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# Stm32 Cortex M3

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values), Cortex-M4/M7/M33/M35P is 1 cycle. ARM Cortex-M - Wikipedia The stack of the ARM Cortex M3 (STM32F103RBT6) is full descending according to section 2.1.2 in the STM32F10xxx Programming Manual: "This means the stack pointer indicates the last stacked item on the stack memory. When the processor pushes a new item onto the stack, it decrements the stack pointer and then writes the item to the new memory location.

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It incorporates the high performance ARM® Cortex®-M3 32bit RISC core operating at a 72MHz frequency, high-speed embedded memories and an extensive range of enhanced I/Os and peripherals connected to two APB buses. The 100-pin general-purpose microcontroller unit (MCU) feature 128kB flash memory. POR, PDR and programmable voltage detector

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