

ATXMEGA64A1U-CUR



Part Number: [ATXMEGA64A1U-CUR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 64KB FLASH 100CBGA

Data sheet:  [ATXmega128A1U,64A1U](#)

RoHs Status: Lead free / RoHS Compliant

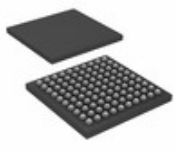
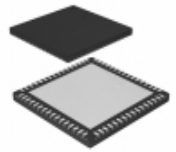
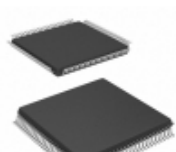
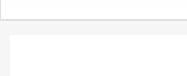
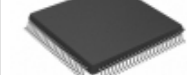
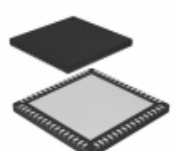
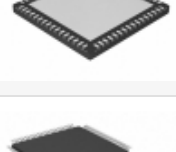
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PRODUCT PARAMETER			
Part Number	ATXMEGA64A1U-CUR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 64KB FLASH 100CBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	19442 pcs	Data sheet	ATXmega128A1U,64A1U
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.6 V ~ 3.6 V
Supplier Device Package	100-CBGA (9x9)	Speed	32MHz
Series	AVR® XMEGA® A1U	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (32K x 16)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	100-TFBGA	Other Names	ATXMEGA64A1U-CUR-ND ATXMEGA64A1U-CURTR
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 64KB (32K x 16) FLASH 100-CBGA (9x9)
Data Converters	A/D 16x12b, D/A 4x12b	Core Size	8/16-Bit
Core Processor	AVR	Connectivity	EBI/EMI, I²C, IrDA, SPI, UART/USART
Base Part Number	ATXMEGA64		
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