



# Layerscape® 2088A and 2048A Processors

## LS2088A

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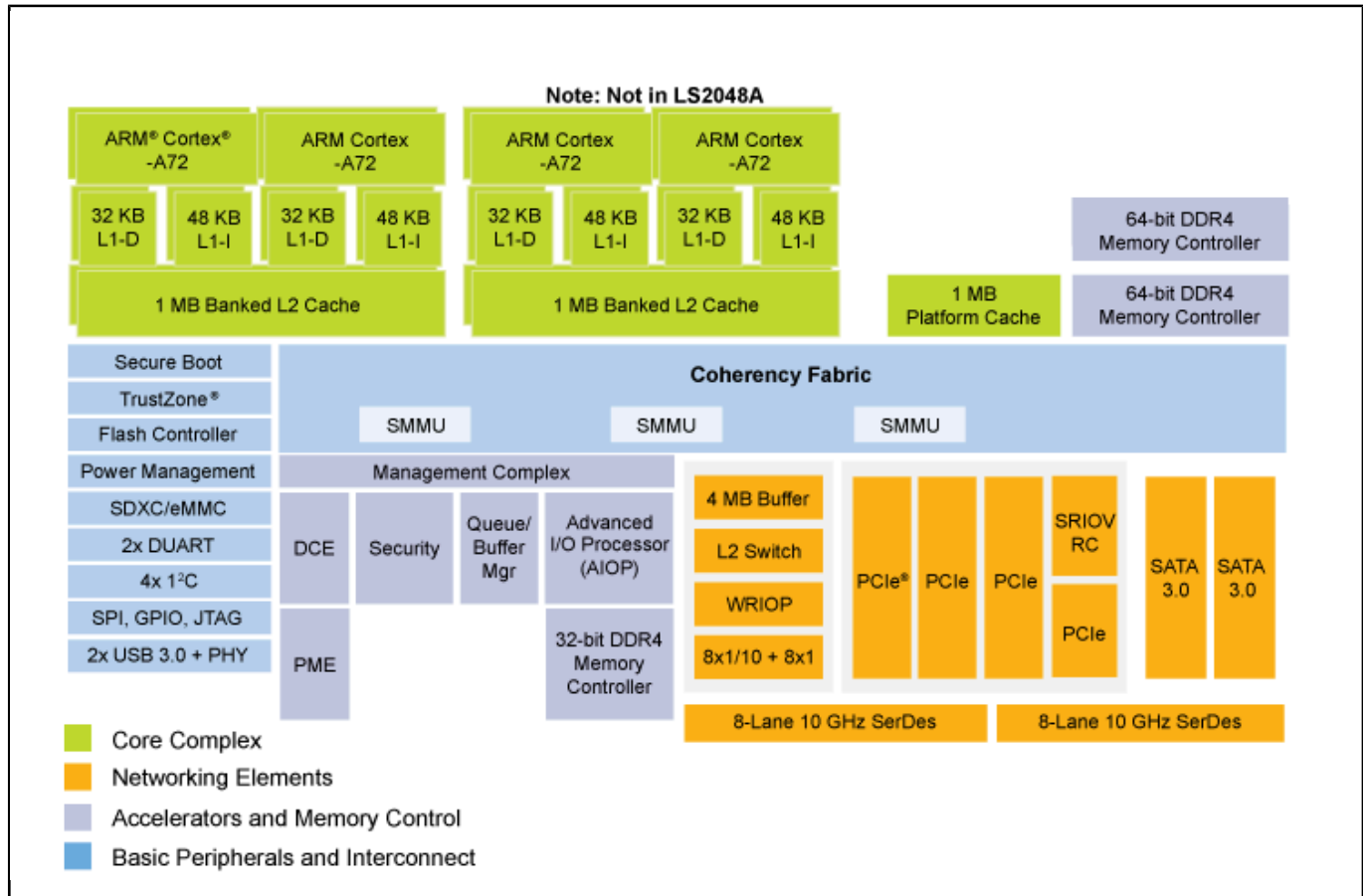
The LS2 family of processors delivers unprecedented performance and integration for the smarter, more capable networks of tomorrow. The eight core LS2088A and the four core LS2048A multicore processors offer Arm® Cortex®-A72 cores with the advanced, high-performance datapath and network peripheral interfaces required for networking, telecom/datacom, wireless infrastructure, military and aerospace 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.

# LS2088A Processor Block Diagram Block Diagram



View additional information for [Layerscape® 2088A and 2048A Processors](#).

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

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