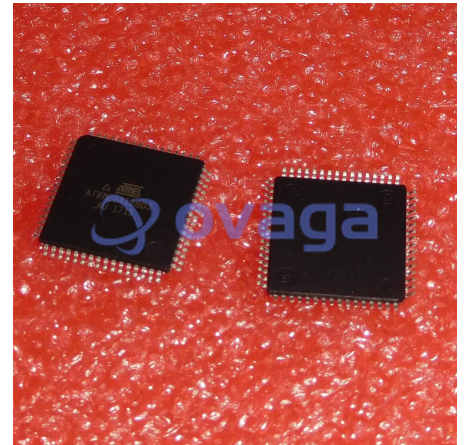


8 Bit MCU, Low Power High Performance, AVR ATxmega Family ATXmega D Series Microcontrollers, 32 MHz

Manufacturers	<a href="#">Microchip Technology, Inc</a>
Package/Case	TQFP-64
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ATXMEGA128D3-AU or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

ATXMEGA128D3-AU is a microcontroller chip from the Atmel AVR XMEGA family. It is a 32-bit RISC architecture chip that operates at a maximum frequency of 32 MHz and is based on the Harvard architecture with separate instruction and data buses. The microcontroller has 128 KB of flash memory, 8 KB of SRAM, and 2 KB of EEPROM.

## Features

32-bit AVR microcontroller

Maximum clock frequency of 32 MHz

128 KB of in-system programmable flash memory

8 KB of SRAM

2 KB of EEPROM

Up to 66 I/O pins

Up to 8-channel event system

On-chip 12-bit ADC with up to 16 channels

On-chip 12-bit DAC with single-channel operation

4-channel DMA controller

32-bit real-time counter with four compare channels

Up to 8-channel direct memory access (DMA) controller

Multiple communication interfaces including UART, SPI, and I2C

AES and DES encryption/decryption accelerator

## Application

ATXMEGA128D3-MH

ATXMEGA128D3-CU

ATXMEGA128D3-MU

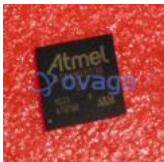
ATXMEGA128D3-AUR

ATXMEGA128D3-MUR





### Related Products



#### [ATSAMA5D36A-CU](#)

Microchip Technology, Inc  
LFBGA-324



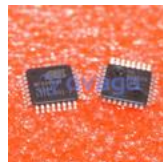
#### [ATMEGA32M1-AU](#)

Microchip Technology, Inc  
TQFP-32



#### [ATTINY2313V-10SU](#)

Microchip Technology, Inc  
SOIC-20



#### [ATMEGA64M1-15AZ](#)

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PDIP-40



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LFBGA-144