



Micrel / Microchip Technology

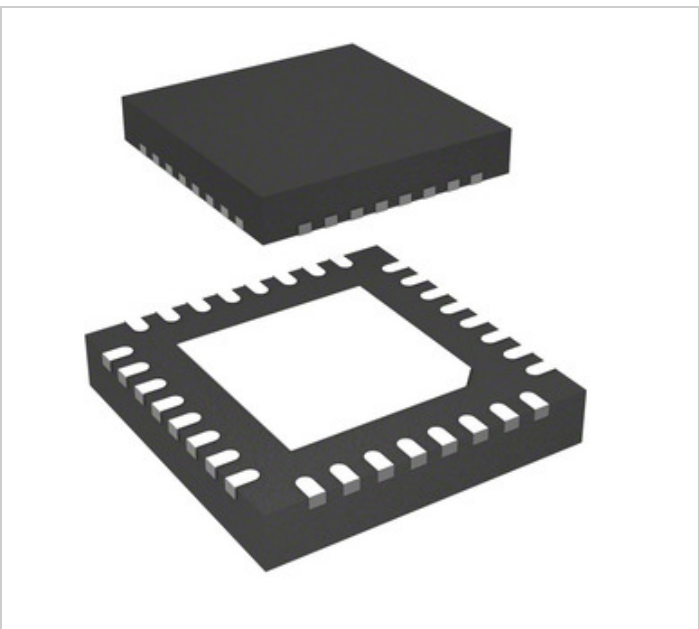


Image may be representation. See specifications for product details.

ATXMEGA32E5-M4NR

|                     |                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATXMEGA32E5-M4NR                                                                                                          |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                             |
| Product description | IC MCU 8BIT 32KB FLASH 32UQFN                                                                                             |
|                     | <div>PDF</div> 1.ATXMEGA32E5-M4NR.pdf <div>PDF</div> 2.ATXMEGA32E5-M4NR.pdf                                               |
| Datasheets:         | <div>  Lead free / RoHS Compliant </div> |
| RoHs Status         |                                                                                                                           |
| Ship From           | Hong Kong                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                     |

REQUEST FOR QUOTATION

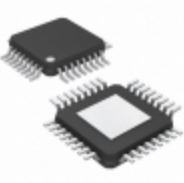
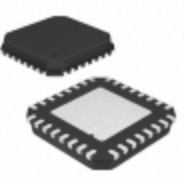
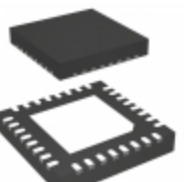
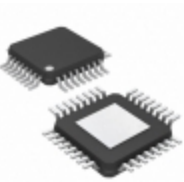
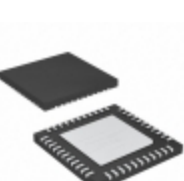
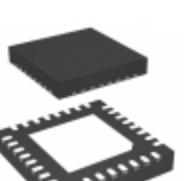
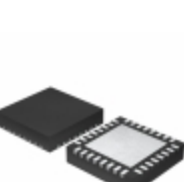
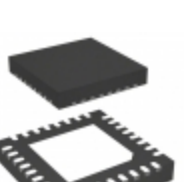
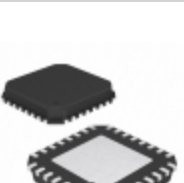
Specifications of ATXMEGA32E5-M4NR

|                                  |                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATXMEGA32E5-M4NR                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                            |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 32UQFN                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                               |
| DATA SHEET                       | <div>PDF</div> 1.ATXMEGA32E5-M4NR.pdf <div>PDF</div> 2.ATXMEGA32E5-M4NR.pdf              |
| 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                        | Tape & Reel (TR)                                                                         |
| 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                     | I²C, IrDA, SPI, UART/USART                                                               |
| BASE PART NUMBER                 | ATXMEGA32                                                                                |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATXMEGA32E5-M4NR | ATXMEGA32E5-M4NR Distributor           | ATXMEGA32E5-M4NR Supplier                               |
| ATXMEGA32E5-M4NR Price                         | ATXMEGA32E5-M4NR Pictures              | ATXMEGA32E5-M4NR Image                                  |
| ATXMEGA32E5-M4NR PDF Datasheet                 | ATXMEGA32E5-M4NR Download Datasheet    | ATXMEGA32E5-M4NR Datasheet                              |
| ATXMEGA32E5-M4NR Stock                         | Buy ATXMEGA32E5-M4NR                   | Buy Micrel / Microchip Technology ATXMEGA32E5-M4NR      |
| Micrel / Microchip Technology ATXMEGA32E5-M4NR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology ATXMEGA32E5-M4NR | Microchip Technology ATXMEGA32E5-M4NR  | Roving Networks / Microchip Technology ATXMEGA32E5-M4NR |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                    |
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|  <div> <b>ATXMEGA32E5-ANR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 32KB FLASH 32TQFP<br/> In stock: Out stock </div> <div>RFQ</div> |  <div> <b>ATXMEGA32E5-MN</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 32KB FLASH 32VQFN<br/> In stock: 490 pcs </div> <div>RFQ</div>     |
|  <div> <b>ATXMEGA32E5-M4U</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 32KB FLASH 32UQFN<br/> In stock: Out stock </div> <div>RFQ</div> |  <div> <b>ATXMEGA32E5-AN</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 32KB FLASH 32TQFP<br/> In stock: 498 pcs </div> <div>RFQ</div>     |
|  <div> <b>ATXMEGA32E5-AU</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 32KB FLASH 32TQFP<br/> In stock: Out stock </div> <div>RFQ</div>  |  <div> <b>ATXMEGA32E5-M4UR</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 8BIT 32KB FLASH 32UQFN<br/> In stock: 6 pcs </div> <div>RFQ</div>              |
|  <div> <b>ATXMEGA32D4-MNR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 32KB FLASH 44QFN<br/> In stock: Out stock </div> <div>RFQ</div>  |  <div> <b>ATXMEGA32E5-M4UR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 32KB FLASH 32UQFN<br/> In stock: Out stock </div> <div>RFQ</div> |
|  <div> <b>ATXMEGA32E5-MU</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 32KB FLASH 32QFN<br/> In stock: Out stock </div> <div>RFQ</div>   |  <div> <b>ATXMEGA32E5-M4N</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 32KB FLASH 32UQFN<br/> In stock: Out stock </div> <div>RFQ</div>  |
|  <div> <b>ATXMEGA32E5-MNR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 32KB FLASH 32VQFN<br/> In stock: Out stock </div> <div>RFQ</div> |  <div> <b>ATXMEGA32E5-AUR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 32KB FLASH 32TQFP<br/> In stock: Out stock </div> <div>RFQ</div>  |