

ATXMEGA128A1U-CN



Part Number: [ATXMEGA128A1U-CN](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 128KB FLASH 100CBGA

Data sheet:  [XMEGA AU Manual](#)
 [ATXMEGA\(128,64\)A1U Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

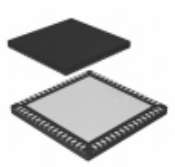
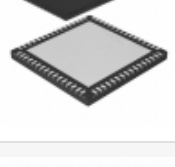
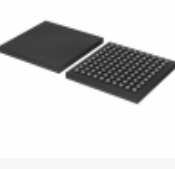
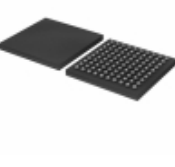
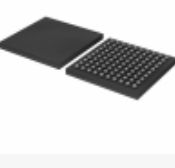
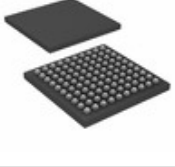
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATXMEGA128A1U-CN	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 128KB FLASH 100CBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	14804 pcs	Data sheet	XMEGA AU Manual ATXMEGA(128,64)A1U Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Datasheet 1.6 V ~ 3.6 V
Supplier Device Package	100-CBGA (9x9)	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	Tray
Package / Case	100-TFBGA	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	78
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	4 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-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, USB	Base Part Number	ATXMEGA128
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