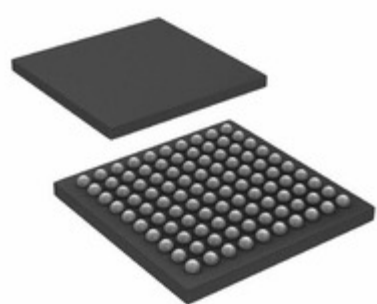


ATXMEGA128A1-C7U





Part Number: [ATXMEGA128A1-C7U](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 128KB FLASH 100VFBGA

Data sheet:  [ATxmega128A1/64A1 Preliminary~](#)

RoHs Status: Lead free / RoHS Compliant

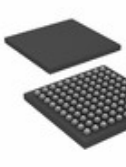
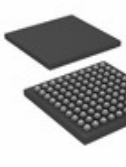
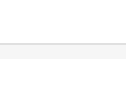
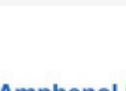
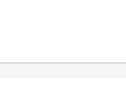
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	ATXMEGA128A1-C7U	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 128KB FLASH 100VFBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	15862 pcs	Data sheet	ATxmega128A1/64A1 Preliminary~
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.6 V ~ 3.6 V
Supplier Device Package	100-VFBGA (7x7)	Speed	32MHz
Series	AVR® XMEGA® A1	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	Tray
Package / Case	100-VFBGA	Other Names	ATXMEGA128A1C7U
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® A1 Microcontroller IC 8/16-Bit 32MHz 128KB (64K x 16) FLASH 100-VFBGA (7x7)
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	ATXMEGA128		
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	Description: IC MCU 8BIT 128KB FLASH 100TQFP		
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	Description: IC MCU 8BIT 128KB FLASH 100TQFP		
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	Description: IC MCU 8BIT 128KB FLASH 100CBGA		
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	Description: CONN TERM BLK FEED THRU 8-22 AWG		
	Part#: ATXMEGA128A1U-AU	Manufacturers: Micrel / Microchip Technology	RFQ
	Description: IC MCU 8BIT 128KB FLASH 100TQFP		
	Part#: ATXMEGA128A1U-C7UR	Manufacturers: Micrel / Microchip Technology	RFQ
	Description: IC MCU 8BIT 128KB FLASH 100VFBGA		
	Part#: ATX6R	Manufacturers: Amphenol Pcd	RFQ
	Description: CONN TERM BLK FEED THRU 8-22AWG		
	Part#: ATXMEGA128A1-CUR	Manufacturers: Micrel / Microchip Technology	RFQ
	Description: IC MCU 8BIT 128KB FLASH 100CBGA		

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