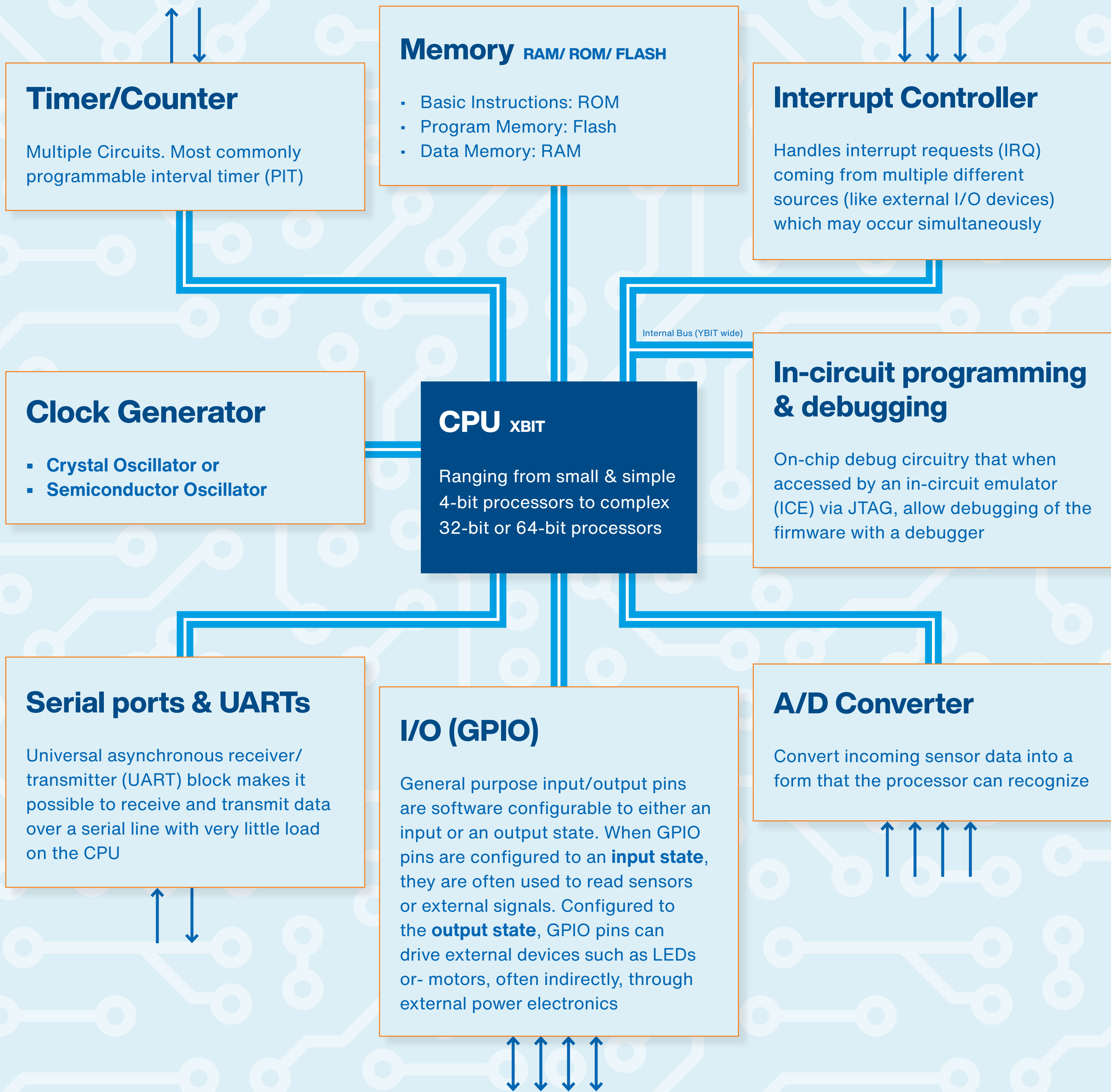


Microcontroller reference guide



Examples: Y = 4, 8, 16, 32 Bit (Bus width)

	Example CPU Core	Example MCU
X		
4 Bit	Samsung SAM47	Samsung S3C7(KS57)
8 Bit	Microchip Atmel AVR	Microchip AVR DB
16 Bit	TI MSP430	TI MSP430
32 Bit	Infineon TriCore	Infineon Aurix
ARM Cortex	M4	STM32WLE5/E4xx

PWMs
Pulse-width modulation (PWM) block makes it possible for the CPU to control power converters, resistive loads, motors, etc., without using many CPU resources in tight timer loop