



# Arm® Cortex®-A5 + Cortex-M4 MPUs, 1.5 MB SRAM, LCD, Security, Ethernet, L2 Switch

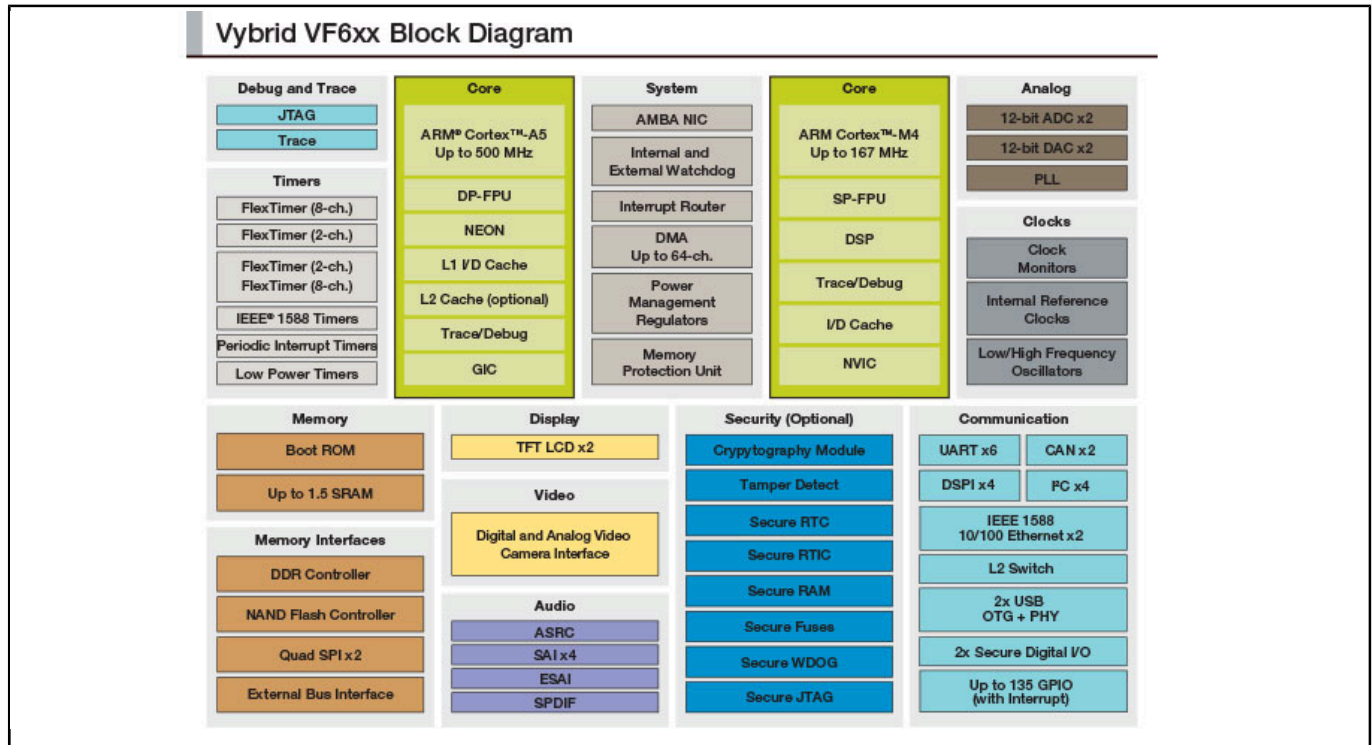
## VF6xx

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The VF6xx family is a heterogeneous dual-core solution that combines the Arm® Cortex®-A5 and Cortex-M4 cores. The VF6xx devices include:

- Dual USB 2.0 OTG controllers with integrated PHY Dual 10/100 Ethernet controllers with L2 switch.
- Up to 1.5 MB of on-chip SRAM and a rich suite of communication, connectivity and human-machine interfaces (HMI).
- Anti-clone, anti-tamper, secure boot and advanced encryption hardware deliver the highest level of security and accuracy.
- Multiple serial interfaces, such as UARTs with support for ISO 7816 SIM/smart cards, SPI and I2C and dual CAN module.
- Interface to a variety of external peripherals and memories for system expansion and data storage.

# VF6xx Block Diagram Block Diagram



View additional information for [Arm® Cortex®-A5 + Cortex-M4 MPUs](#), [1.5 MB SRAM](#), [LCD](#), [Security](#), [Ethernet](#), [L2 Switch](#).

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

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