MPC8536E Communications Processors

MPC8536E

Not Recommended for New Designs

MPC8536 device is "Not recommended for new designs", please use the replacement families Power Architecture (T1023, T1040 ,T1042), Arm Architecture (LS1023A).
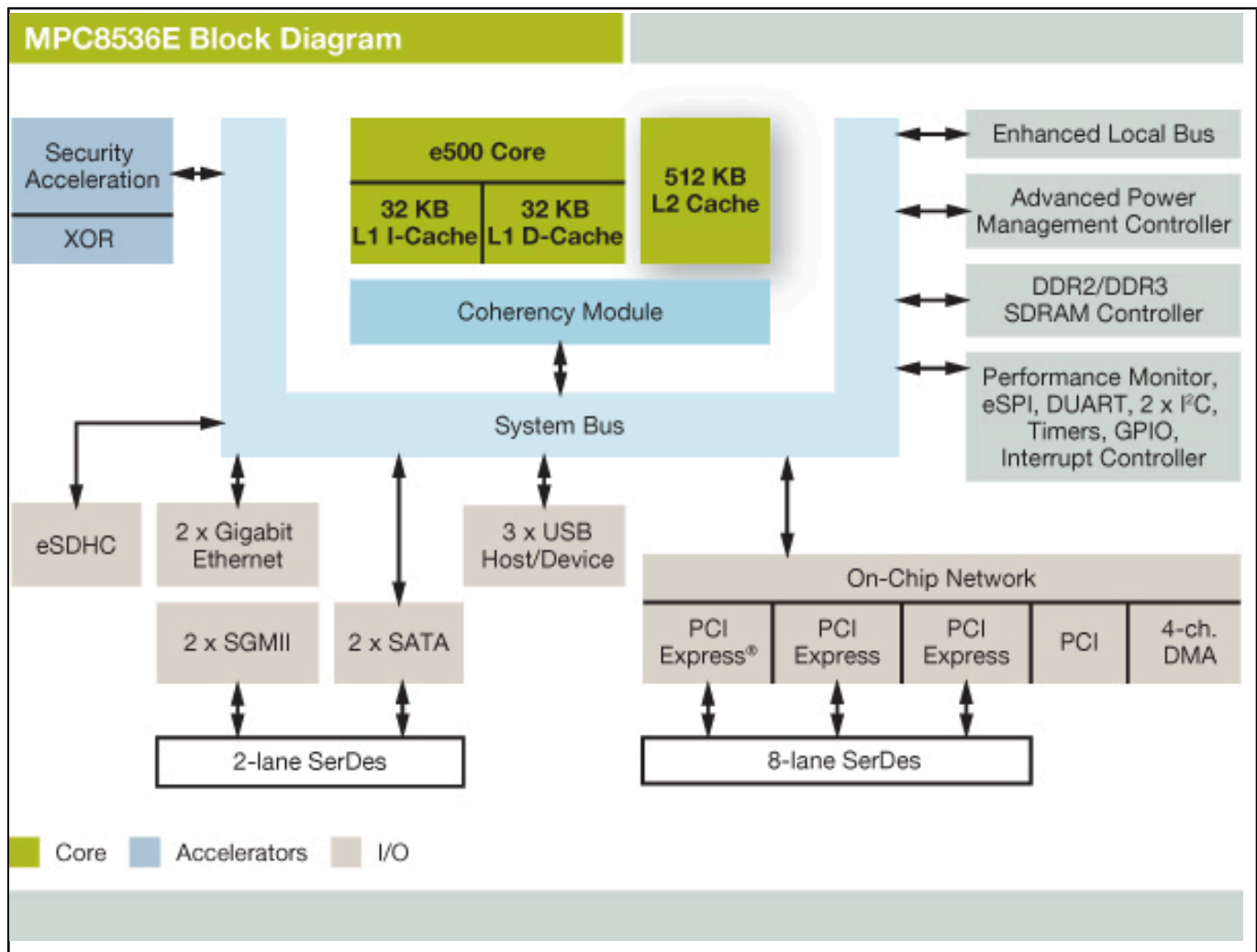
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The MPC8536E PowerQUICC® III is designed to deliver gigahertz-class complex application processing performance with advanced feature integration and high-speed connectivity for IP network and advanced media processing applications. It combines a robust e500 processor core, with enhanced peripherals and interconnect technology, to balance processor performance with I/O system throughput. The MPC8536E processor includes advanced energy management features that will enable next-generation embedded Internet media processing applications with energy efficiency levels under the environmental and governmental energy regulatory requirements.

The MPC8536E processor implements sophisticated power-saving modes for managing energy consumption in both dynamic and static power modes. Designers will be able to leverage these modes to efficiently match work accomplished with the correct level of energy consumed.

Access to the errata document for this device requires an NDA. Contact your local NXP® Sales Office or NXP Authorized Distributor.

Freescale PowerQUIICC MPC8536E Communications Processor Block Diagram Block Diagram

MPC8536E Block Diagram

View additional information for MPC8536E Communications Processors.

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