

ATXMEGA16A4U-AU





Part Number: [ATXMEGA16A4U-AU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 16KB FLASH 44TQFP

Data sheet:  [XMEGA AU Manual](#)
 [ATXMEGAxxA4U Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

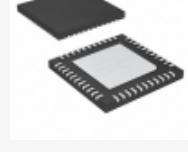
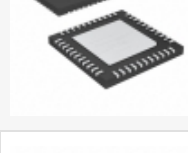
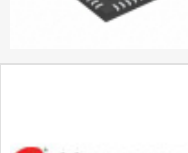
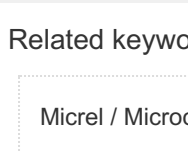
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PRODUCT PARAMETER			
Part Number	ATXMEGA16A4U-AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 16KB FLASH 44TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	41578 pcs	Data sheet	XMEGA AU Manual ATXMEGAxxA4U Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.6 V ~ 3.6 V
Supplier Device Package	44-TQFP (10x10)	Speed	32MHz
Series	AVR® XMEGA® A4U	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (8K x 16)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	44-TQFP	Other Names	ATXMEGA16A4UAU
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	34	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	1K x 8	Detailed Description	AVR AVR® XMEGA® A4U Microcontroller IC 8/16-Bit 32MHz 16KB (8K x 16) FLASH 44-TQFP (10x10)
Data Converters	A/D 12x12b, D/A 2x12b	Core Size	8/16-Bit
Core Processor	AVR	Connectivity	I²C, IrDA, SPI, UART/USART, USB
Base Part Number	ATXMEGA16		
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RELATED PRODUCTS			
	Part#: ATXMEGA16A4U-CNR Description: IC MCU 8BIT 16KB FLASH 49VFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATXMEGA16A4U-ANR Description: IC MCU 8BIT 16KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16A4-MHR Description: IC MCU 8BIT 16KB FLASH 44VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16A4U-AUR Description: IC MCU 8BIT 16KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA128D4-MNR Description: IC MCU 8BIT 128KB FLASH 44VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16A4-CUR Description: IC MCU 8BIT 16KB FLASH 49VFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATXMEGA16A4U-M7 Description: IC MCU 8BIT 16KB FLASH 44VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
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