

MICROCONTROLLER MCU, 8 BIT, ATMEGA, 10MHZ, Controller
 Family/Series:ATmega, CPU Speed:10MHz, Program Memory Size:4KB, RAM Memory Size:512Byte

Manufacturers	Microchip Technology, Inc
Package/Case	SPDIP-28
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ATMEGA48V-10PU or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

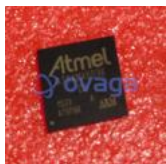
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General Description

The high-performance Microchip's AVR® 8-bit RISC-based microcontroller with picoPower® technology combines 4KB ISP Flash memory with read-while-write capabilities, 256B EEPROM, 512B SRAM, 27 general-purpose I/O lines, 32 general-purpose working registers, three flexible timer/counters with compare modes, internal and external interrupts, USART with wake-up on start of transmission, a byte-oriented 2-wire serial interface, SPI serial port, 8-channel 10-bit A/D converter, programmable watchdog timer with internal oscillator, a 9-byte unique serial number and five software selectable power-saving modes. The device operates between 1.8-5.5 volts.

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

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