

8 Bit MCU, Low Power High Performance, AVR ATmega Family ATmega324 Series Microcontrollers, 20 MHz

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|---------------|---|
| Manufacturers | Microchip Technology, Inc |
| Package/Case | TQFP-44 |
| Product Type | Embedded Processors & Controllers |
| RoHS | Rohs |
| Lifecycle | |



Images are for reference only

Please submit RFQ for ATMEGA324PA-AUR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

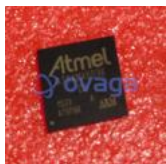
[RFQ](#)

General Description

The high-performance Microchip picoPower 8-bit AVR RISC-based microcontroller combines 32KB ISP flash memory with read-while-write capabilities, 1KB EEPROM, 2KB SRAM, 32 general purpose I/O lines, 32 general purpose working registers, a real time counter, three flexible timer/counters with compare modes and PWM, two USARTs, a byte oriented 2-wire serial interface, an 8-channel 10-bit A/D converter with optional differential input stage with programmable gain, programmable watchdog timer with internal oscillator, SPI serial port, a JTAG (IEEE 1149.1 compliant) test interface for on-chip debugging and programming, and six 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



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LFBGA-324



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TQFP-32



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[ATTINY2313V-10SU](#)

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SOT-23-6