

## ATXMEGA128A3U-AU



**Part Number:** [ATXMEGA128A3U-AU](#)  
**Manufacturer:** [Micrel / Microchip Technology](#)  
**Description:** IC MCU 8BIT 128KB FLASH 64TQFP  
**Data sheet:** [PDF ATXmegazzA3U Datasheet](#)  
[PDF XMEGA AU Manual](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
 See Product Specifications for product details.  
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### PRODUCT PARAMETER

<b>Part Number</b>	<a href="#">ATXMEGA128A3U-AU</a>
<b>Manufacturer</b>	<a href="#">Micrel / Microchip Technology</a>
<b>Description</b>	IC MCU 8BIT 128KB FLASH 64TQFP
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	18211 pcs
<b>Product Photo</b>	<a href="#">ATXMEGA128A3U-AU.jpg</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>
<b>Voltage - Supply (Vcc/Vdd)</b>	1.6 V ~ 3.6 V
<b>Supplier Device Package</b>	64-TQFP (14x14)
<b>Speed</b>	32MHz
<b>Series</b>	AVR® XMEGA® A3U
<b>RAM Size</b>	8K x 8
<b>Program Memory Type</b>	FLASH
<b>Program Memory Size</b>	128KB (64K x 16)
<b>Peripherals</b>	Brown-out Detect/Reset, DMA, POR, PWM, WDT
<b>Packaging</b>	Tray
<b>Package / Case</b>	64-TQFP
<b>Other Names</b>	ATXMEGA128A3UAU
<b>Oscillator Type</b>	Internal
<b>Operating Temperature</b>	-40°C ~ 85°C (TA)
<b>Number of I/O</b>	50
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>EEPROM Size</b>	2K x 8
<b>Detailed Description</b>	AVR AVR® XMEGA® A3U Microcontroller IC 8/16-Bit 32MHz 128KB (64K x 16) FLASH 64-TQFP (14x14)
<b>Data Converters</b>	A/D 16x12b; D/A 2x12b
<b>Core Size</b>	8/16-Bit
<b>Core Processor</b>	AVR
<b>Connectivity</b>	PC, IrDA, SPI, UART/USART, USB
<b>Base Part Number</b>	ATXMEGA128

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">ATXMEGA128A3U-MH</a> <b>Description:</b> IC MCU 8BIT 128KB FLASH 64QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> <b>In Stock:</b> 18635	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATXMEGA128A3-MH</a> <b>Description:</b> IC MCU 8BIT 128KB FLASH 64QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> <b>In Stock:</b> 14246	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATXMEGA128A4U-AUR</a> <b>Description:</b> IC MCU 8BIT 128KB FLASH 44TQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> <b>In Stock:</b> 25995	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATXMEGA128A3U-MN</a> <b>Description:</b> IC MCU 8BIT 128KB FLASH 64QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> <b>In Stock:</b> 4225	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATXMEGA128A4U-AU</a> <b>Description:</b> IC MCU 8BIT 128KB FLASH 44TQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> <b>In Stock:</b> 27651	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATXMEGA128A3U-AUR</a> <b>Description:</b> IC MCU 8BIT 128KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Microchip Technology</a> <b>In Stock:</b> 19424	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATXMEGA128A4U-AN</a> <b>Description:</b> IC MCU 8BIT 128KB FLASH 44TQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> <b>In Stock:</b> 21721	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATXMEGA128A3-AU</a> <b>Description:</b> IC MCU 8BIT 128KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> <b>In Stock:</b> 13868	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATXMEGA128A3-AUR</a> <b>Description:</b> IC MCU 8BIT 128KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Microchip Technology</a> <b>In Stock:</b> 15941	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATXMEGA128A4U-ANR</a> <b>Description:</b> IC MCU 8BIT 128KB FLASH 44TQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> <b>In Stock:</b> 20494	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATXMEGA128A3U-MHR</a> <b>Description:</b> IC MCU 8BIT 128KB FLASH 64QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> <b>In Stock:</b> 19821	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATXMEGA128A1U-CU</a> <b>Description:</b> IC MCU 8BIT 128KB FLASH 100CBGA	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> <b>In Stock:</b> 13391	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATXMEGA128A3-MHR</a> <b>Description:</b> IC MCU 8BIT 128KB FLASH 64QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> <b>In Stock:</b> 15601	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATXMEGA128A1U-CUR</a> <b>Description:</b> IC MCU 8BIT 128KB FLASH 100CBGA	<b>Manufacturers:</b> <a href="#">Microchip Technology</a> <b>In Stock:</b> 15698	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATXMEGA128A3U-AUR</a> <b>Description:</b> IC MCU 8BIT 128KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> <b>In Stock:</b> 16668	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATXMEGA128A3U-MNR</a> <b>Description:</b> IC MCU 8BIT 128KB FLASH 64QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> <b>In Stock:</b> 4968	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATXMEGA128A1U-CUR</a> <b>Description:</b> IC MCU 8BIT 128KB FLASH 100CBGA	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> <b>In Stock:</b> 14072	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATXMEGA128A3U-ANR</a> <b>Description:</b> IC MCU 8BIT 128KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> <b>In Stock:</b> 3987	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATXMEGA128A3U-AN</a> <b>Description:</b> IC MCU 8BIT 128KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> <b>In Stock:</b> 15530	<a href="#">RFQ</a>
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