

ATXMEGA256A3U-AU



Part Number: [ATXMEGA256A3U-AU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 256KB FLASH 64TQFP

Data sheet:  [ATxmegazzzA3U Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

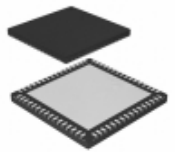
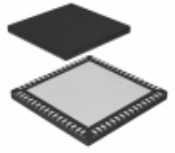
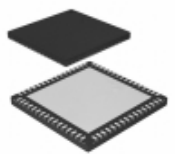
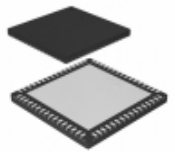
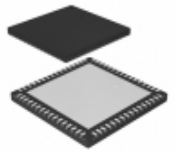
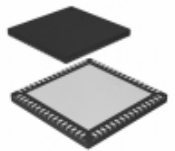
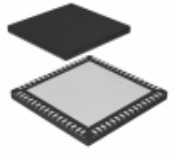
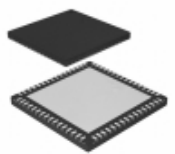
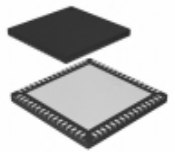
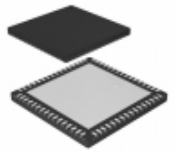
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PRODUCT PARAMETER			
Part Number	ATXMEGA256A3U-AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 256KB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	16927 pcs	Data sheet	ATxmegazzzA3U Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.6 V ~ 3.6 V
Supplier Device Package	64-TQFP (14x14)	Speed	32MHz
Series	AVR® XMEGA® A3U	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (128K x 16)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	64-TQFP	Other Names	ATXMEGA256A3UAU
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	50	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	4K x 8	Detailed Description	AVR AVR® XMEGA® A3U Microcontroller IC 8/16-Bit 32MHz 256KB (128K x 16) FLASH 64-TQFP (14x14)
Data Converters	A/D 16x12b; D/A 2x12b	Core Size	8/16-Bit
Core Processor	AVR	Connectivity	I²C, IrDA, SPI, UART/USART, USB
Base Part Number	ATXMEGA256		
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