



Applications Processors - Advanced HMI, High-Performance, Low-Power, Arm® Cortex®-A8 Core

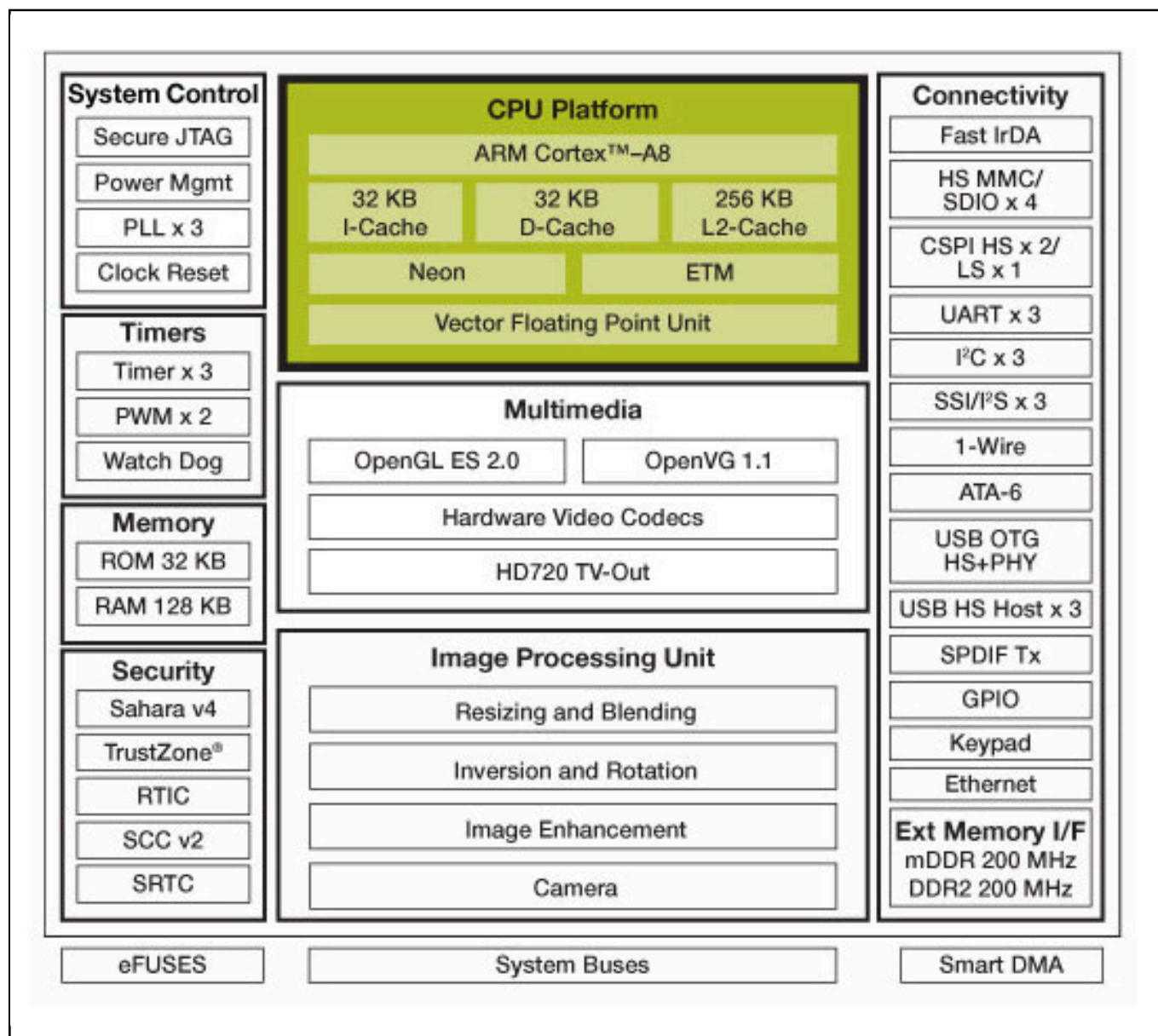
i.MX515

Last Updated: Sep 4, 2025

The i.MX515 multimedia applications processor offers high performance processing optimized for the lowest power consumption for smartbooks, netbooks, and many other consumer and industrial applications as well including: portable media players, gaming consoles, secure handheld devices and applications requiring an advanced HMI. It features Our advanced and power-efficient implementation of the Arm® Cortex®-A8 core, which operates at speeds up to 800 MHz. Extended temperature is available for industrial focused devices running at up to 600 MHz.

The i.MX515 is supported by companion NXP® power management ICs (PMIC), MC13892, MC34704, MC34709 and MMPF0100.

i.MX515 Multimedia Applications Processor Block Diagram Block Diagram



View additional information for [Applications Processors - Advanced HMI, High-Performance, Low-Power, Arm® Cortex®-A8 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. © 2025 NXP B.V.