

8 Bit MCU, Low Power High Performance, AVR ATmega Family ATmega32 Series Microcontrollers, 16 MHz

Manufacturers	Microchip Technology, Inc
Package/Case	TQFP-32
Product Type	Embedded Processors & Controllers
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for ATMEGA32M1-AU or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

ATMEGA32M1-AU is a microcontroller chip from the Atmel AVR family. It is a low-power, high-performance 8-bit microcontroller that is widely used in a variety of applications.

Features

- It has a 32KB flash program memory and 2KB EEPROM data memory.
- It has 32 general-purpose I/O lines, 8-channel 10-bit ADC, and 6 PWM channels.
- It has a built-in USART, SPI, and I2C communication protocols.
- It operates at a maximum clock speed of 16MHz.
- It has a wide operating voltage range from 1.8V to 5.5V.
- It has a low power consumption mode that makes it ideal for battery-powered applications.

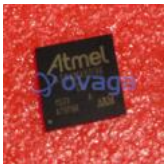
Application

- ATMEGA32M1-AN
- ATMEGA32M1-MU
- ATMEGA32M1-CU
- ATMEGA32M1-CN
- ATMEGA32M1-AUR
- ATMEGA32M1-MUR
- ATMEGA32M1-CUR
- ATMEGA32M1-CNR





Related Products



[ATSAMA5D36A-CU](#)

Microchip Technology, Inc
LFBGA-324



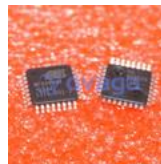
[ATXMEGA128D3-AU](#)

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



[ATSAME70Q21A-CN](#)

Microchip Technology, Inc
LFBGA-144