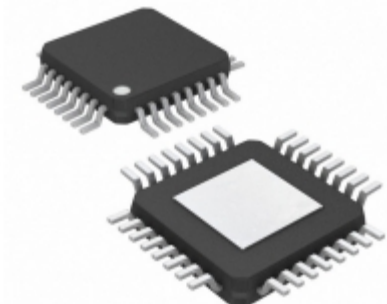


ATXMEGA16E5-AN





Part Number: [ATXMEGA16E5-AN](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 16KB FLASH 32TQFP

Data sheet:  [ATxmega32E5,16E5,8E5 Datasheet](#)
 [XMEGA E Manual](#)

RoHs Status: Lead free / RoHS Compliant

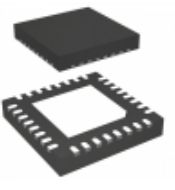
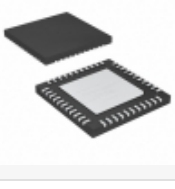
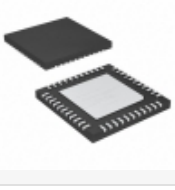
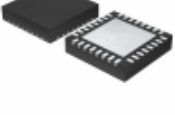
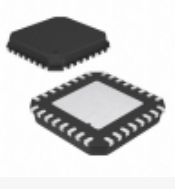
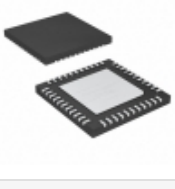
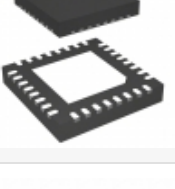
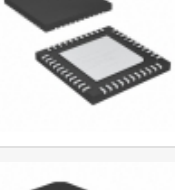
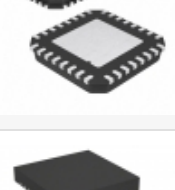
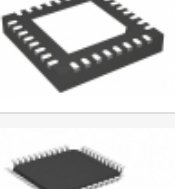
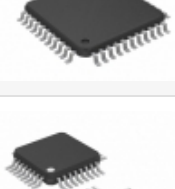
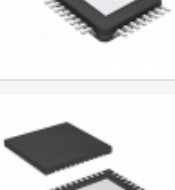
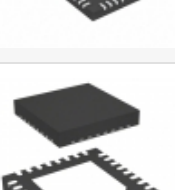
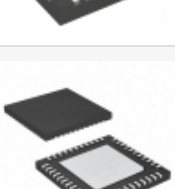
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATXMEGA16E5-AN	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 16KB FLASH 32TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	46578 pcs	Data sheet	ATxmega32E5,16E5,8E5 Datasheet XMEGA E Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.6 V ~ 3.6 V
Supplier Device Package	32-TQFP (7x7)	Speed	32MHz
Series	AVR® XMEGA® E5	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (8K x 16)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	32-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	26
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	4 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	512 x 8
Detailed Description	AVR AVR® XMEGA® E5 Microcontroller IC 8/16-Bit 32MHz 16KB (8K x 16) FLASH 32-TQFP (7x7)	Data Converters	A/D 16x12b, D/A 2x12b
Core Size	8/16-Bit	Core Processor	AVR
Connectivity	I²C, IrDA, SPI, UART/USART	Base Part Number	ATXMEGA16
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RELATED PRODUCTS			
	Part#: ATXMEGA16E5-M4U Description: IC MCU 8BIT 16KB FLASH 32UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16D4-MHA2 Description: IC MCU 8BIT 16KB FLASH 44VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16D4-CUR Description: IC MCU 8BIT 16KB FLASH 49VFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16D4-MHR Description: IC MCU 8BIT 16KB FLASH 44VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16E5-MU Description: IC MCU 8BIT 16KB FLASH 32VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16D4-CU Description: IC MCU 8BIT 16KB FLASH 49VFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16E5-AUR Description: IC MCU 8BIT 16KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16E5-MNR Description: IC MCU 8BIT 16KB FLASH 32VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16E5-AU Description: IC MCU 8BIT 16KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16D4-AU Description: IC MCU 8BIT 16KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16D4-MNR Description: IC MCU 8BIT 16KB FLASH 44VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16E5-M4NR Description: IC MCU 8BIT 16KB FLASH 32UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16D4-MN Description: IC MCU 8BIT 16KB FLASH 44VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16E5-MN Description: IC MCU 8BIT 16KB FLASH 32VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16E5-M4N Description: IC MCU 8BIT 16KB FLASH 32UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16D4-AUR Description: IC MCU 8BIT 16KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16E5-ANR Description: IC MCU 8BIT 16KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATXMEGA16E5-M4UR Description: IC MCU 8BIT 16KB FLASH 32UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16D4-MHK Description: IC MCU 8BIT 16KB FLASH 44VQFN	Manufacturers: Micrel / Microchip Technology	RFQ

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