



Layerscape® 1028A Applications Processor

LS1028A

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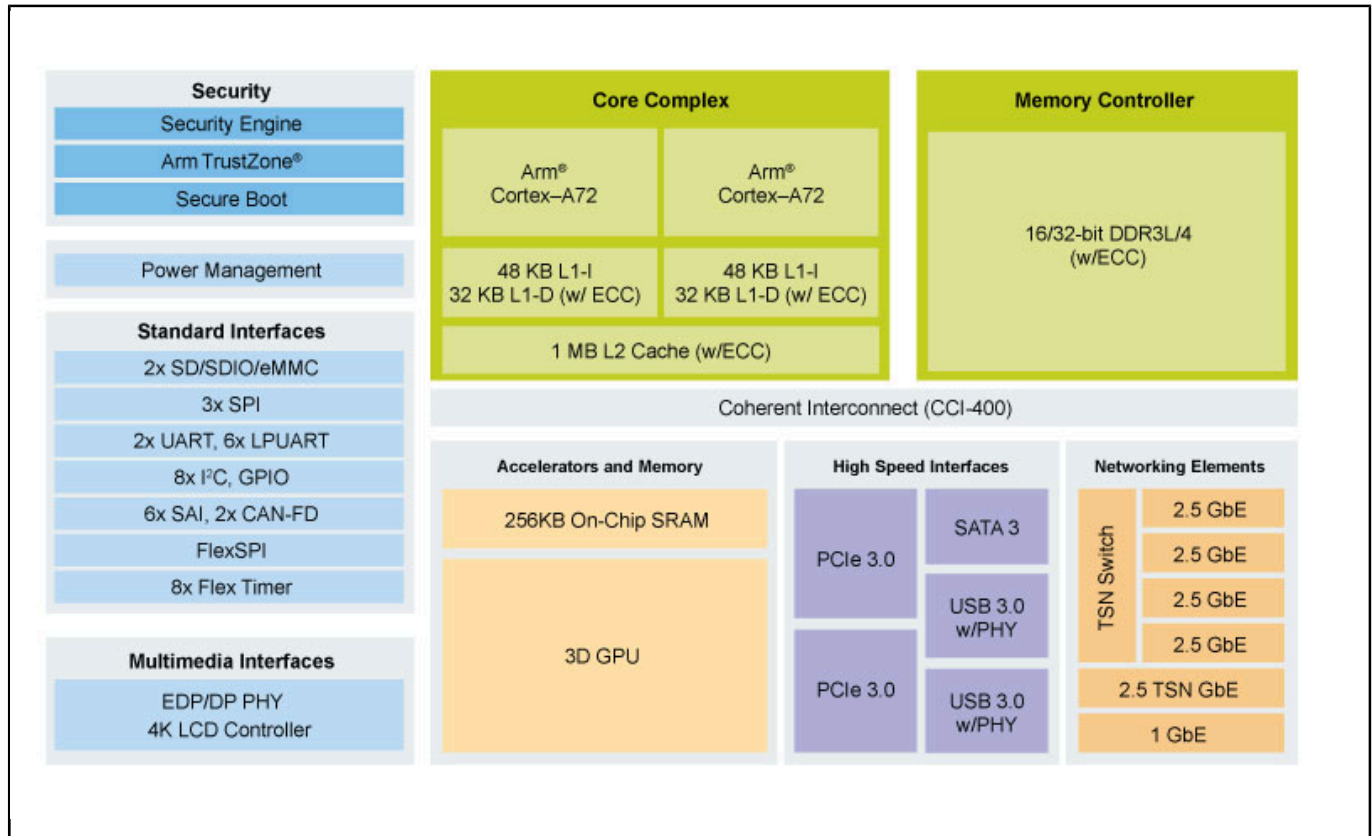
The Layerscape LS1028A applications processor for industrial and automotive includes a time-sensitive networking (TSN) -enabled Ethernet switch and Ethernet controllers to support converged IT and OT networks.

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](#).

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