

ATXMEGA128A1U-AUR





Part Number: [ATXMEGA128A1U-AUR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 128KB FLASH 100TQFP

Data sheet:  [ATxmega128A1U,64A1U](#)
 [XMEGA AU Manual](#)

RoHs Status: Lead free / RoHS Compliant

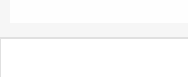
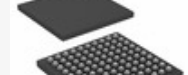
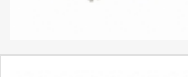
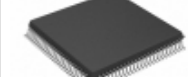
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PRODUCT PARAMETER			
Part Number	ATXMEGA128A1U-AUR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 128KB FLASH 100TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	17559 pcs	Data sheet	ATxmega128A1U,64A1U XMEGA AU Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.6 V ~ 3.6 V
Supplier Device Package	100-TQFP (14x14)	Speed	32MHz
Series	AVR® XMEGA® A1U	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (64K x 16)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	100-TQFP	Other Names	ATXMEGA128A1U-AUR-ND ATXMEGA128A1U-AURTR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	78	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	2K x 8	Detailed Description	AVR AVR® XMEGA® A1U Microcontroller IC 8/16-Bit 32MHz 128KB (64K x 16) FLASH 100-TQFP (14x14)
Data Converters	A/D 16x12b, D/A 4x12b	Core Size	8/16-Bit
Core Processor	AVR	Connectivity	EBI/EMI, I²C, IrDA, SPI, UART/USART, USB
Base Part Number	ATXMEGA128		
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	Part#: ATXMEGA128A1U-C7UR Description: IC MCU 8BIT 128KB FLASH 100VFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
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