Arm7™ with 128 kB flash, 34 kB SRAM, Ethernet, USB 2.0 Device, CAN, and 10-bit ADC

LPC2364HBD100

Not Recommended for New Designs

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

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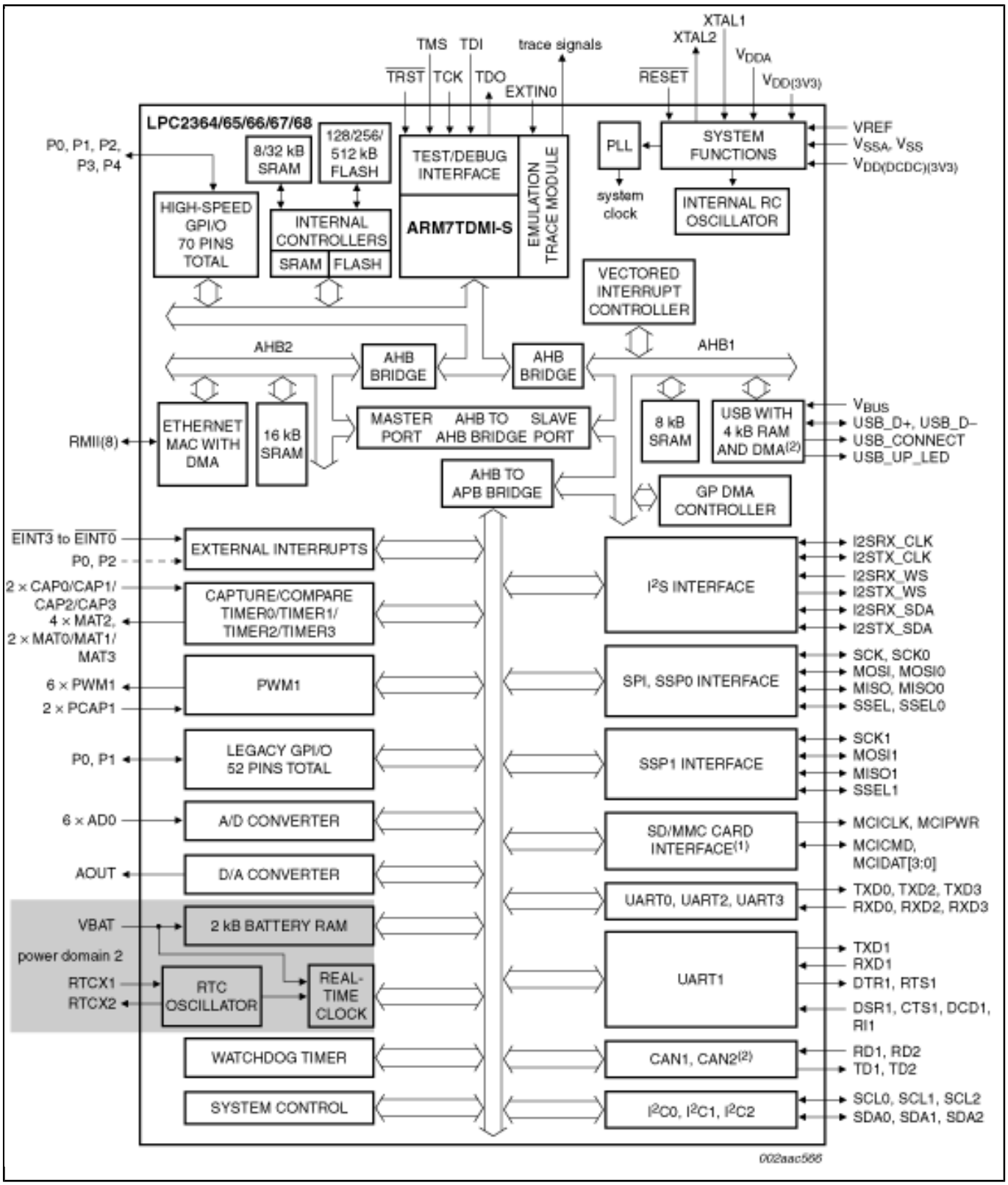
The LPC2364HBD100 is a Arm7™ microcontroller for embedded applications featuring a high level of integration and low power consumption at frequencies of 72 MHz. Features include up to 128 kB of flash memory, up to 34 kB of RAM, Ethernet MAC, USB Device/Host/OTG, DMA controller, 4 UARTs, 2 CAN channels, 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 70 general purpose I/O pins. The LPC23xx are pin-compatible to the LPC176x Cortex-M3 series.

Block diagram: LPC2364FBD100, LPC2364FET100, LPC2364HBD100, LPC2365FBD100, LPC2366FBD100, LPC2367FBD100, LPC2368FBD100, LPC2368FET100 Block Diagram



View additional information for Arm7™ with 128 kB flash, 34 kB SRAM, Ethernet, USB 2.0 Device, CAN, and 10-bit ADC.

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

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