Arm7™ with 512KB flash, 58 KB SRAM, Ethernet, and 10-bit ADC

LPC2377FBD144

Not Recommended for New Designs

This page contains information on a product that is not recommended for new designs.

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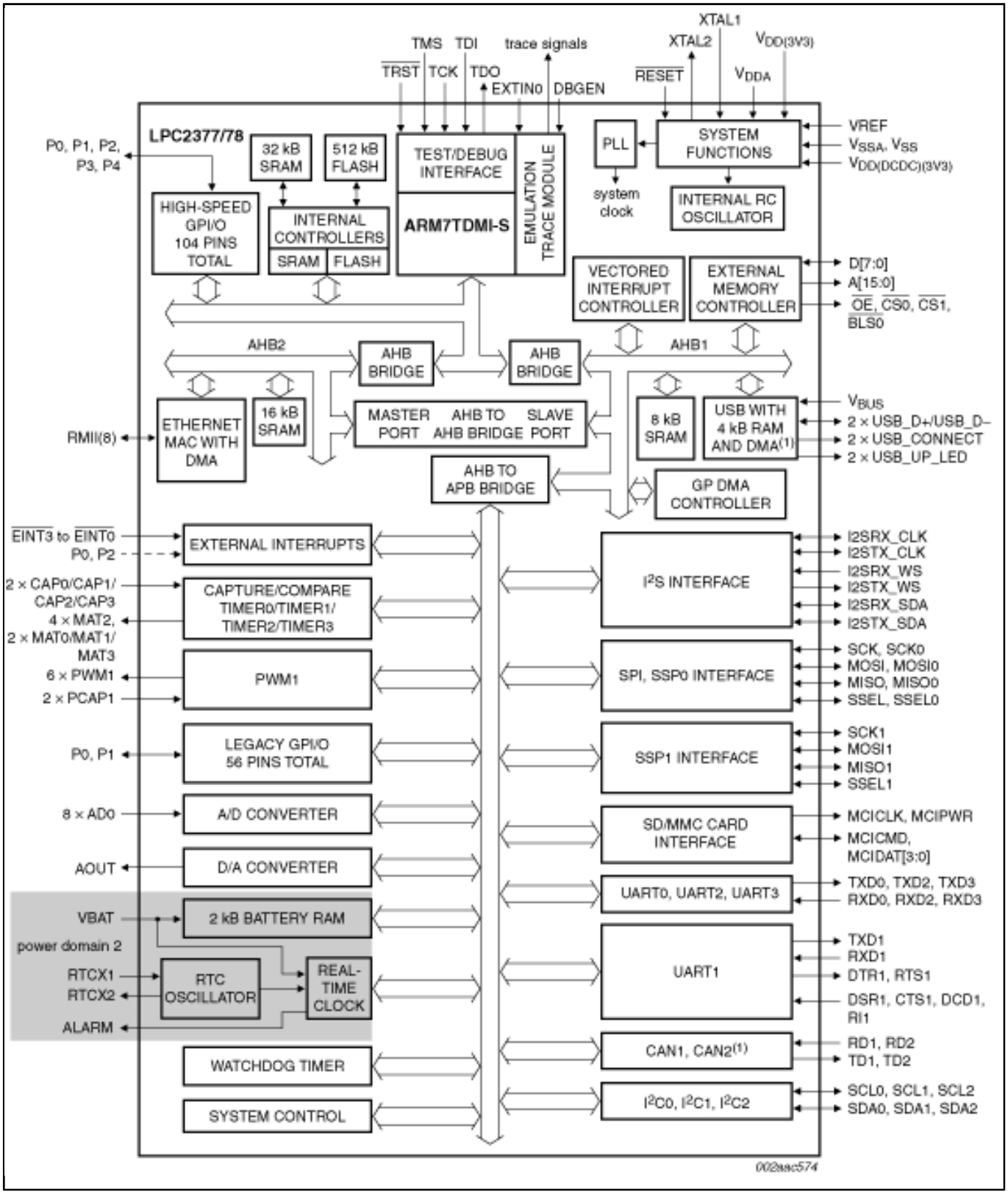
The LPC2377 is an Arm7 microcontroller for embedded applications featuring a high level of integration and low power consumption at frequencies of 72 MHz. Features include 512 kB of flash memory, 58 kB of SRAM, Ethernet MAC, DMA controller, 4 UARTs, 2 SSP, 1 SPI, 3 I2C, I2S, 8-channel 10-bit ADC, 10-bit DAC, PWM, 4 general purpose timers, low power RealTime Clock with separate battery supply, and up to 104 general purpose I/O pins. The LPC2377 is pin-compatible to the LPC176x Cortex-M3 MCU series.

Block diagram: LPC2377FBD144, LPC2378FBD144 Block Diagram



View additional information for Arm7™ with 512KB flash, 58 KB SRAM, Ethernet, and 10-bit ADC.

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