



i.MX 6UltraLite Processor – Low-Power, Secure, Arm® Cortex®-A7 Core

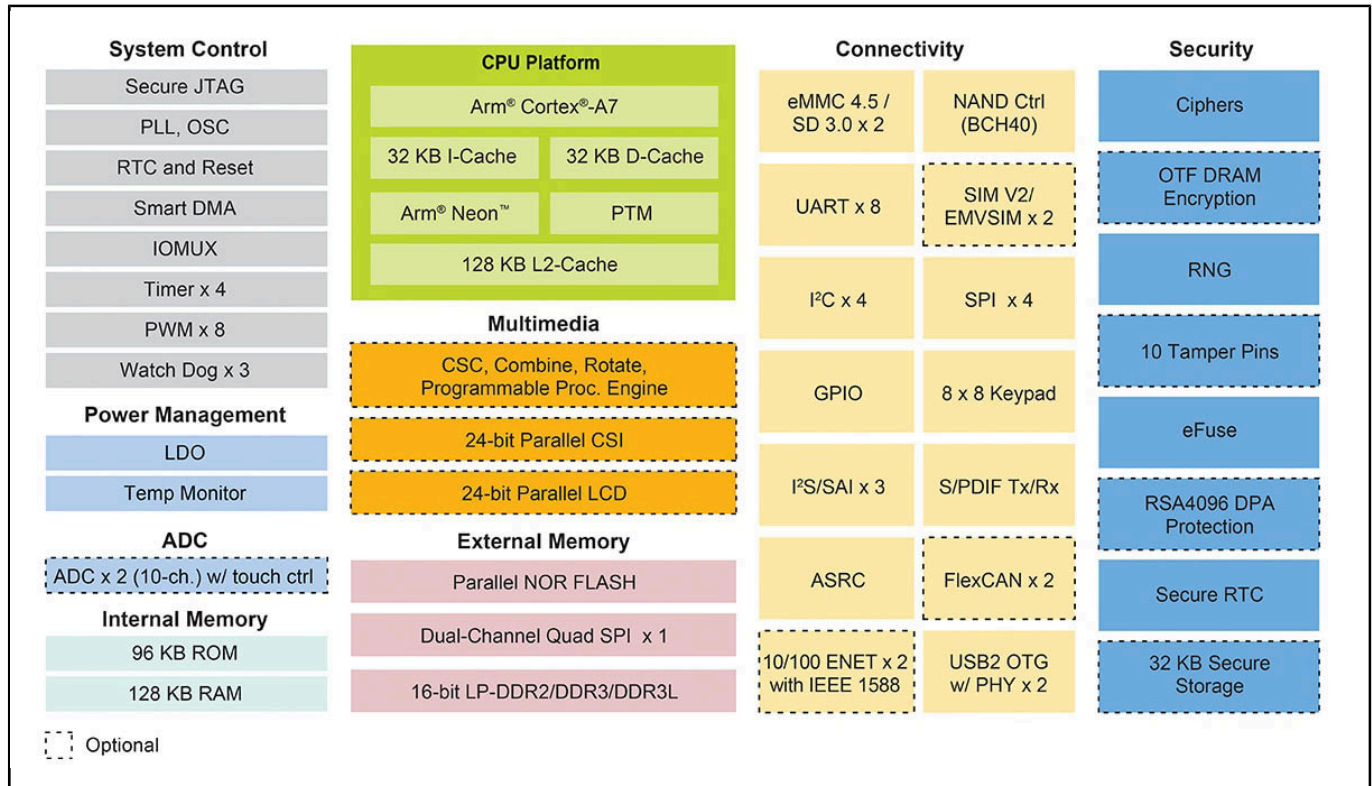
i.MX6UL

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Expanding the i.MX 6 series, the i.MX 6UltraLite is a high performance, ultra-efficient processor family featuring an advanced implementation of a single Arm® Cortex®-A7 core, which operates at speeds up to 696 MHz. The i.MX 6UltraLite applications processor includes an integrated power management module that reduces the complexity of external power supply and simplifies power sequencing. Each processor in this family provides various memory interfaces, including 16-bit LPDDR2, DDR3, DDR3L, raw and managed NAND flash, NOR flash, eMMC, Quad SPI and a wide range of other interfaces for connecting peripherals such as WLAN, Bluetooth™, GPS, displays and camera sensors.

i.MX 6 applications processors are part of NXP's EdgeVerse™ [edge computing](#) platform.

i.MX 6UltraLite Applications Processor Block Diagram Block Diagram



View additional information for [i.MX 6UltraLite Processor - Low-Power, Secure, Arm® Cortex®-A7 Core.](#)

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

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