



# **PowerQUICC® III Processor with DDR2/3, eSDHC, PCI, PCI Express, SATA, SerDes, 1 GB Ethernet, USB, Security**

## **MPC8535E**

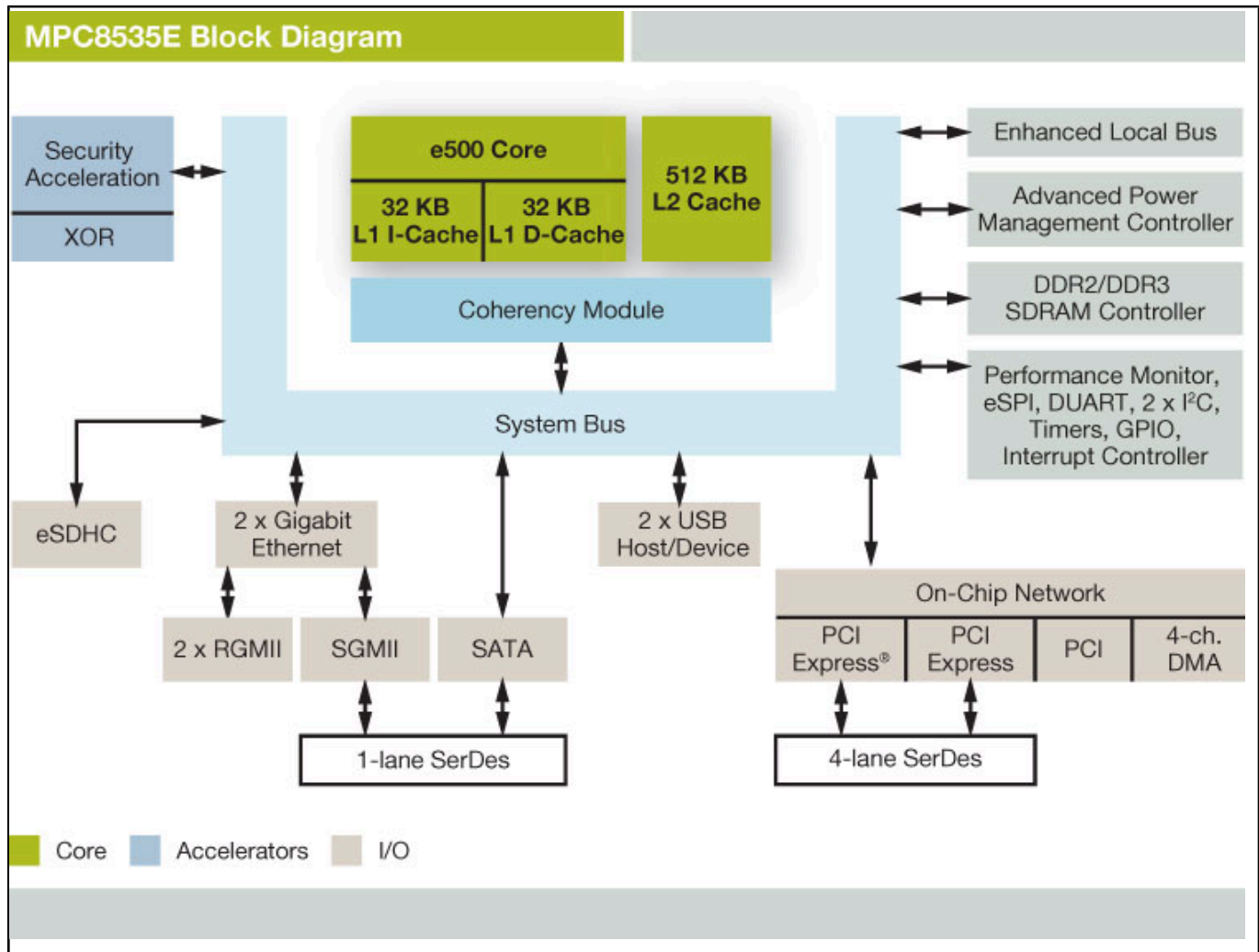
Last Updated: Apr 9, 2022

The MPC8535E PowerQUICC® III is designed to deliver gigahertz-class complex application processing performance with exceptional 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 MPC8535E processor includes advanced energy management features that help enable next-generation embedded Internet media processing applications with energy efficiency levels under the environmental and governmental energy regulatory requirements.

The MPC8535E 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.

# Freescale PowerQUICC MPC8535E Communications Processor Block Diagram Block Diagram



View additional information for [PowerQUICC® III Processor with DDR2/3, eSDHC, PCI, PCI Express, SATA, SerDes, 1 GB Ethernet, USB, Security.](#)

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.