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.

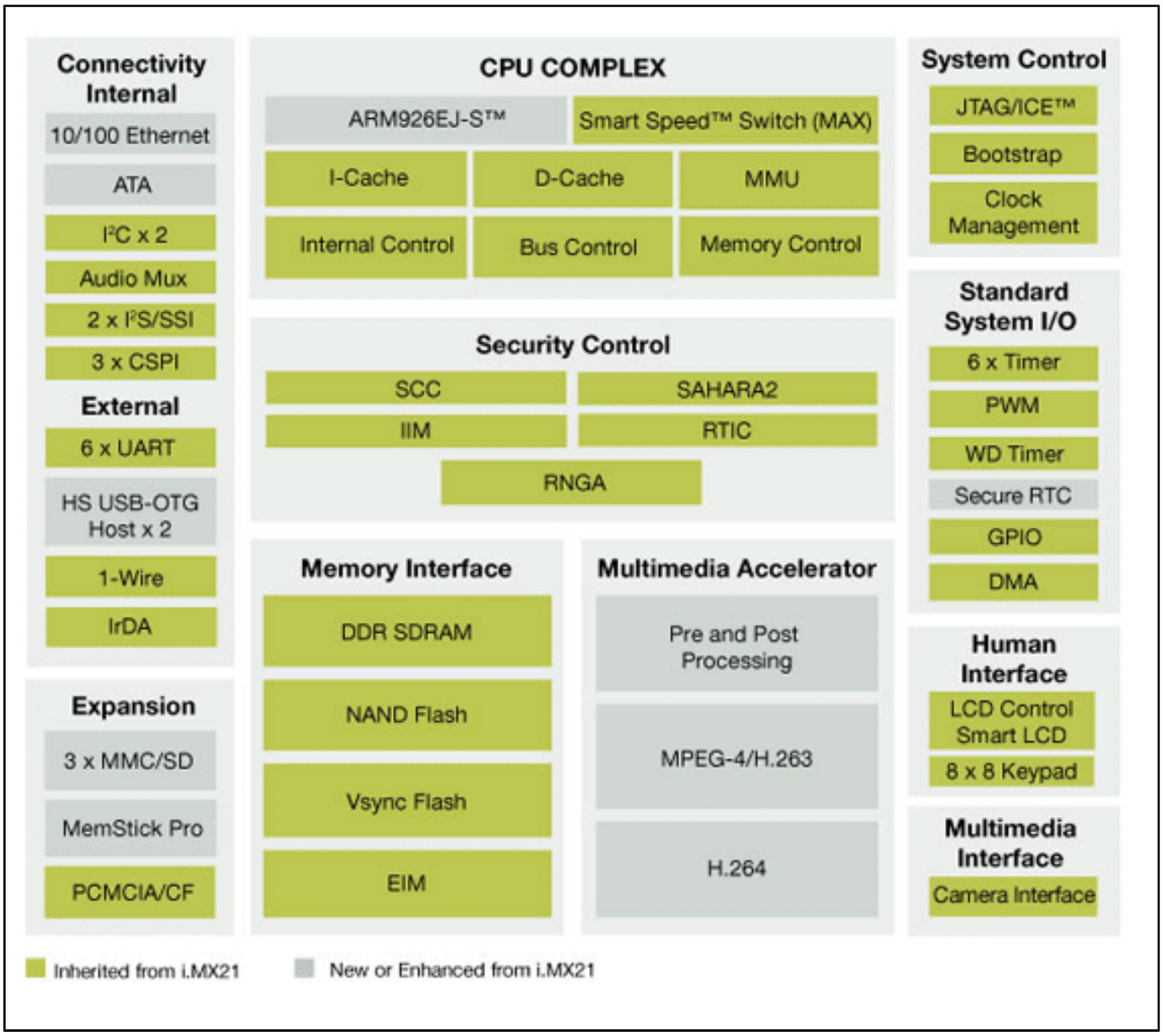
Last Updated: Nov 8, 2022

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.

$AUTOHREFLINK[11829768090237206335551:C:Important i.MX27 Errata Update:cta]

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.

www.nxp.com
NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2026 NXP B.V.