



# i.MX 8ULP-CS Cloud Secured Applications Processors

## i.MX8ULP-CS

### Preproduction

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The i.MX 8ULP-CS (cloud secured) crossover applications processor family brings Azure Sphere-certification to ultra-low power processing for edge to cloud security.

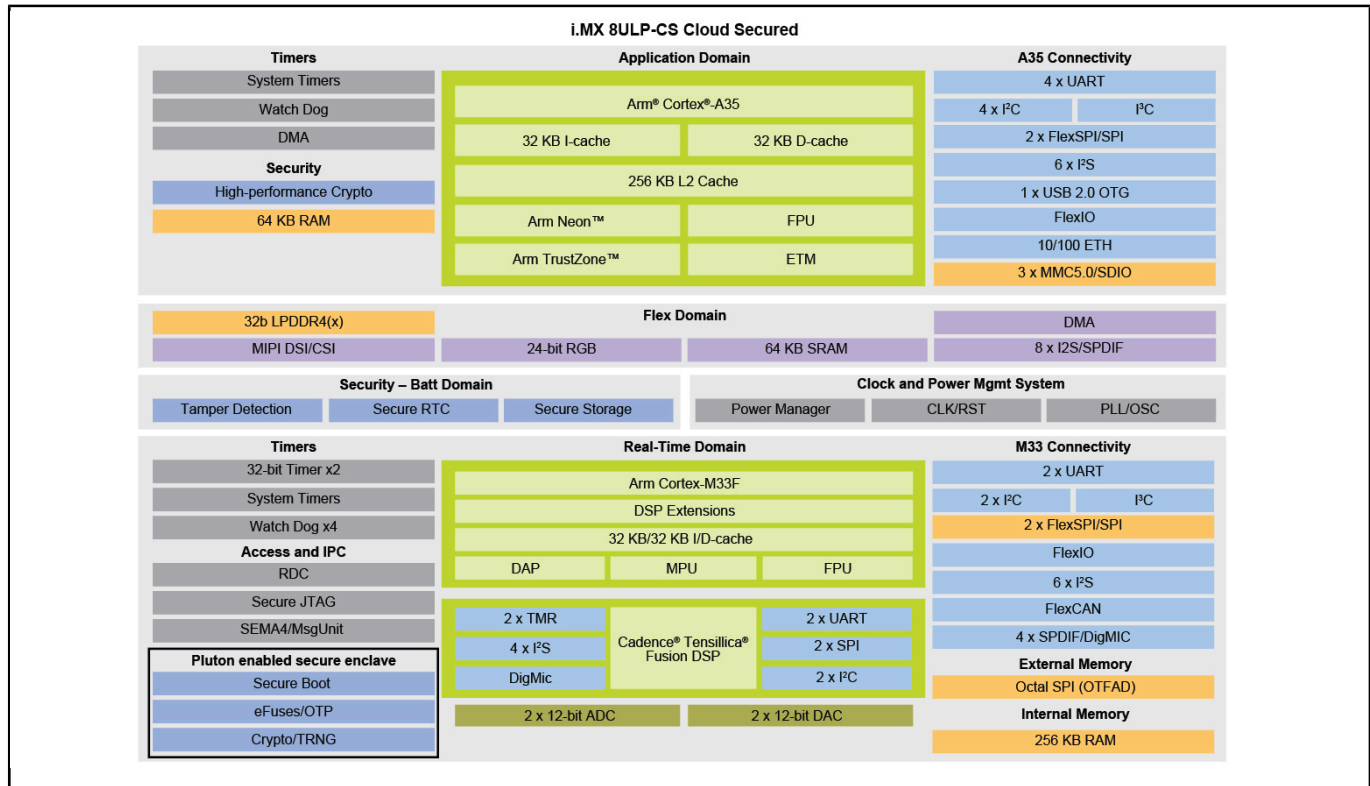
Keeping an edge device secure long after initial deployment is a challenge that requires nonstop trusted management services. The i.MX 8ULP-CS with Azure Sphere incorporates Microsoft Pluton enabled on EdgeLock® secure enclave as the secured root of trust built into the silicon itself and enables chip-to-cloud security for a vast range of IoT and industrial applications.

In addition to the secured hardware, Microsoft Azure Sphere includes the secured Azure Sphere OS, the cloud-based Azure Sphere Security Service and ongoing OS updates and security improvements for over ten years.

NXP's innovative Energy Flex architecture implementation in i.MX 8ULP-CS processors combines heterogeneous domain computing, design techniques and process technology. A dedicated power management subsystem offers more than 20 power mode combinations to deliver exceptional efficiency across a range of applications.

i.MX 8 applications processors are part of NXP's EdgeVerse™ [edge computing](#) platform.

# i.MX 8ULP-CS Cloud Secured Applications Processor Block Diagram



View additional information for [i.MX 8ULP-CS Cloud Secured Applications Processors](#).

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