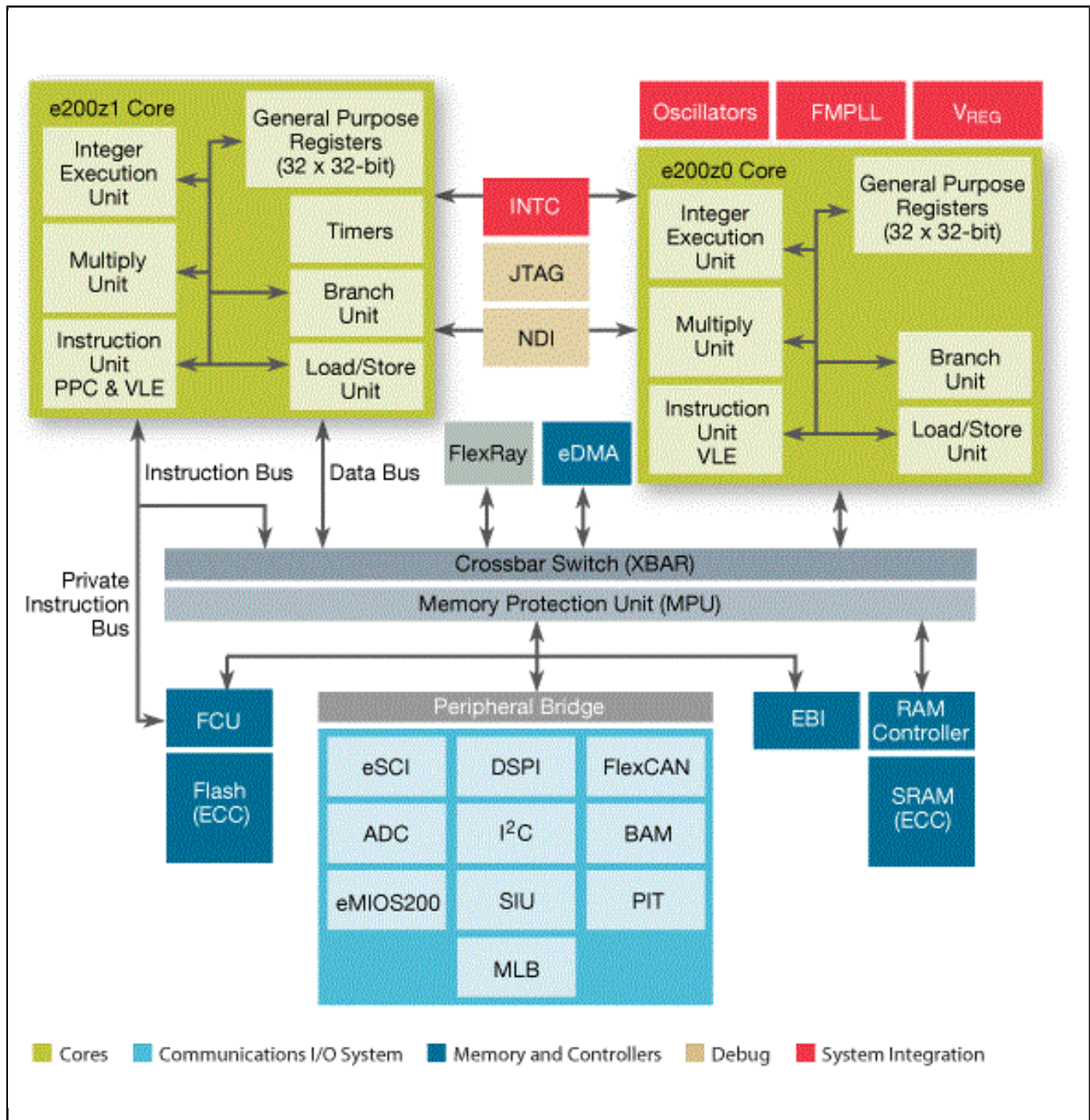
MPC5510

Last Updated: Apr 1, 2025

恩智浦MPC5510 MCU针对车身电子而设计，属于汽车产品的扩展系列，旨在迎接中央车身和车辆网关应用的下一次浪潮。

- 提供高性能，同时继续满足低功耗要求
- 支持集中式架构，从而减少分布式电子控制单元(ECU)的数量、降低车辆结构的复杂性
- 提供广泛的通信功能(如FlexRay、多CAN和LIN支持)
- 采用范围从512 KB到1.5 MB嵌入式闪存的可扩展系列，提供了成长空间
- 获得第三方生态系统的开发工具和软件支持

MPC5510 Block Diagram Block Diagram



View additional information for [32-bit MCU for Body Electronics Applications](#).

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. © 2025 NXP B.V.