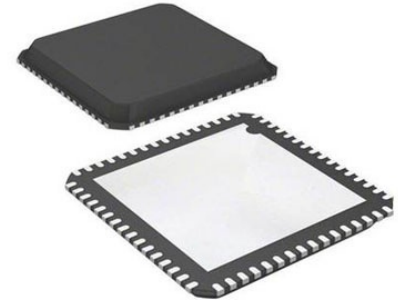


8-bit Microcontroller with 64K/128K/256K Bytes In-System Programmable Flash, Microcontrollers (MCU) AVR 256K FLASH 4K EE 8K SRAM ADC 1.8V

| | |
|---------------|---|
| Manufacturers | Microchip Technology, Inc |
| Package/Case | VQFN-64 |
| Product Type | Embedded Processors & Controllers |
| RoHS | Green |
| Lifecycle | |



Images are for reference only

Please submit RFQ for ATMEGA2561V-8MU or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

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, 8-channel 10-bit A/D converter, and a JTAG interface for on-chip debugging. The device achieves a throughput of 16 MIPS at 16 MHz and operates between 4.5-5.5 volts.

By executing powerful instructions in a single clock cycle, the device achieves a throughput approaching 1 MIPS per MHz, balancing power consumption and processing speed.

Related Products



[ATMAMA5D36A-CU](#)

Microchip Technology, Inc
LFBGA-324



[ATMEGA32M1-AU](#)

Microchip Technology, Inc
TQFP-32



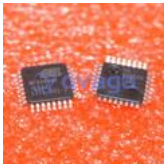
[ATXMEGA128D3-AU](#)

Microchip Technology, Inc
TQFP-64



[ATTINY2313V-10SU](#)

Microchip Technology, Inc
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[ATMEGA64M1-15AZ](#)

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