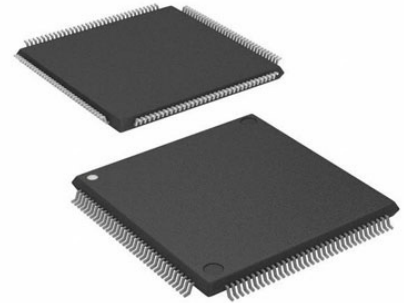


AVR Microcontroller, High performance, Low Power, AT32 Family AT32UC3A Series Microcontrollers

Manufacturers	<a href="#">Microchip Technology, Inc</a>
Package/Case	LQFP-144
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for AT32UC3A0256-ALUT or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

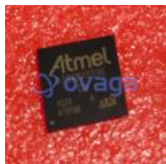
[RFQ](#)

## General Description

The high-performance, low-power 32-bit AVR RISC-based microcontroller combines 256KB flash, 64KB SRAM, 10/100 ethernet MAC, full-speed (12 Mbps) USB 2.0 with embedded host capability, I2S, and a built-in audio D/A converter. This device features SRAM/SDRAM external bus interface and achieves 91 Dhrystone MIPS (DMIPS) at 66MHz while consuming only 40mA at 3.3V. The Peripheral Direct Memory Access (PDCA) controller transfers data between peripherals and memories without processor involvement, drastically reducing processing with continuous large data streams within the MCU. The AT32UC3A0256AU is the Audio version of the AT32UC3A0256. It allows the execution of Microchip licensed Audio firmware IPs. One version is available:

AT32UC3A0256AU-ALUT: LQFP144, industrial (-40°C to +85°C), tray conditioning.

## Related Products



### [ATSAMA5D36A-CU](#)

Microchip Technology, Inc  
LFBGA-324



### [ATMEGA32M1-AU](#)

Microchip Technology, Inc  
TQFP-32



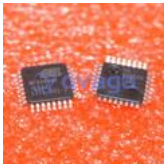
### [ATXMEGA128D3-AU](#)

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