



Micrel / Microchip Technology

## ATXMEGA32E5-M4N

Part Number:	ATXMEGA32E5-M4N
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 8BIT 32KB FLASH 32UQFN
Datasheets:	<a href="#">1.ATXMEGA32E5-M4N.pdf</a> <a href="#">2.ATXMEGA32E5-M4N.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	5979 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of ATXMEGA32E5-M4N

PART NUMBER	ATXMEGA32E5-M4N
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 32KB FLASH 32UQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5979 pcs
DATA SHEET	<a href="#">1.ATXMEGA32E5-M4N.pdf</a> <a href="#">2.ATXMEGA32E5-M4N.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.6 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	32-UQFN (4x4)
SPEED	32MHz
SERIES	AVR® XMEGA® E5
RAM SIZE	4K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (16K x 16)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	32-UFQFN 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	1K x 8
DETAILED DESCRIPTION	AVR AVR® XMEGA® E5 Microcontroller IC 8/16-Bit 32MHz 32KB (16K x 16) FLASH 32-UQFN (4x4)
DATA CONVERTERS	A/D 16x12b, D/A 2x12b
CORE SIZE	8/16-Bit
CORE PROCESSOR	AVR
CONNECTIVITY	I <sup>2</sup> C, IrDA, SPI, UART/USART
BASE PART NUMBER	ATXMEGA32

### Related Tags

Micrel / Microchip Technology ATXMEGA32E5-M4N	ATXMEGA32E5-M4N Distributor	ATXMEGA32E5-M4N Supplier
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### Related Products

<p><b>ATXMEGA32E5-M4U</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 32UQFN                  In stock: 30618 pcs  <a href="#">RFQ</a></p>	<p><b>ATXMEGA32E5-MNR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 32VQFN                  In stock: 29213 pcs  <a href="#">RFQ</a></p>
<p><b>ATXMEGA32D4-MNR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 44QFN                  In stock: 3160 pcs  <a href="#">RFQ</a></p>	<p><b>ATXMEGA32E5-MN</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 32VQFN                  In stock: 40835 pcs  <a href="#">RFQ</a></p>
<p><b>ATXMEGA32E5-M4NR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 32UQFN                  In stock: 3683 pcs  <a href="#">RFQ</a></p>	<p><b>ATXMEGA32E5-ANR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 32TQFP                  In stock: 43000 pcs  <a href="#">RFQ</a></p>
<p><b>ATXMEGA32E5-M4UR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 32UQFN                  In stock: 38814 pcs  <a href="#">RFQ</a></p>	<p><b>ATXMEGA32E5-AUR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 32TQFP                  In stock: 41957 pcs  <a href="#">RFQ</a></p>
<p><b>ATXMEGA32E5-AN</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 32TQFP                  In stock: 32650 pcs  <a href="#">RFQ</a></p>	<p><b>ATXMEGA32E5-AU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 32TQFP                  In stock: 29988 pcs  <a href="#">RFQ</a></p>
<p><b>ATXMEGA32D4-MN</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 44QFN                  In stock: 5200 pcs  <a href="#">RFQ</a></p>	<p><b>ATXMEGA32E5-M4UR</b>                  Manufacturers: Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 32UQFN                  In stock: 48202 pcs  <a href="#">RFQ</a></p>