



# 32-bit MCU for Body Electronics Applications

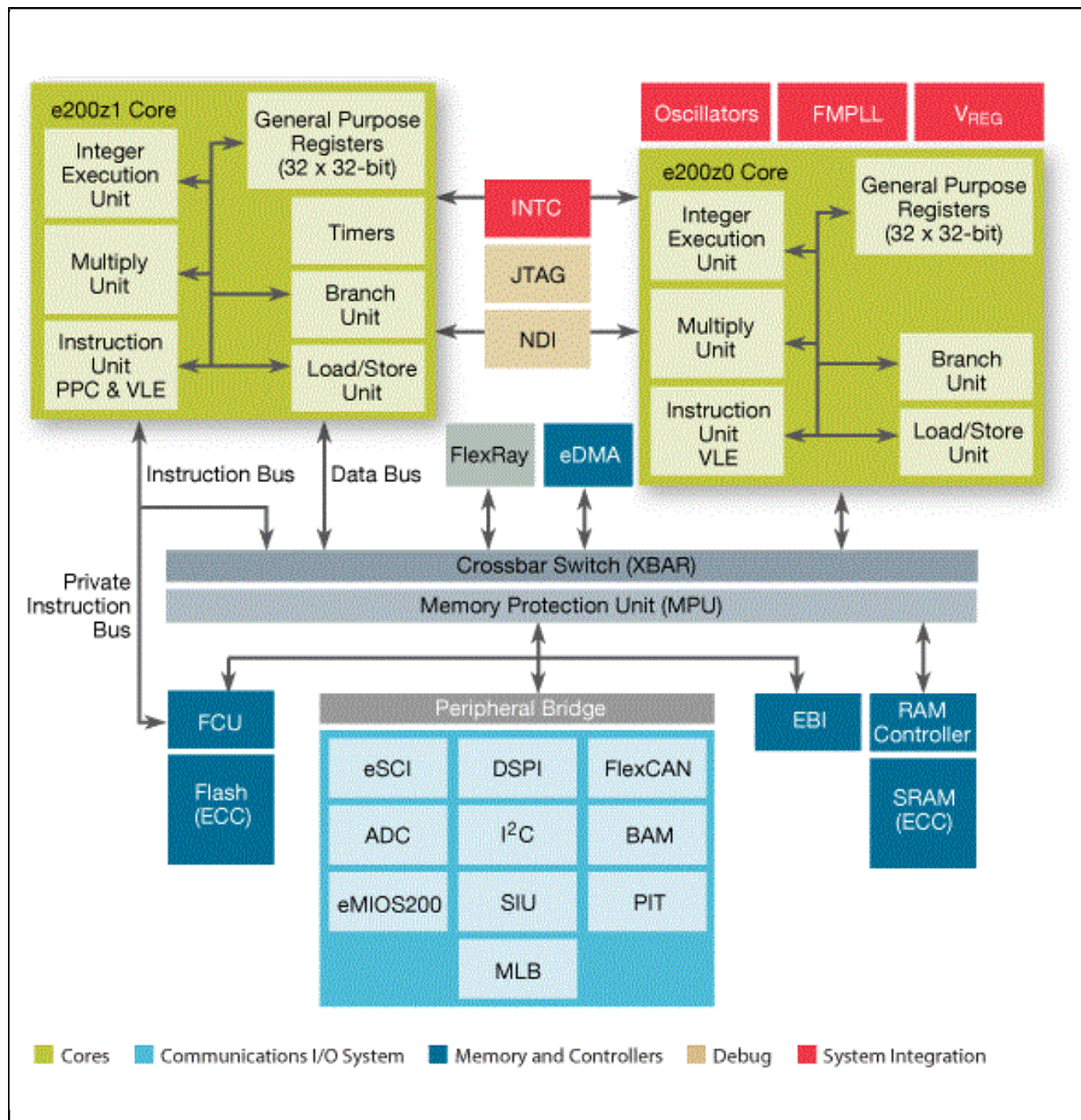
## MPC5510

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Designed for body electronics, the NXP MPC5510 MCU belongs to an expanding family of automotive-focused products that address the next wave of central body and gateway applications within the vehicle.

- Offers high-performance while continuing to meet low-power requirements
- Enables centralized architectures, which reduce the number of distributed ECUs and complexity of vehicle architectures
- Provides extensive communication capabilities (e.g., FlexRay, multiple CAN and LIN support)
- Offers room to grow with scalable family ranging from 512 KB up to 1.5 MB of embedded flash
- Backed by a third-party ecosystem of development tools and software

## MPC5510 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.

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