

8 Bit MCU, Low Power High Performance, AVR ATmega Family ATmega8 Series Microcontrollers, 16 MHz

Manufacturers	<u>Microchip Technology, Inc</u>
Package/Case	TQFP-32
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ATMEGA8-16AUR 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's AVR® 8-bit RISC-based microcontroller with picoPower® technology combines 8 KB ISP Flash memory with read-while-write capabilities, 512B EEPROM, 1 KB 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 Two-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.

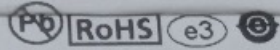
By executing powerful instructions in a single clock cycle, the device achieves throughputs approaching one MIPS per MHz, balancing power consumption and processing speed.



(1P) CATALOG P/N: ATMEGA8-16AUR



(1T) LOT NO: [REDACTED]



MSL: 3/260 C  
PKG: TQFP  
LEAD: 032

(Q) QTY  
**346**

(P) CUST.P/N: -



MPC: [REDACTED]

D/C QTY  
2113 346



SEAL DATE: 10/28/21  
WAFER QTY: -  
WAFER REV: -  
RECERT D/C: -  
WAFER LOT: -

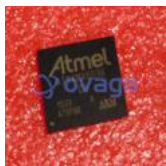


ID#: (001) TRACE CODE: 211 [REDACTED]



MADE IN PHILIPPINES

### Related Products



[ATMAMA5D36A-CU](#)

Microchip Technology, Inc  
LFBGA-324



[ATMEGA32M1-AU](#)

Microchip Technology, Inc  
TQFP-32



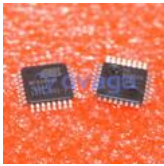
[ATXMEGA128D3-AU](#)

Microchip Technology, Inc  
TQFP-64



[ATTINY2313V-10SU](#)

Microchip Technology, Inc  
SOIC-20



[ATMEGA64M1-15AZ](#)

Microchip Technology, Inc  
TQFP-32



[ATMEGA16L-8PU](#)

Microchip Technology, Inc  
PDIP-40



[ATTINY48-MU](#)

Microchip Technology, Inc  
VQFN-32



[ATTINY4-TSHR](#)

Microchip Technology, Inc  
SOT-23-6