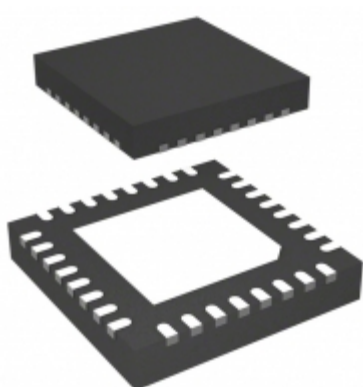


ATXMEGA16E5-M4N



Images are for reference only.
See Product Specifications for product details.
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Part Number: [ATXMEGA16E5-M4N](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 16KB FLASH 32UQFN

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

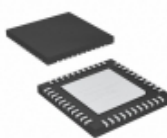
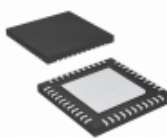
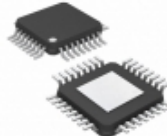
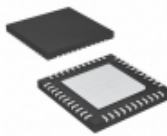
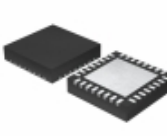
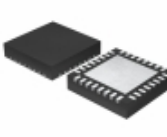
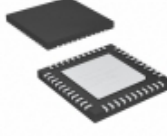
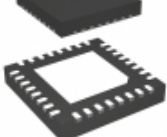
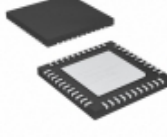
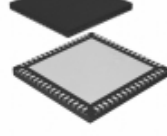
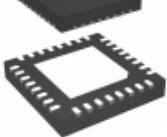
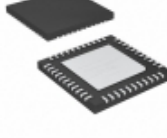
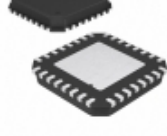
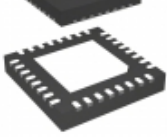
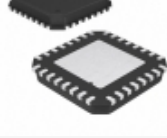
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	ATXMEGA16E5-M4N	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 16KB FLASH 32UQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5041 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-UQFN (4x4)	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-UQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	26
Moisture Sensitivity Level (MSL)	3 (168 Hours)	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-UQFN (4x4)
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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	Part#: ATXMEGA16E5-AUR Description: IC MCU 8BIT 16KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATXMEGA16D4-MNR Description: IC MCU 8BIT 16KB FLASH 44VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16E5-ANR Description: IC MCU 8BIT 16KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16D4-MHA2 Description: IC MCU 8BIT 16KB FLASH 44VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16E5-AN Description: IC MCU 8BIT 16KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA192A3-AU Description: IC MCU 8BIT 192KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16E5-MUR Description: IC MCU 8BIT 16KB FLASH 32VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA192A3-AUR Description: IC MCU 8BIT 192KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16E5-MU Description: IC MCU 8BIT 16KB FLASH 32VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16D4-MHR Description: IC MCU 8BIT 16KB FLASH 44VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	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
	Part#: ATXMEGA192A3-MH Description: IC MCU 8BIT 192KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16E5-M4NR Description: IC MCU 8BIT 16KB FLASH 32UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16E5-AU Description: IC MCU 8BIT 16KB FLASH 32TQFP	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-M4U Description: IC MCU 8BIT 16KB FLASH 32UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATXMEGA16E5-MNR Description: IC MCU 8BIT 16KB FLASH 32VQFN	Manufacturers: Micrel / Microchip Technology	RFQ

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