



# Layerscape® 1046A and 1026A Processors

## LS1046A

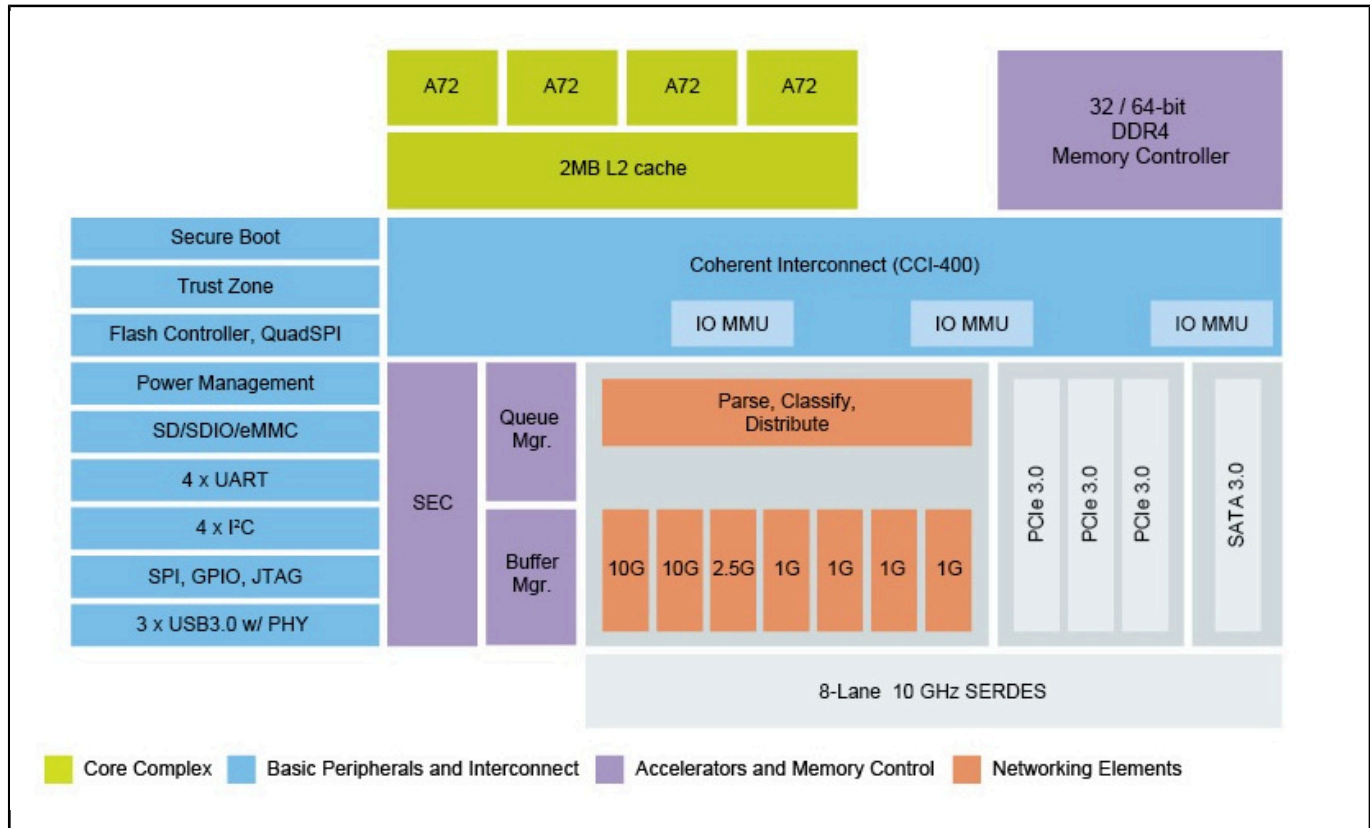
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The LS1046A and LS1026A processors integrate quad and dual 64-bit Arm® Cortex®-A72 cores respectively with packet processing acceleration and high-speed peripherals. They are pin-compatible with LS1023A, LS1043A and LS1088A SoC to provide performance scaling for 64-bit Arm, ranging from dual-A53 through octal-A53 to quad-A72 core processors, while maintaining hardware and software compatibility.

Layerscape processors are part of NXP's EdgeVerse™ [edge computing](#) platform.

Both devices are proven certifiable to the Arm [SystemReady ES](#) standard to ensure interoperability with standard operating systems and hypervisors.

# LS1046A Processors Block Diagram Block Diagram



View additional information for [Layerscape® 1046A and 1026A Processors](#).

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

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