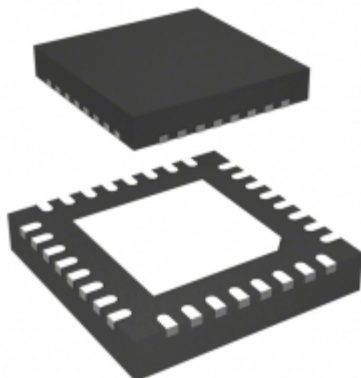


ATXMEGA8E5-M4NR



Images are for reference only.  
See Product Specifications for product details.  
**Buy ATXMEGA8E5-M4NR with confidence from Component-World.HK, 1 Year Warranty**



**Part Number:** [ATXMEGA8E5-M4NR](#)

**Manufacturer:** [Micrel / Microchip Technology](#)

**Description:** IC MCU 8BIT 8KB FLASH 32UQFN

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

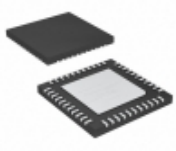
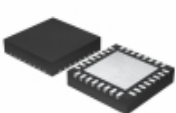
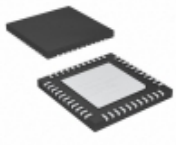
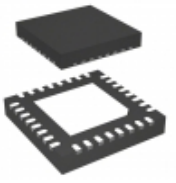
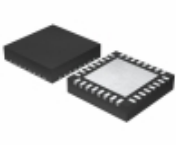
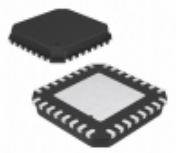
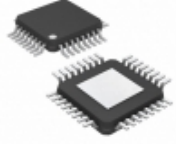
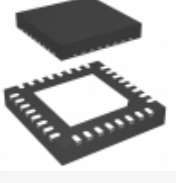
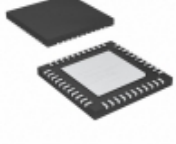
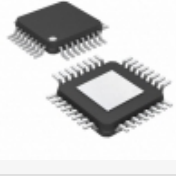
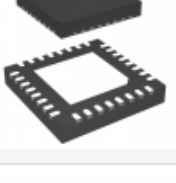
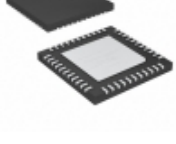
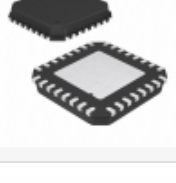
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                            |                                |                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ATXMEGA8E5-M4NR                            | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 8BIT 8KB FLASH 32UQFN               | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5992 pcs                                   | Data sheet                     | <a href="#">ATxmega32E5,16E5,8E5 Datasheet</a><br><a href="#">XMEGA E Manual</a>       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</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                       | 1K x 8                                                                                 |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FLASH                                      | Program Memory Size            | 8KB (4K x 16)                                                                          |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Brown-out Detect/Reset, DMA, POR, PWM, WDT | Packaging                      | Tape & Reel (TR)                                                                       |
| 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 8KB (4K 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ATXMEGA8                                   |                                |                                                                                        |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 5992 pieces of Micrel / Microchip Technology ATXMEGA8E5-M4NR in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                            |                                |                                                                                        |

| RELATED PRODUCTS                                                                   |                                                                                       |                                                              |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ATXMEGAB1-XPLD</a><br>Description: KIT EVAL FOR ATXMEGAB1          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA64D4-MN</a><br>Description: IC MCU 8BIT 64KB FLASH 44QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA8E5-MU</a><br>Description: IC MCU 8BIT 8KB FLASH 32QFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA64D4-CUR</a><br>Description: IC MCU 8BIT 64KB FLASH 49VFBGA | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA8E5-AUR</a><br>Description: IC MCU 8BIT 8KB FLASH 32TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA64D4-MH</a><br>Description: IC MCU 8BIT 64KB FLASH 44VQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA8E5-M4U</a><br>Description: IC MCU 8BIT 8KB FLASH 32UQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA8E5-MUR</a><br>Description: IC MCU 8BIT 8KB FLASH 32QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA8E5-MN</a><br>Description: IC MCU 8BIT 8KB FLASH 32VQFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGAC3-XPLD</a><br>Description: KIT EVAL FOR ATXMEGAC3          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA8E5-ANR</a><br>Description: IC MCU 8BIT 8KB FLASH 32TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA8E5-M4N</a><br>Description: IC MCU 8BIT 8KB FLASH 32UQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA64D4-MNR</a><br>Description: IC MCU 8BIT 64KB FLASH 44QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA8E5-AN</a><br>Description: IC MCU 8BIT 8KB FLASH 32TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA8E5-AU</a><br>Description: IC MCU 8BIT 8KB FLASH 32TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA8E5-M4UR</a><br>Description: IC MCU 8BIT 8KB FLASH 32UQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA64D4-MHR</a><br>Description: IC MCU 8BIT 64KB FLASH 44VQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA8E5-MNR</a><br>Description: IC MCU 8BIT 8KB FLASH 32VQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGAA1U-XPRO</a><br>Description: EVAL KIT FOR XMEGAA1U          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGAA3BU-XPLD</a><br>Description: KIT EVAL FOR ATXMEGA256A3BU   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

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