

MICROCHIP

Micrel / Microchip Technology

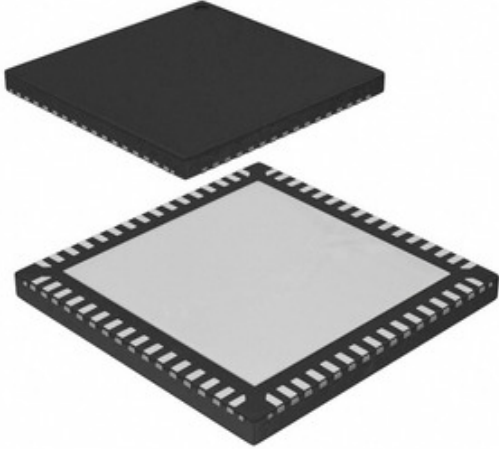


Image may be representation. See specifications for product details.

## ATXMEGA32C3-MNR

|                     |                                                                                                                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATXMEGA32C3-MNR                                                                                                                                                                                                    |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                      |
| Product description | IC MCU 8BIT 32KB FLASH 64QFN                                                                                                                                                                                       |
| Datasheets:         |  1.ATXMEGA32C3-MNR.pdf<br> 2.ATXMEGA32C3-MNR.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                       |
| Stock Condition     | 3891 pcs stock                                                                                                                                                                                                     |
| Ship From           | Hong Kong                                                                                                                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                              |

REQUEST FOR QUOTATION

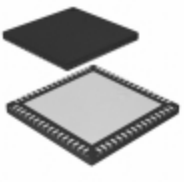
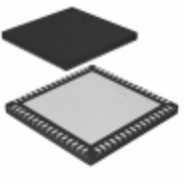
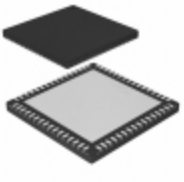
### Specifications of ATXMEGA32C3-MNR

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATXMEGA32C3-MNR                                                                                                                                                                                                        |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 64QFN                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 3891 pcs                                                                                                                                                                                                               |
| DATA SHEET                       |  1.ATXMEGA32C3-MNR.pdf<br> 2.ATXMEGA32C3-MNR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 3.6 V                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 64-VQFN (9x9)                                                                                                                                                                                                          |
| SPEED                            | 32MHz                                                                                                                                                                                                                  |
| SERIES                           | AVR® XMEGA® C3                                                                                                                                                                                                         |
| RAM SIZE                         | 4K x 8                                                                                                                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                  |
| PROGRAM MEMORY SIZE              | 32KB (16K x 16)                                                                                                                                                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                                                                                                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                                                                                                                     |
| NUMBER OF I/O                    | 50                                                                                                                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| EEPROM SIZE                      | 2K x 8                                                                                                                                                                                                                 |
| DETAILED DESCRIPTION             | AVR AVR® XMEGA® C3 Microcontroller IC 8/16-Bit 32MHz 32KB (16K x 16) FLASH 64-VQFN (9x9)                                                                                                                               |
| DATA CONVERTERS                  | A/D 16x12b                                                                                                                                                                                                             |
| CORE SIZE                        | 8/16-Bit                                                                                                                                                                                                               |
| CORE PROCESSOR                   | AVR                                                                                                                                                                                                                    |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART, USB                                                                                                                                                                                        |
| BASE PART NUMBER                 | ATXMEGA32                                                                                                                                                                                                              |

### Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology ATXMEGA32C3-MNR | ATXMEGA32C3-MNR Distributor            | ATXMEGA32C3-MNR Supplier                               |
| ATXMEGA32C3-MNR Price                         | ATXMEGA32C3-MNR Pictures               | ATXMEGA32C3-MNR Image                                  |
| ATXMEGA32C3-MNR PDF Datasheet                 | ATXMEGA32C3-MNR Download Datasheet     | ATXMEGA32C3-MNR Datasheet                              |
| ATXMEGA32C3-MNR Stock                         | Buy ATXMEGA32C3-MNR                    | Buy Micrel / Microchip Technology ATXMEGA32C3-MNR      |
| Micrel / Microchip Technology ATXMEGA32C3-MNR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATXMEGA32C3-MNR | Microchip Technology ATXMEGA32C3-MNR   | Roving Networks / Microchip Technology ATXMEGA32C3-MNR |

### Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>ATXMEGA32C4-ANR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 42707 pcs<br/>RFQ</div>           |  MICROCHIP <div><b>ATXMEGA32C3-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: 55886 pcs<br/>RFQ</div> |
|  MICROCHIP <div><b>ATXMEGA32C4-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 49VFBGA<br/>In stock: 39600 pcs<br/>RFQ</div> |  <div><b>ATXMEGA32C4-AN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 43068 pcs<br/>RFQ</div>            |
|  MICROCHIP <div><b>ATXMEGA32C3-MHR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: 25631 pcs<br/>RFQ</div>           |  MICROCHIP <div><b>ATXMEGA32C4-AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 38661 pcs<br/>RFQ</div>          |
|  <div><b>ATXMEGA32C3-MHR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: 48007 pcs<br/>RFQ</div>            |  <div><b>ATXMEGA32C3-MN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: 3716 pcs<br/>RFQ</div>              |
|  <div><b>ATXMEGA32C3-MH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64QFN<br/>In stock: 34277 pcs<br/>RFQ</div>             |  MICROCHIP <div><b>ATXMEGA32C3-AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 64TQFP<br/>In stock: 25717 pcs<br/>RFQ</div>          |
|  <div><b>ATXMEGA32C4-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 40142 pcs<br/>RFQ</div>           |  <div><b>ATXMEGA32C4-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 33890 pcs<br/>RFQ</div>            |