# Ovaga

AVR32 32-Bit Microcontroller,Microcontrollers (MCU) 32-bit 128KB Flash

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|---|---|
| Manufacturers | Microchip Technology, Inc |
| Package/Case | LQFP-144 |
| Product Type | Embedded Processors & Controllers |
| RoHS | Green |
| Lifecycle | |

Images are for reference only

Please submit RFQ for AT32UC3A0128-ALUT or Email to us: sales@ovaga.com We will contact you in 12 hours.   RFQ
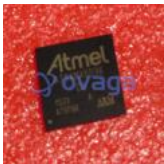
## General Description

The high-performance, low-power 32-bit AVR RISC-based microcontroller combines 128KB flash, 32KB 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 AT32UC3A0128AU is the Audio version of the AT32UC3A0128. It allows the execution of Microchip licensed Audio firmware IPs. One version is available:

AT32UC3A0128AU-ALUT: LQFP144, industrial (-40°C to +85°C), tray conditioning.

## Related Products



**ATSAMA5D36A-CU**

Microchip Technology, Inc

LFBGA-324

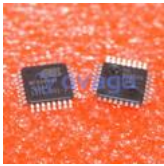

**ATMEGA32M1-AU**

Microchip Technology, Inc

TQFP-32



**ATXMEGA128D3-AU**

Microchip Technology, Inc

TQFP-64



**ATTINY2313V-10SU**

Microchip Technology, Inc

SOIC-20

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**Ovaga Technologies Limited**                                   **Email: sales@ovaga.com**

**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

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