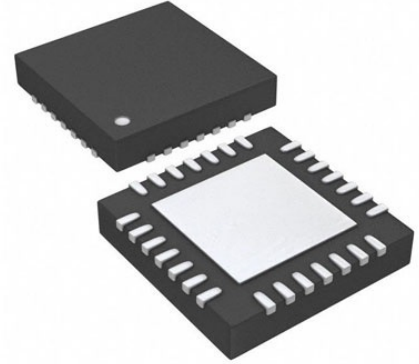


8 Bit MCU, Low Power High Performance, AVR ATmega Family ATmega48 Series Microcontrollers, 20 MHz

|               |   |
|---------------|---|
| Manufacturers | <a href="#">Microchip Technology, Inc</a> |
| Package/Case  | VQFN-28                                   |
| Product Type  | Embedded Processors & Controllers         |
| RoHS          | Rohs                                      |
| Lifecycle     |   |



Images are for reference only

Please submit RFQ for ATMEGA48PA-MMH or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

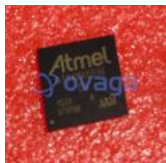
[RFQ](#)

## General Description

The high-performance Microchip picoPower 8-bit AVR RISC-based microcontroller combines 4KB ISP flash memory, 256-Byte EEPROM, 512-Byte SRAM, 23 general purpose I/O lines, 32 general purpose working registers, three flexible timer/counters with compare modes, internal and external interrupts, serial programmable USART, a byte-oriented 2-wire serial interface, SPI serial port, 6-channel 10-bit A/D converter (8-channels in TQFP and QFN/MLF packages), programmable watchdog timer with internal oscillator, 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.

## Related Products



[ATMAMA5D36A-CU](#)

Microchip Technology, Inc  
LFBGA-324



[ATMEGA32M1-AU](#)

Microchip Technology, Inc  
TQFP-32



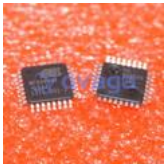
[ATXMEGA128D3-AU](#)

Microchip Technology, Inc  
TQFP-64



[ATTINY2313V-10SU](#)

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