

ATXMEGA256A3B-AU





Part Number: [ATXMEGA256A3B-AU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 256KB FLASH 64TQFP

Data sheet:  [ATxmega256A3B Preliminary Datasheet](#)
 [XMEGA_A Manual](#)

RoHs Status: Lead free / RoHS Compliant

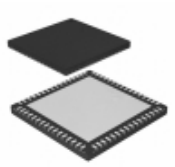
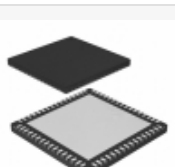
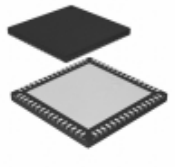
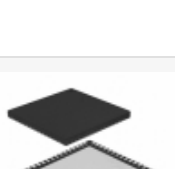
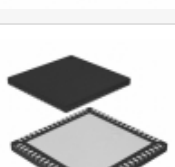
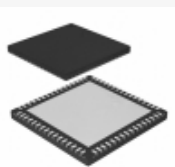
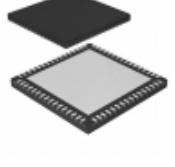
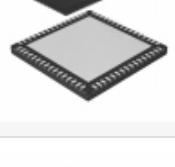
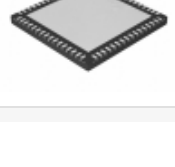
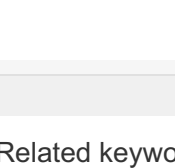
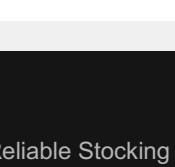
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PRODUCT PARAMETER			
Part Number	ATXMEGA256A3B-AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 256KB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	11154 pcs	Data sheet	ATxmega256A3B Preliminary Datasheet XMEGA_A Manual
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® A3B	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	ATXMEGA256A3BAU
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	49	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	4K x 8
Detailed Description	AVR AVR® XMEGA® A3B 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, SPI, UART/USART	Base Part Number	ATXMEGA256
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