

8 Bit MCU, Low Power High Performance, AVR ATmega Family ATmega16X Series Microcontrollers, 16 MHz

|               |   |
|---------------|---|
| Manufacturers | <a href="#">Microchip Technology, Inc</a> |
| Package/Case  | TQFP-32                                   |
| Product Type  | Embedded Processors & Controllers         |
| RoHS          |   |
| Lifecycle     |   |



Images are for reference only

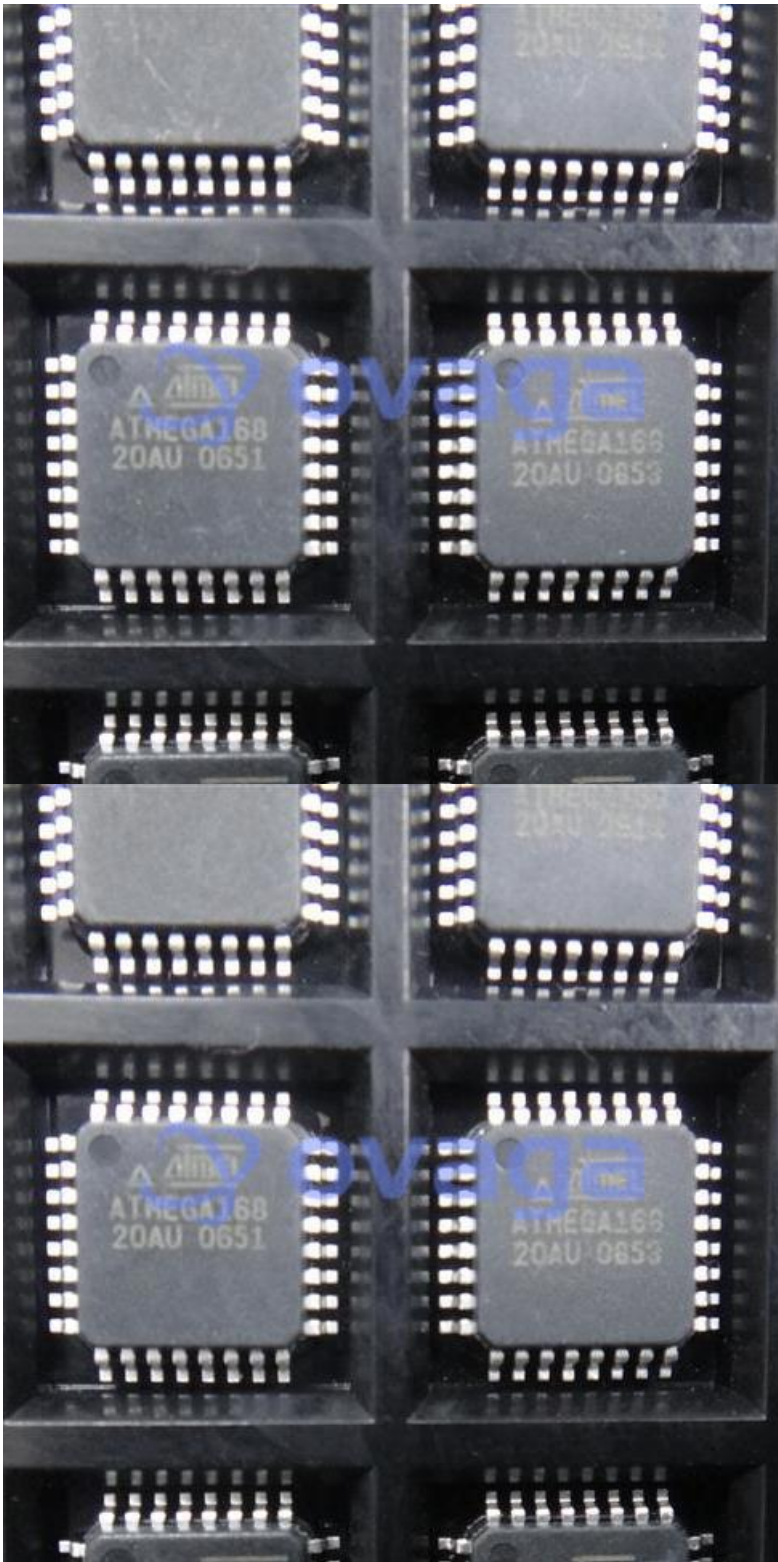
Please submit RFQ for ATMEGA168-15AD or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

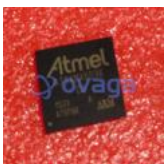
## General Description

The high-performance Microchip'spicoPower® 8-bit AVR® RISC-based microcontroller combines 16KB ISP flash memory with read-while-write capabilities, 512B EEPROM, 1KB 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.



### Related Products



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LFBGA-324



[ATMEGA32M1-AU](#)

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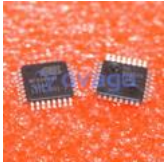
[ATXMEGA128D3-AU](#)

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TQFP-64



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SOT-23-6