Multimedia Applications Processors - Entry Level Automotive Applications, Low Power, Cost Effective, Arm9™ Core

i.MX251

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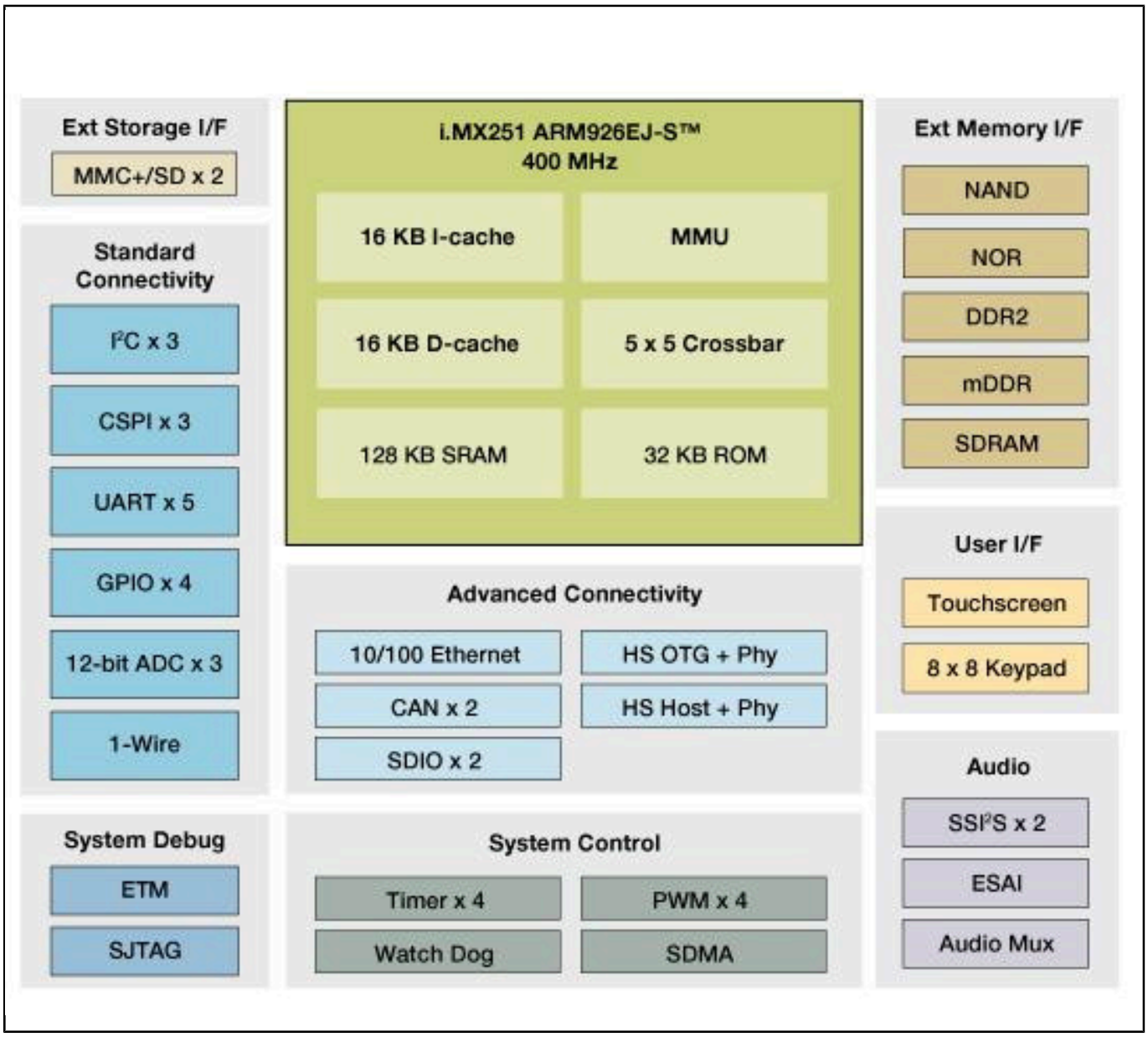
The Arm9™-based i.MX251 applications processor is for cost sensitive automotive applications. The Arm926EJ-S™ CPU can run at speeds up to 400MHz giving enough headroom for entry level automotive applications while minimizing power consumption. Integration of two USB PHYs, a 12-bit ADC, low cost DDR2, MMC/SD/SDIO, 10/100 Ethernet with RMII, and on-chip SRAM reduces the Bill of Material (BOM) costs for price-sensitive applications.

The i.MX251 has the ability to connect with many different peripherals like Wi-Fi through SDIO or USB and Bluetooth via UART or SSI/I2S. With Enhanced Serial Audio Interface (ESAI) and CAN connectivity the i.MX251 is a cost effective solution targeted for audio connectivity.

i.MX251 Multimedia Applications Processor Block Diagram Block Diagram



View additional information for Multimedia Applications Processors - Entry Level Automotive Applications, Low Power, Cost Effective, Arm9™ Core.

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