



QorIQ® P5040/5021 64-bit Dual- and Quad-Core Communications Processors

P5040

Not Recommended for New Designs

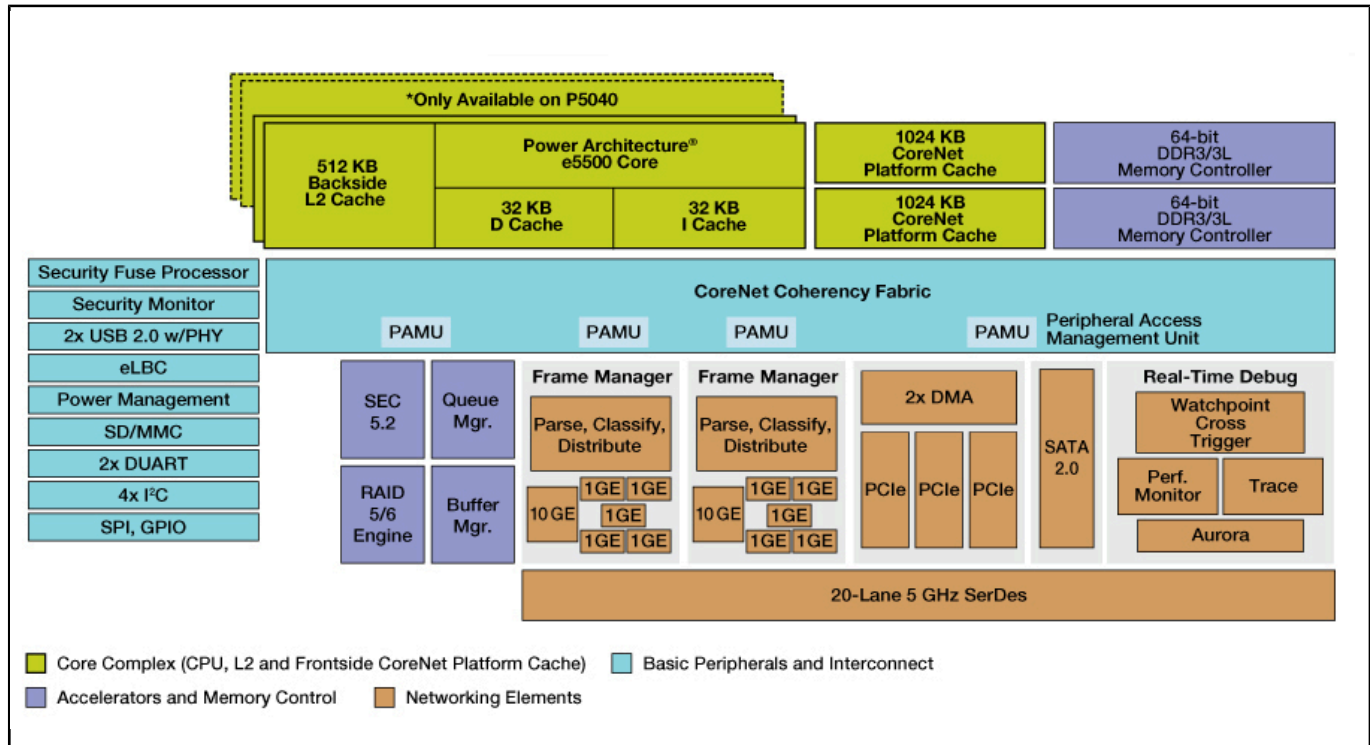
This page contains information on a product that is not recommended for new designs.

Last Updated: Oct 17, 2022

P5040 device is "Not recommended for new designs", please use the replacement families Power Architecture ([T4080](#)), Arm Architecture ([LS1046](#), [LS2044](#), [LS2080](#)).

The QorIQ® P5 family delivers scalable, 64-bit processing with single-, dual-, and quad-core devices. With frequencies scaling up to 2.2 GHz, a tightly coupled cache hierarchy for low latency, and integrated hardware acceleration, the P5040 (quad-core) and P5021 (dual-core) devices are ideally suited for compute-intensive, power-conscious control plane applications.

P5040 BD IMG Block Diagram



View additional information for [QorIQ® P5040/5021 64-bit Dual- and Quad-Core Communications Processors](#).

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. © 2022 NXP B.V.