Arm7™ with 512 KB Flash, 58 KB SRAM, Ethernet, USB 2.0 Device, CAN, SD/MMC, and 10-Bit ADC

LPC2368FBD100

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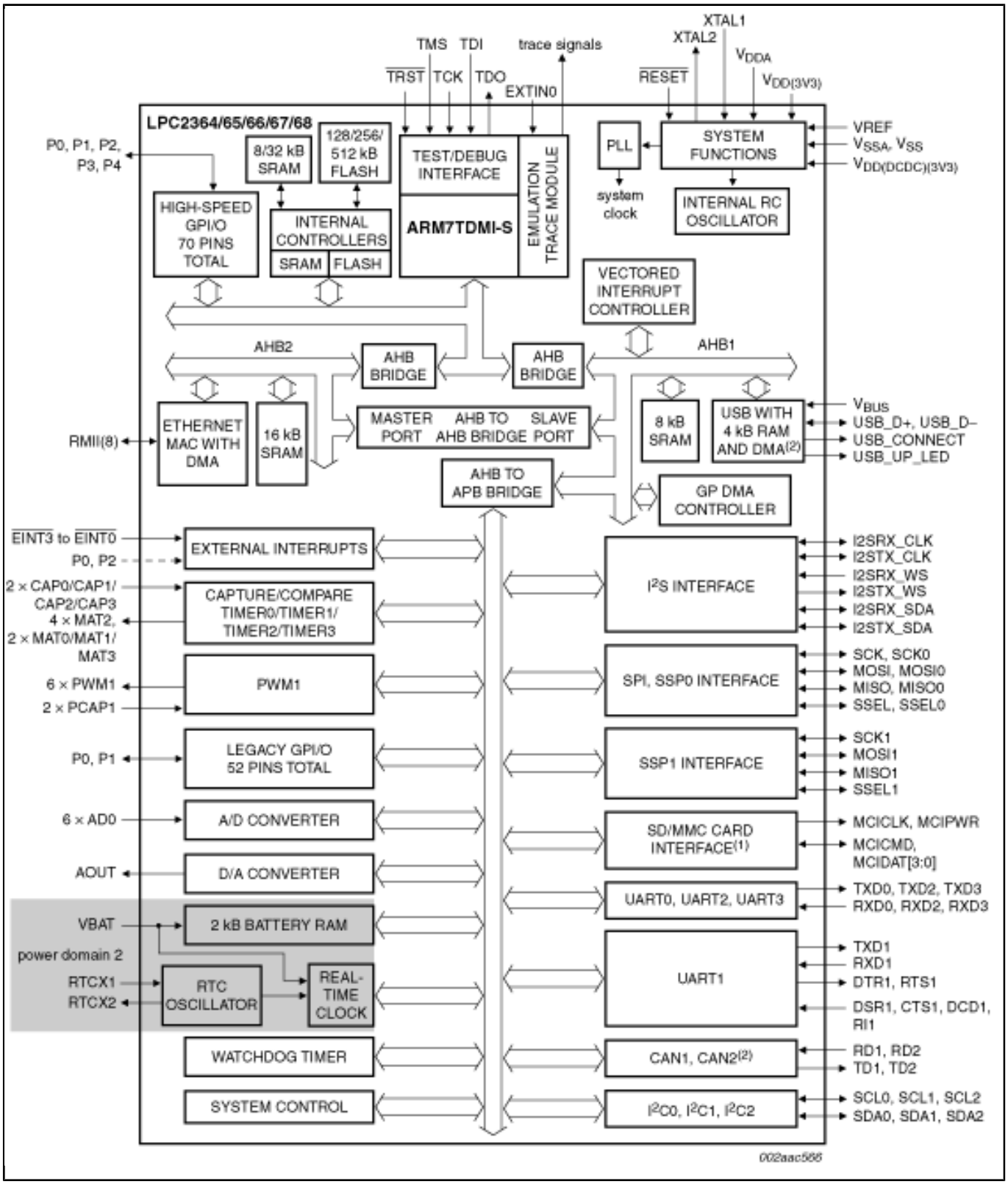
The LPC2368FBD100 is a Arm7 microcontroller for embedded applications featuring a high level of integration and low power consumption at frequencies of 72 MHz. Features include up to 256 kB of flash memory, up to 58 kB of RAM, Ethernet MAC, USB Device/Host/OTG, DMA controller, SD/MMC, 4 UARTs, 2 CAN 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 512 KB Flash, 58 KB SRAM, Ethernet, USB 2.0 Device, CAN, SD/MMC, and 10-Bit ADC.

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