

 **Micrel / Microchip Technology**



ATXMEGA32D4-MNR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATXMEGA32D4-MNR                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 32KB FLASH 44QFN                                                                                 |
|                     |  1.ATXMEGA32D4-MNR.pdf      |
|                     |  2.ATXMEGA32D4-MNR.pdf      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3160 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

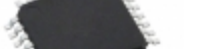
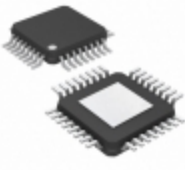
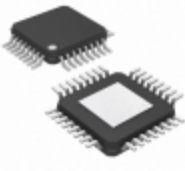
Specifications of ATXMEGA32D4-MNR

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATXMEGA32D4-MNR                                                                                                                                                                                                        |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 44QFN                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 3160 pcs                                                                                                                                                                                                               |
| DATA SHEET                       |  1.ATXMEGA32D4-MNR.pdf<br> 2.ATXMEGA32D4-MNR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 3.6 V                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 44-VQFN (7x7)                                                                                                                                                                                                          |
| SPEED                            | 32MHz                                                                                                                                                                                                                  |
| SERIES                           | AVR® XMEGA® D4                                                                                                                                                                                                         |
| 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                   | 44-VFQFN Exposed Pad                                                                                                                                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                                                                                                                     |
| NUMBER OF I/O                    | 34                                                                                                                                                                                                                     |
| 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® D4 Microcontroller IC 8/16-Bit 32MHz 32KB (16K x 16) FLASH 44-VQFN (7x7)                                                                                                                               |
| DATA CONVERTERS                  | A/D 12x12b                                                                                                                                                                                                             |
| CORE SIZE                        | 8/16-Bit                                                                                                                                                                                                               |
| CORE PROCESSOR                   | AVR                                                                                                                                                                                                                    |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART                                                                                                                                                                                             |
| BASE PART NUMBER                 | ATXMEGA32                                                                                                                                                                                                              |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology ATXMEGA32D4-MNR | ATXMEGA32D4-MNR Distributor            | ATXMEGA32D4-MNR Supplier                               |
| ATXMEGA32D4-MNR Price                         | ATXMEGA32D4-MNR Pictures               | ATXMEGA32D4-MNR Image                                  |
| ATXMEGA32D4-MNR PDF Datasheet                 | ATXMEGA32D4-MNR Download Datasheet     | ATXMEGA32D4-MNR Datasheet                              |
| ATXMEGA32D4-MNR Stock                         | Buy ATXMEGA32D4-MNR                    | Buy Micrel / Microchip Technology ATXMEGA32D4-MNR      |
| Micrel / Microchip Technology ATXMEGA32D4-MNR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATXMEGA32D4-MNR | Microchip Technology ATXMEGA32D4-MNR   | Roving Networks / Microchip Technology ATXMEGA32D4-MNR |

Related Products

|                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>ATXMEGA32D4-MN</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 32KB FLASH 44QFN<br>In stock: 5200 pcs<br><b>RFQ</b>    |  <b>ATXMEGA32E5-AUR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 32KB FLASH 32TQFP<br>In stock: 41957 pcs<br><b>RFQ</b>  |
|  <b>ATXMEGA32E5-AN</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 32KB FLASH 32TQFP<br>In stock: 32650 pcs<br><b>RFQ</b>  |  <b>ATXMEGA32D4-MHR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 32KB FLASH 44VQFN<br>In stock: 39478 pcs<br><b>RFQ</b>  |
|  <b>ATXMEGA32D4-MH</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 32KB FLASH 44VQFN<br>In stock: 37386 pcs<br><b>RFQ</b>  |  <b>ATXMEGA32E5-M4NR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 32KB FLASH 32UQFN<br>In stock: 3683 pcs<br><b>RFQ</b>  |
|  <b>ATXMEGA32D4-MHK</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 32KB FLASH 44QFN<br>In stock: 6425 pcs<br><b>RFQ</b>   |  <b>ATXMEGA32E5-AU</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 32KB FLASH 32TQFP<br>In stock: 29988 pcs<br><b>RFQ</b>   |
|  <b>ATXMEGA32E5-ANR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 32KB FLASH 32TQFP<br>In stock: 43000 pcs<br><b>RFQ</b> |  <b>ATXMEGA32D4-CUR</b><br>Manufacturers: Microchip Technology<br>Description: IC MCU 8BIT 32KB FLASH 49VFBGA<br>In stock: 36536 pcs<br><b>RFQ</b>          |
|  <b>ATXMEGA32E5-M4N</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 32KB FLASH 32UQFN<br>In stock: 5979 pcs<br><b>RFQ</b>  |  <b>ATXMEGA32D4-CUR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 32KB FLASH 49VFBGA<br>In stock: 61548 pcs<br><b>RFQ</b> |