



# **Arm7™ with 512 kB flash, 98 kB SRAM, Ethernet, USB 2.0 Device/Host/OTG, CAN, and 10-bit ADC**

## **LPC2388FBD144**

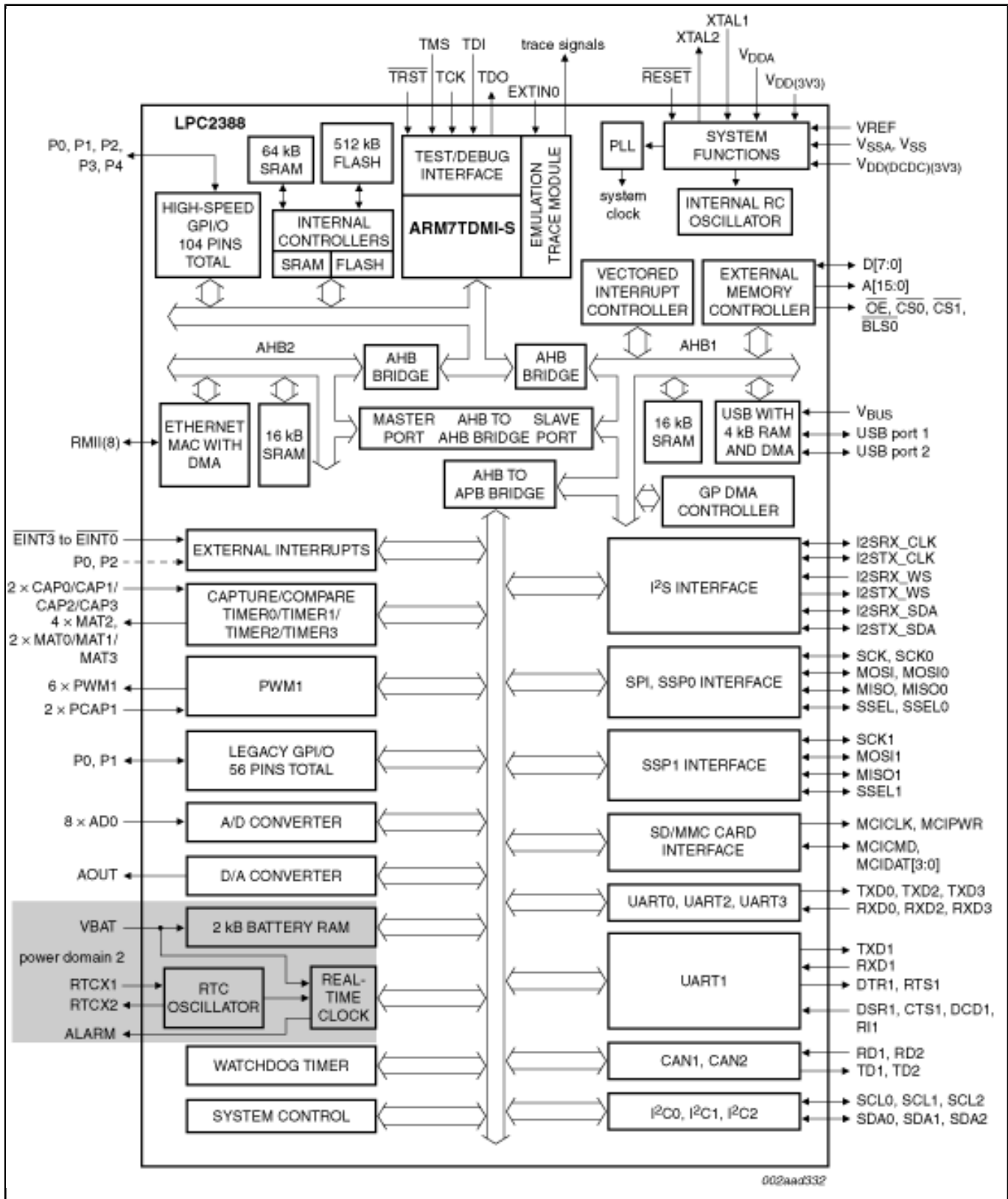
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The LPC2388 is an Arm7 microcontroller for embedded applications featuring a high level of integration and low power consumption at frequencies of 72 MHz. Features include 512 kB of flash memory, 98 kB of SRAM, Ethernet MAC, USB Device/Host/OTG, DMA controller, 4 UARTs, 2 CAN channels, 3 SSP/SPI, 3 I2C, I2S, 8-channel 10-bit ADC, 10-bit DAC, 2 PWM, 4 general purpose timers, low power Real-Time Clock with separate battery supply, and up to 160 general purpose I/O pins. The LPC2388 is pin-compatible to the LPC177x Cortex-M3 MCU series.

# Block diagram: LPC2388FBD144 Block Diagram



View additional information for [Arm7™ with 512 kB flash, 98 kB SRAM, Ethernet, USB 2.0 Device/Host/OTG, CAN, and 10-bit ADC.](#)

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

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