



**Micrel / Microchip Technology**



**ATXMEGA16A4U-CNR**

|                     |                                                                                                                                                                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATXMEGA16A4U-CNR                                                                                                                                                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                               |
| Product description | IC MCU 8BIT 16KB FLASH 49VFBGA                                                                                                                                                                                                              |
|                     | <div>  1.ATXMEGA16A4U-CNR.pdf </div> <div>  2.ATXMEGA16A4U-CNR.pdf </div> |
| Datasheets:         |                                                                                                                                                                                                                                             |
| RoHs Status         | <div>  Lead free / RoHS Compliant </div>                                                                                                                   |
| Stock Condition     | 5611 pcs stock                                                                                                                                                                                                                              |
| Ship From           | Hong Kong                                                                                                                                                                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                       |

REQUEST FOR QUOTATION

Specifications of ATXMEGA16A4U-CNR

|                                  |                                                                                                                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATXMEGA16A4U-CNR                                                                                                                                                                                                                                |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 49VFBGA                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                      |
| QUANTITY AVAILABLE               | 5611 pcs                                                                                                                                                                                                                                        |
| DATA SHEET                       | <div>  1.ATXMEGA16A4U-CNR.pdf </div> <div>  2.ATXMEGA16A4U-CNR.pdf </div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 3.6 V                                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 49-VFBGA (5x5)                                                                                                                                                                                                                                  |
| SPEED                            | 32MHz                                                                                                                                                                                                                                           |
| SERIES                           | AVR® XMEGA® A4U                                                                                                                                                                                                                                 |
| RAM SIZE                         | 2K x 8                                                                                                                                                                                                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                           |
| PROGRAM MEMORY SIZE              | 16KB (8K x 16)                                                                                                                                                                                                                                  |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                                                                                                                                                      |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 49-VFBGA                                                                                                                                                                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                        |
| OPERATING TEMPERATURE            | 0°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® A4U Microcontroller IC 8/16-Bit 32MHz 16KB (8K x 16) FLASH 49-VFBGA (5x5)                                                                                                                                                       |
| DATA CONVERTERS                  | A/D 12x12b, D/A 2x12b                                                                                                                                                                                                                           |
| CORE SIZE                        | 8/16-Bit                                                                                                                                                                                                                                        |
| CORE PROCESSOR                   | AVR                                                                                                                                                                                                                                             |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART, USB                                                                                                                                                                                                                 |
| BASE PART NUMBER                 | ATXMEGA16                                                                                                                                                                                                                                       |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATXMEGA16A4U-CNR | ATXMEGA16A4U-CNR Distributor           | ATXMEGA16A4U-CNR Supplier                               |
| ATXMEGA16A4U-CNR Price                         | ATXMEGA16A4U-CNR Pictures              | ATXMEGA16A4U-CNR Image                                  |
| ATXMEGA16A4U-CNR PDF Datasheet                 | ATXMEGA16A4U-CNR Download Datasheet    | ATXMEGA16A4U-CNR Datasheet                              |
| ATXMEGA16A4U-CNR Stock                         | Buy ATXMEGA16A4U-CNR                   | Buy Micrel / Microchip Technology ATXMEGA16A4U-CNR      |
| Micrel / Microchip Technology ATXMEGA16A4U-CNR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology ATXMEGA16A4U-CNR | Microchip Technology ATXMEGA16A4U-CNR  | Roving Networks / Microchip Technology ATXMEGA16A4U-CNR |

Related Products

|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                             |
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|  <div> <b>ATXMEGA16A4U-CUR</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 49VFBGA<br/> In stock: 34061 pcs </div> <div> RFQ </div> |  <div> <b>ATXMEGA16A4U-CN</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 49VFBGA<br/> In stock: 3188 pcs </div> <div> RFQ </div> |
|  <div> <b>ATXMEGA16A4U-AU</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/> In stock: 32161 pcs </div> <div> RFQ </div>   |  <div> <b>ATXMEGA16A4U-MH</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/> In stock: 31875 pcs </div> <div> RFQ </div> |
|  <div> <b>ATXMEGA16A4U-CU</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 49VFBGA<br/> In stock: 37964 pcs </div> <div> RFQ </div>  |  <div> <b>ATXMEGA16A4U-AN</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/> In stock: 37029 pcs </div> <div> RFQ </div> |
|  <div> <b>ATXMEGA16A4-MHR</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/> In stock: 31341 pcs </div> <div> RFQ </div>   |  <div> <b>ATXMEGA16A4U-M7R</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/> In stock: 6737 pcs </div> <div> RFQ </div> |
|  <div> <b>ATXMEGA16A4U-ANR</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/> In stock: 26223 pcs </div> <div> RFQ </div>  |  <div> <b>ATXMEGA16A4U-CUR</b> </div> <div> Manufacturers: Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 49VFBGA<br/> In stock: 33289 pcs </div> <div> RFQ </div>        |
|  <div> <b>ATXMEGA16A4U-AUR</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/> In stock: 32152 pcs </div> <div> RFQ </div>  |  <div> <b>ATXMEGA16A4U-M7</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/> In stock: 5765 pcs </div> <div> RFQ </div>  |