Layerscape® 1028A Applications Processor
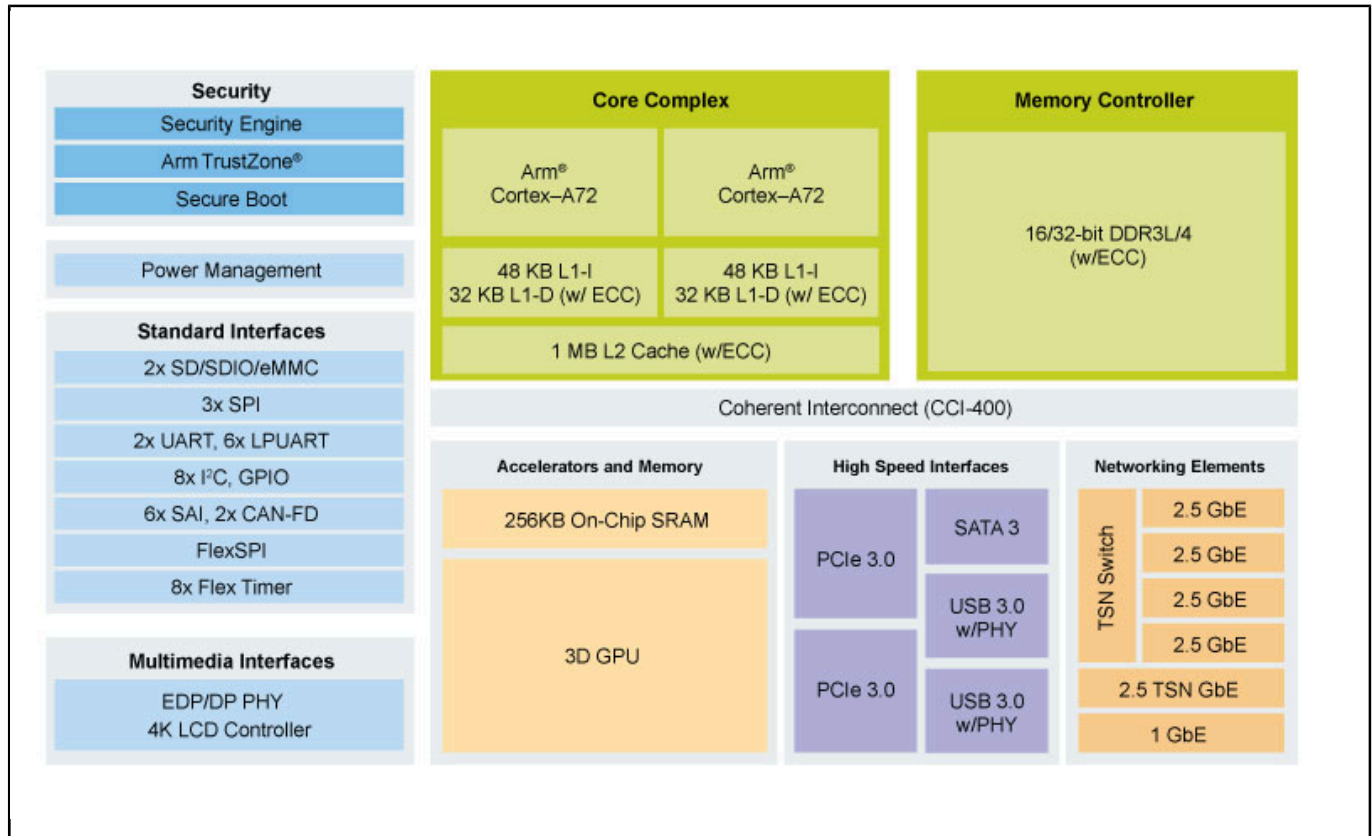
LS1028A

Last Updated: Apr 9, 2022

The Layerscape LS1028A applications processor for industrial and automotive includes a time-sensitive networking (TSN) -enabled Ethernet switch and Ethernet controllers to support converged IT and OT networks.

Two powerful 64-bit Arm®v8 cores support real-time processing for industrial control and virtual machines for edge computing in the IoT. The integrated GPU and LCD controller enable Human-Machine Interface (HMI) systems with next-generation interfaces.

Integrated Trust Architecture with cryptographic offload provides a trusted platform with encrypted communications for secure applications and services.

Layerscape processors are part of NXP's EdgeVerse™ edge computing platform.

Layerscape LS1028A Block Diagram Block Diagram

View additional information for Layerscape® 1028A Applications Processor.

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