



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

i.MX512

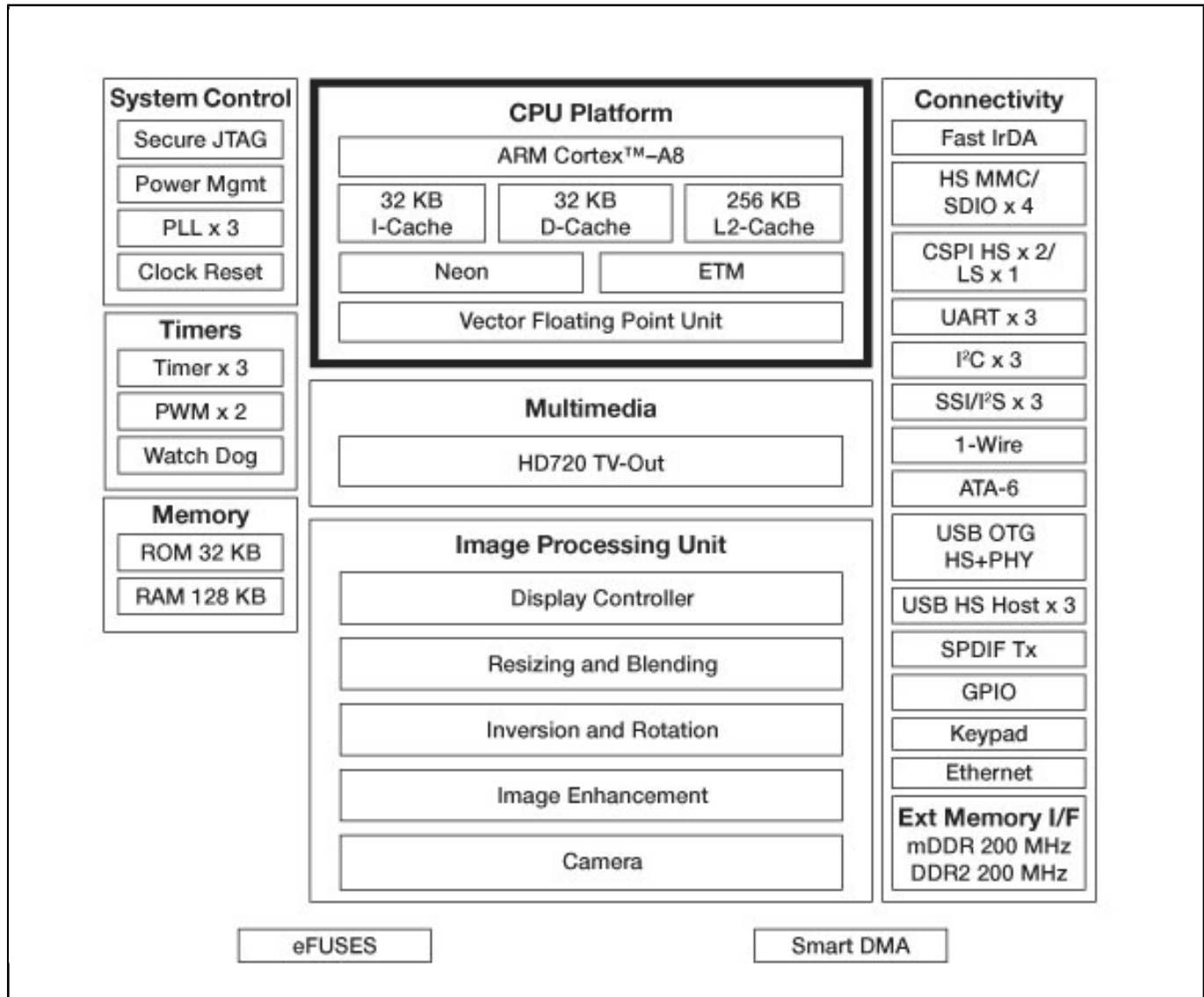
Last Updated: Apr 25, 2022

The i.MX512 multimedia applications processor offers high performance processing optimized with the lowest power consumption for HMI, printers, medical devices and eBooks. 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.MX512 is supported by companion NXP® power management ICs (PMIC), [MC13892](#), [MC34704](#), [MC34709](#) and [MMPF0100](#).

For consumer and industrial i.MX51 versions, i.MX515 samples are orderable.

IMX512 Block Diagram Block Diagram



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