



# Multimedia Applications Processors - HD Video, High-Performance, Low- Power, Arm® Cortex®-A8 Core

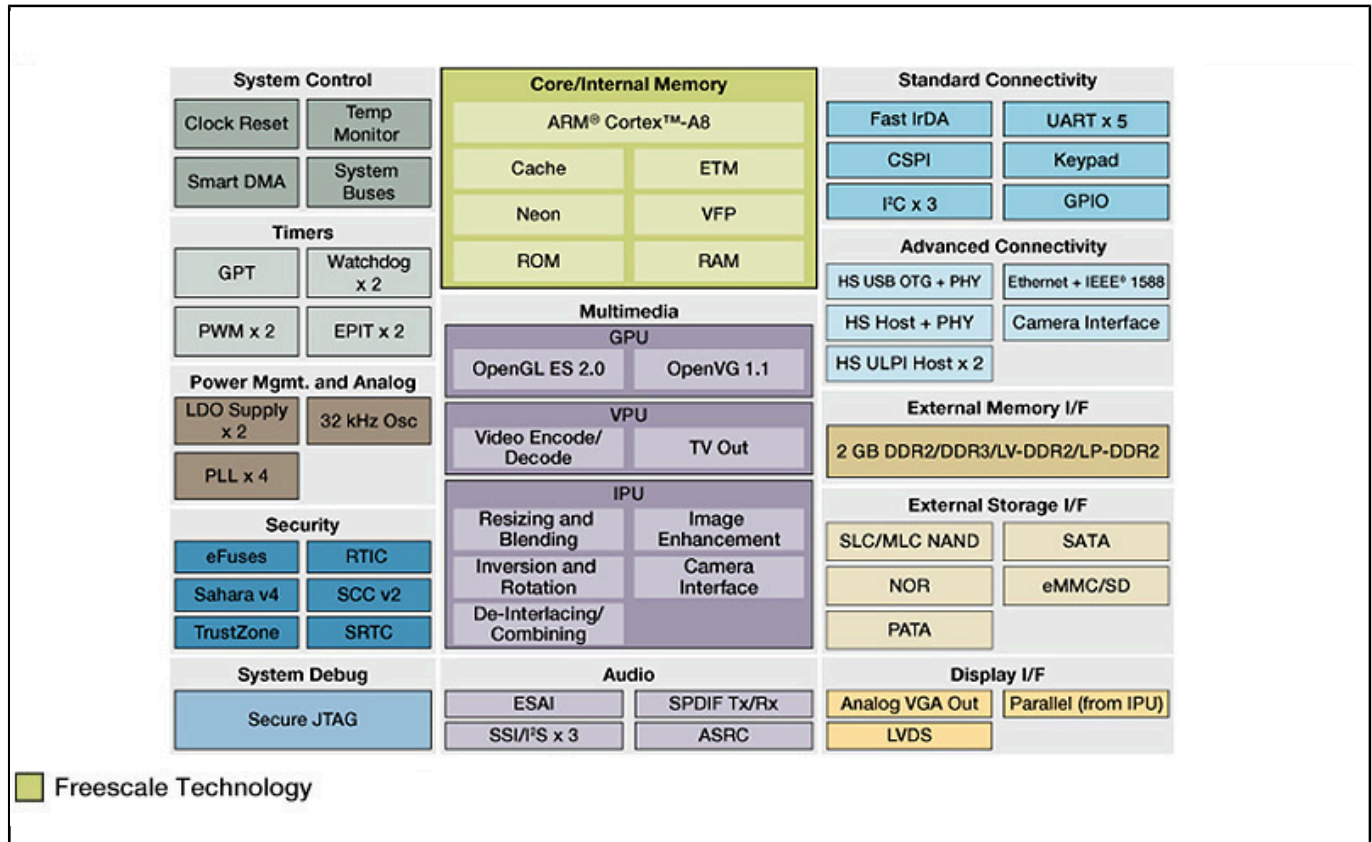
## i.MX535

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The i.MX53 family of processors represents our next generation of advanced multimedia and power-efficient implementation of the Arm® Cortex®-A8 core. With core processing speeds up to 1 GHz, the i.MX535 is optimized for both performance and power to meet the demands of high-end, advanced applications requiring mobility and a long battery life. 1080p HD video decode and 720p video encode, two dedicated graphics cores, multiple display and connectivity options, and high level of integration make the i.MX535 a choice platform for smart mobile devices.

The i.MX535 is supported by a companion power management IC (PMIC), MC34709.

# Freescale i.MX535 Applications Processor Block Diagram Block Diagram



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

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

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