



Micrel / Microchip Technology



ATXMEGA32A4U-CUR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATXMEGA32A4U-CUR                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 32KB FLASH 49VFBGA                                                                               |
| Datasheets:         |  ATXMEGA32A4U-CUR.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

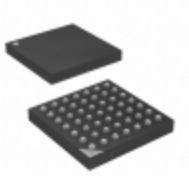
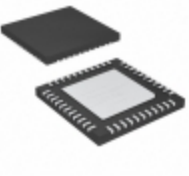
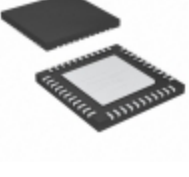
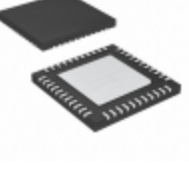
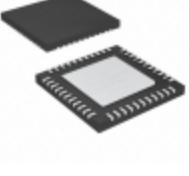
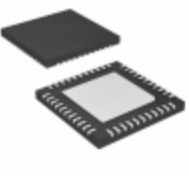
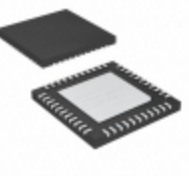
Specifications of ATXMEGA32A4U-CUR

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATXMEGA32A4U-CUR                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                            |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 49VFBGA                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| DATA SHEET                       |  ATXMEGA32A4U-CUR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 3.6 V                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 49-VFBGA (5x5)                                                                                           |
| SPEED                            | 32MHz                                                                                                    |
| SERIES                           | AVR® XMEGA® A4U                                                                                          |
| 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                   | 49-VFBGA                                                                                                 |
| OTHER NAMES                      | ATXMEGA32A4U-CUR-ND<br>ATXMEGA32A4U-CURTR                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                        |
| NUMBER OF I/O                    | 34                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                                                  |
| 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 32KB (16K 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                 | ATXMEGA32                                                                                                |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATXMEGA32A4U-CUR | ATXMEGA32A4U-CUR Distributor           | ATXMEGA32A4U-CUR Supplier                               |
| ATXMEGA32A4U-CUR Price                         | ATXMEGA32A4U-CUR Pictures              | ATXMEGA32A4U-CUR Image                                  |
| ATXMEGA32A4U-CUR PDF Datasheet                 | ATXMEGA32A4U-CUR Download Datasheet    | ATXMEGA32A4U-CUR Datasheet                              |
| ATXMEGA32A4U-CUR Stock                         | Buy ATXMEGA32A4U-CUR                   | Buy Micrel / Microchip Technology ATXMEGA32A4U-CUR      |
| Micrel / Microchip Technology ATXMEGA32A4U-CUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology ATXMEGA32A4U-CUR | Microchip Technology ATXMEGA32A4U-CUR  | Roving Networks / Microchip Technology ATXMEGA32A4U-CUR |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                    |
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|  <div><b>ATXMEGA32A4U-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>ATXMEGA32A4U-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 49VFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>ATXMEGA32A4U-MN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>ATXMEGA32A4U-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>ATXMEGA32A4U-MH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>ATXMEGA32A4U-M7R</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>ATXMEGA32A4U-ANR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>         |  <div><b>ATXMEGA32A4U-CNR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 49VFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>ATXMEGA32A4U-MNR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>ATXMEGA32A4U-CN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 49VFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>ATXMEGA32A4U-M7</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>ATXMEGA32A4U-MHR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44VQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |