Multimedia Applications Processors - Robust Security for Mobile, High Performance, Connectivity, Arm9™ Core

i.MX27

Not Recommended for New Designs

This page contains information on a product that is not recommended for new designs.

Last Updated: Nov 8, 2022

In response to the needs of design engineers tasked with pushing the performance envelope, packing in a lot of connectivity options and providing robust security in mobile device designs, NXP® presents the i.MX27 multimedia applications processor. Derived from the popular i.MX21 processor and based on the Arm926EJ-S™ core, the i.MX27 processor adds an h.264 D1 hardware codec for high-resolution video processing, an Ethernet 10/100 MAC, security, plug-and-play connectivity and more power management features. This rich feature set makes it an excellent choice for video- and voiceover- IP (V2IP) cordless and mobile phones, intelligent remote controls, point-of-sale terminals and many other wireless applications.

The i.MX27 is supported by a companion NXP power management IC (PMIC), MC13892.

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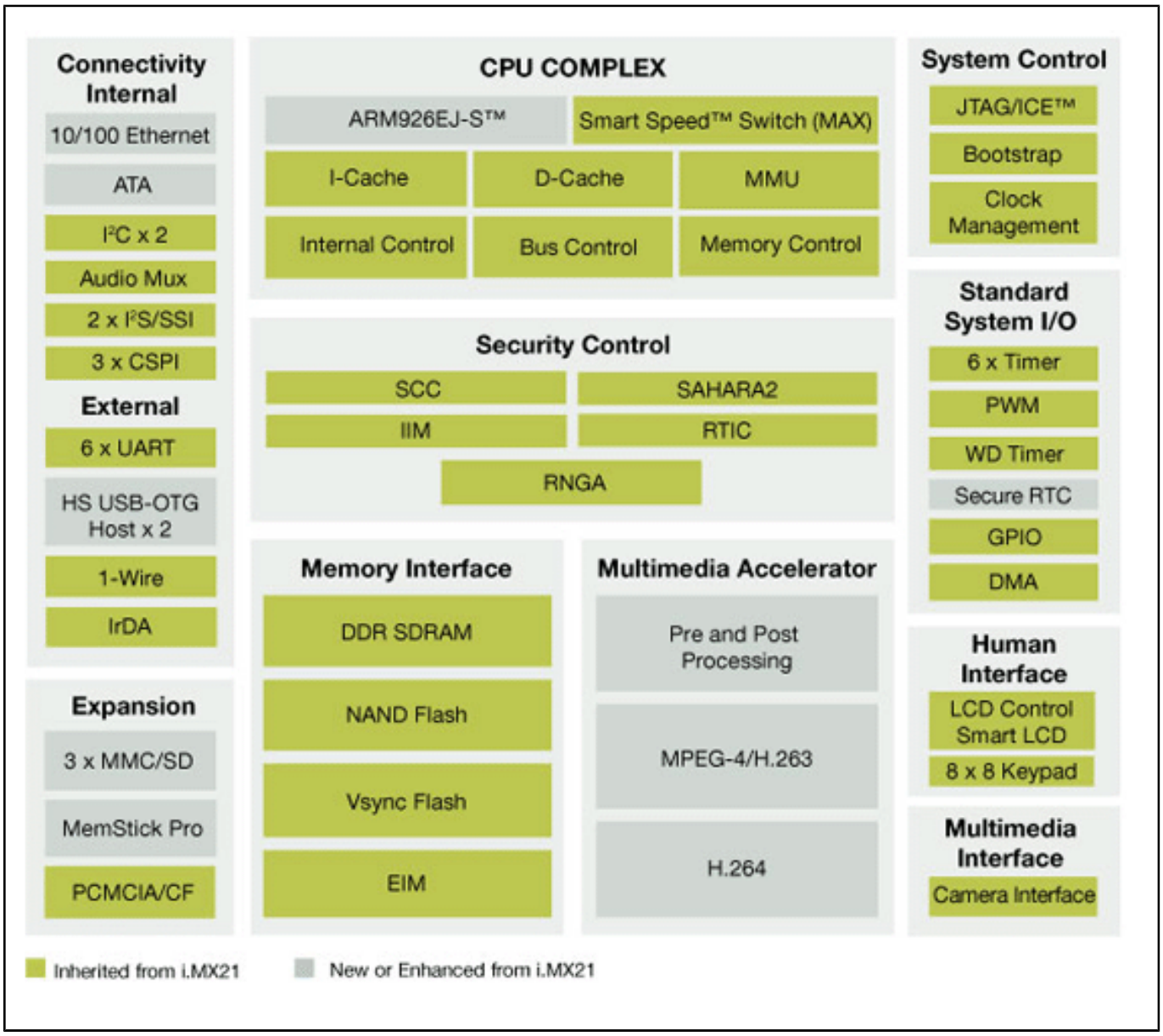
i.MX27 Multimedia Applications Processor Block Diagram Block Diagram



View additional information for Multimedia Applications Processors - Robust Security for Mobile, High Performance, Connectivity, Arm9™ Core.

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