



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATXMEGA16A4U-AN

|                     |                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATXMEGA16A4U-AN                                                                                                           |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                             |
| Product description | IC MCU 8BIT 16KB FLASH 44TQFP                                                                                             |
|                     | <div>PDF</div> 1.ATXMEGA16A4U-AN.pdf <div>PDF</div> 2.ATXMEGA16A4U-AN.pdf                                                 |
| Datasheets:         | <div>  Lead free / RoHS Compliant </div> |
| RoHs Status         | Lead free / RoHS Compliant                                                                                                |
| Ship From           | Hong Kong                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                     |

REQUEST FOR QUOTATION

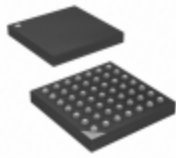
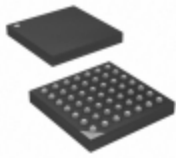
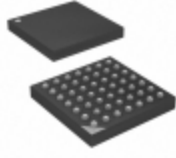
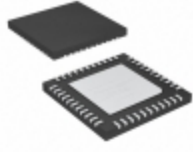
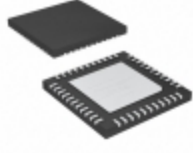
Specifications of ATXMEGA16A4U-AN

|                                  |                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATXMEGA16A4U-AN                                                                            |
| MANUFACTURER                     | Micrel / Microchip Technology                                                              |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 44TQFP                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                 |
| DATA SHEET                       | <div>PDF</div> 1.ATXMEGA16A4U-AN.pdf <div>PDF</div> 2.ATXMEGA16A4U-AN.pdf                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 3.6 V                                                                              |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                            |
| 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                        | Tray                                                                                       |
| PACKAGE / CASE                   | 44-TQFP                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                   |
| OPERATING TEMPERATURE            | 0°C ~ 105°C (TA)                                                                           |
| NUMBER OF I/O                    | 34                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                              |
| MANUFACTURER STANDARD LEAD TIME  | 4 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 16KB (8K x 16) FLASH 44-TQFP (10x10) |
| 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-AN | ATXMEGA16A4U-AN Distributor            | ATXMEGA16A4U-AN Supplier                               |
| ATXMEGA16A4U-AN Price                         | ATXMEGA16A4U-AN Pictures               | ATXMEGA16A4U-AN Image                                  |
| ATXMEGA16A4U-AN PDF Datasheet                 | ATXMEGA16A4U-AN Download Datasheet     | ATXMEGA16A4U-AN Datasheet                              |
| ATXMEGA16A4U-AN Stock                         | Buy ATXMEGA16A4U-AN                    | Buy Micrel / Microchip Technology ATXMEGA16A4U-AN      |
| Micrel / Microchip Technology ATXMEGA16A4U-AN | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATXMEGA16A4U-AN | Microchip Technology ATXMEGA16A4U-AN   | Roving Networks / Microchip Technology ATXMEGA16A4U-AN |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                               |
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|  <div> <b>ATXMEGA16A4-CUR</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 49VFBGA<br/> In stock: Out stock </div> <div> RFQ </div> |  <div> <b>ATXMEGA16A4-CU</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 49VFBGA<br/> In stock: Out stock </div> <div> RFQ </div>   |
|  <div> <b>ATXMEGA16A4-CUR</b> </div> <div> Manufacturers: Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 49VFBGA<br/> In stock: Out stock </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: Out stock </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: Out stock </div> <div> RFQ </div> |  <div> <b>ATXMEGA16A4U-CNR</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 49VFBGA<br/> In stock: Out stock </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: Out stock </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: Out stock </div> <div> RFQ </div>  |
|  <div> <b>ATXMEGA16A4-MH</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/> In stock: 966 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: Out stock </div> <div> RFQ </div>   |
|  <div> <b>ATXMEGA16A4-MHR</b> </div> <div> Manufacturers: Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/> In stock: Out stock </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: Out stock </div> <div> RFQ </div>  |