



Arm® Cortex®-A5-Based Microprocessors with 1.5MB SRAM, LCD, Security, 2x Ethernet and L2 Switch

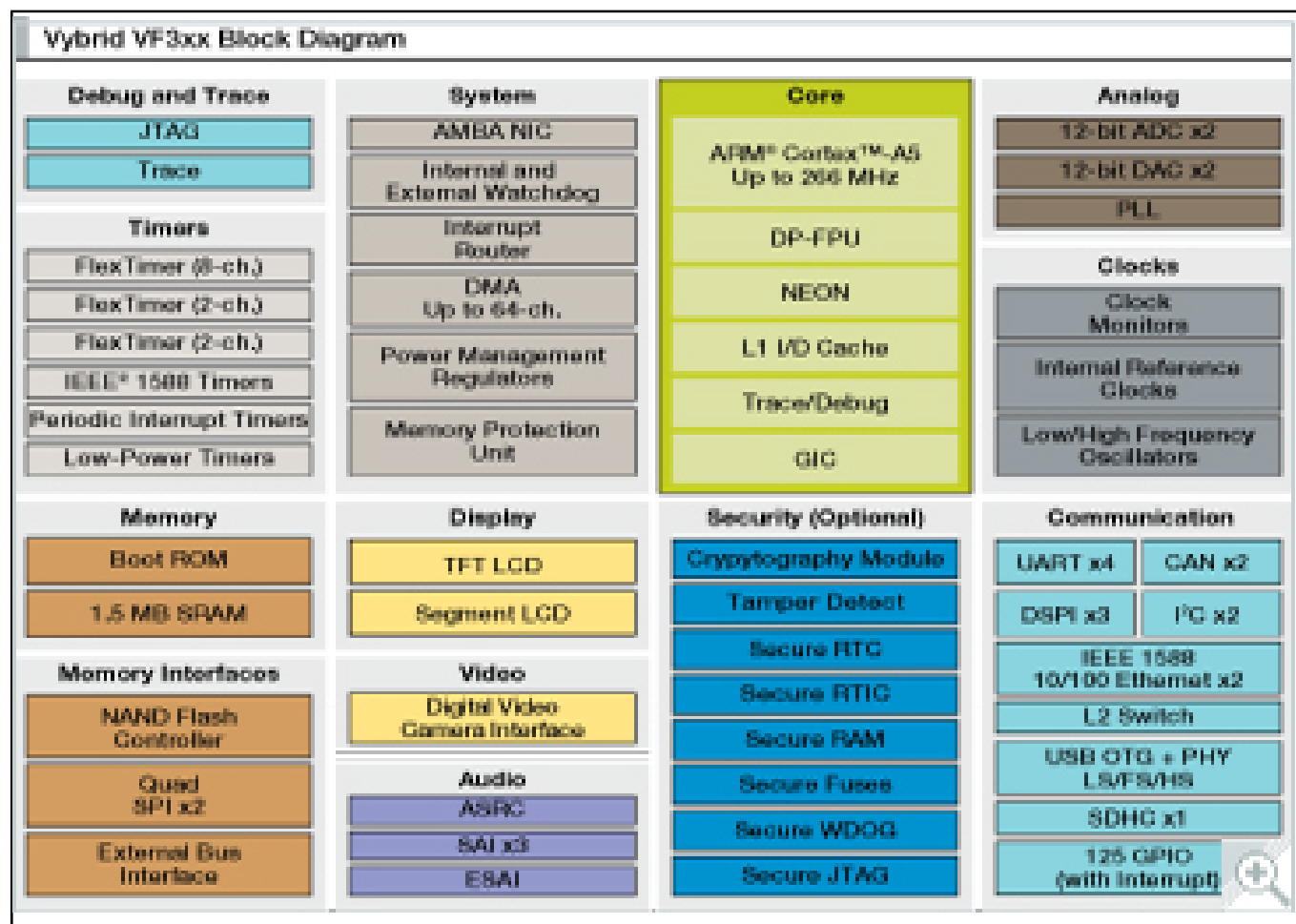
VF3xx

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The VFxxx VF3xx family is a single-core (Arm® Cortex®-A5) solution with 1.5 MB on-chip SRAM, dual XiP quad SPI memory interfaces, LCD controller, high-speed USB with PHY, dual Ethernet with an L2 switch, and a digital video camera interface. They are a good fit for solutions that can leverage the large 1.5 MB on-chip SRAM to eliminate costly external DDR memory.

VFxxx devices are ideal for applications including simple HMI in appliances and industrial machines, secure control of infrastructure and manufacturing equipment, energy conversion applications such as motor drives and power inverters, ruggedized wired and wireless connectivity, and control of mobile battery-operated systems such as robots and industrial vehicles. VFxxx devices also provide a powerful combination of on-chip encryption, secure boot, anti-tamper and anti-clone capabilities to secure sensitive or critical infrastructure applications such as smart grid or industrial control.

VF3xx Block Diagram Thumbnail Block Diagram



View additional information for [Arm® Cortex®-A5-Based Microprocessors with 1.5MB SRAM, LCD, Security, 2x Ethernet and L2 Switch](#).

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