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[Atmel AVR XMEGA D Manual - Microchip Technology](#)

The high-performance, low-power Microchip 8-bit AVR RISC-based microcontroller combines 256KB ISP flash memory, 8KB SRAM, 4KB EEPROM, 86 general purpose I/O lines, 32 general purpose working registers, real time counter, six flexible timer/counters with compare modes, PWM, 4 USARTs, byte oriented 2-wire serial interface, 16-channel 10-bit A/D converter, and a JTAG interface for on-chip debugging.

Atmel AVR instruction set - Wikipedia

ATMega Microcontrollers belong to the AVR family of microcontrollers and is manufactured by Atmel Corporation. An ATMega Microcontroller is an 8-bit microcontroller with Reduced Instruction Set (RISC) based Harvard Architecture. [*THE ATMEL AVR MICROCONTROLLER: MEGA AND XMEGA IN ...*

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AVR microcontrollers - Wikipedia

AVR is a family of microcontrollers developed since 1996 by Atmel, acquired by Microchip Technology in 2016. These are modified Harvard architecture 8-bit RISC single-chip microcontrollers.

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Atmel - Wikipedia

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Arduino - Wikipedia

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