



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

## i.MX512

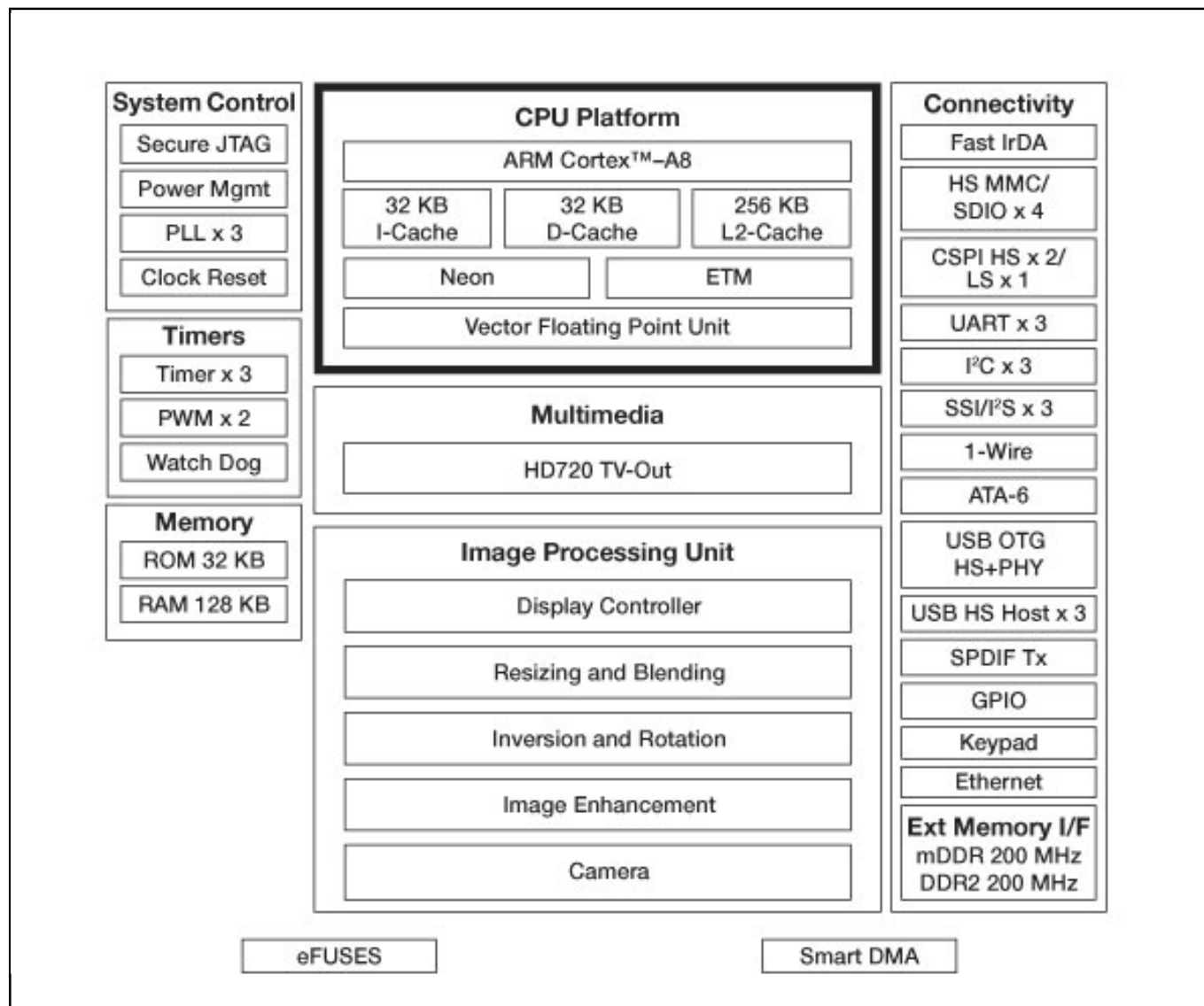
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The i.MX512 multimedia applications processor offers high performance processing optimized with the lowest power consumption for HMI, printers, medical devices and eBooks. It features Our advanced and power-efficient implementation of the Arm® Cortex®-A8 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



View additional information for [Applications Processors - High-Performance, Low-Power, Arm® Cortex®-A8 Core](#).

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

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