



# Layerscape 2084A and 2044A Multicore Processors

## LS2084A

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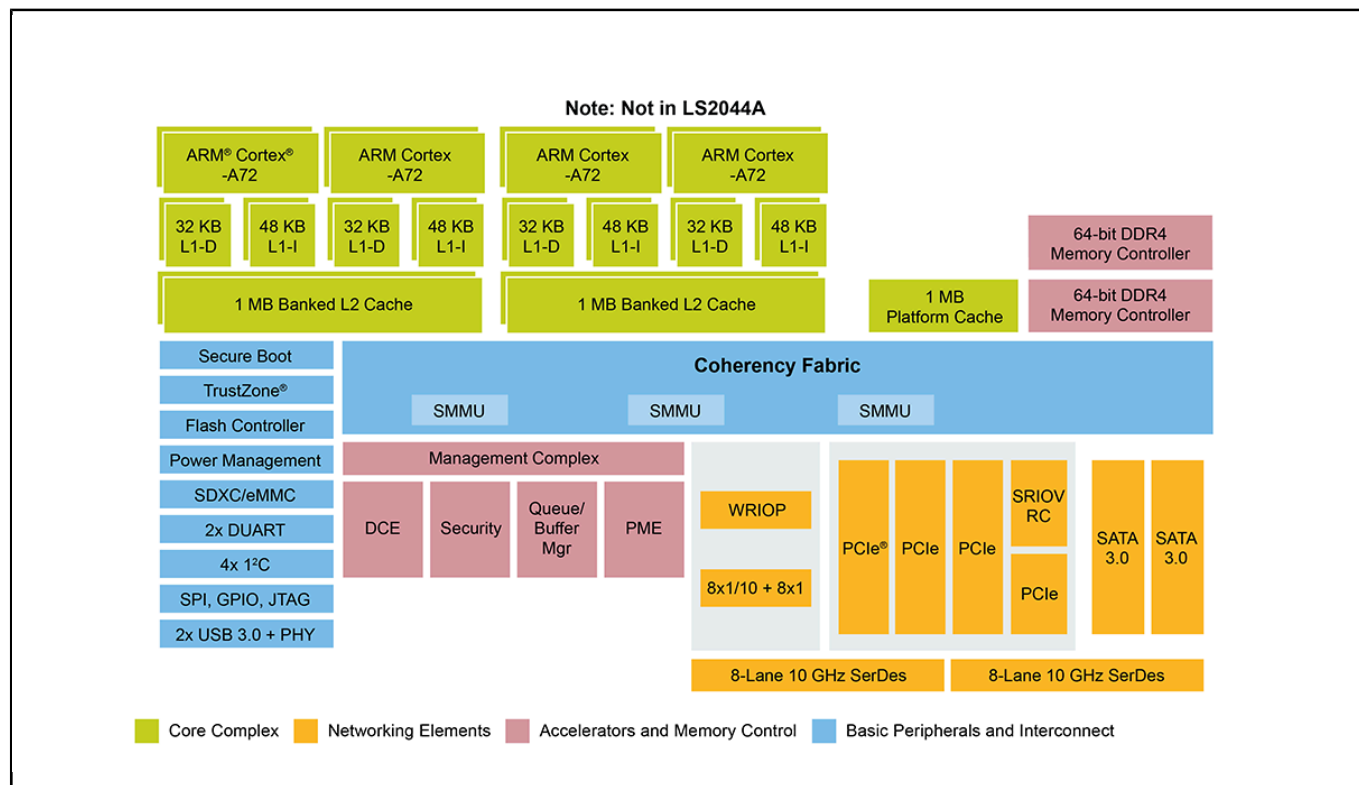
The LS2 family of processors delivers unprecedented performance and integration for tomorrow's smarter, more capable networks. The eight-core LS2084A and the four-core LS2044A multicore processors offer Arm® Cortex®- A72 cores with the advanced, high-performance datapath and network peripheral interfaces required for networking, telecom/datacom, wireless infrastructure, military, aerospace and automotive applications.

The next-generation datapath architecture, combined with a powerful software toolkit, provides a higher level of hardware abstraction and makes software development quick and simple.

This combination balances ease-of-use with high-performance processing in a Linux® environment that is familiar to any software programmer. Customers can fully exploit the underlying hardware and easily adapt to network changes for real-time 'soft' control over the network.

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

## LS2084A Processor Block Diagram Block Diagram



View additional information for [Layerscape 2084A and 2044A Multicore Processors](#).

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

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