



Micrel / Microchip Technology

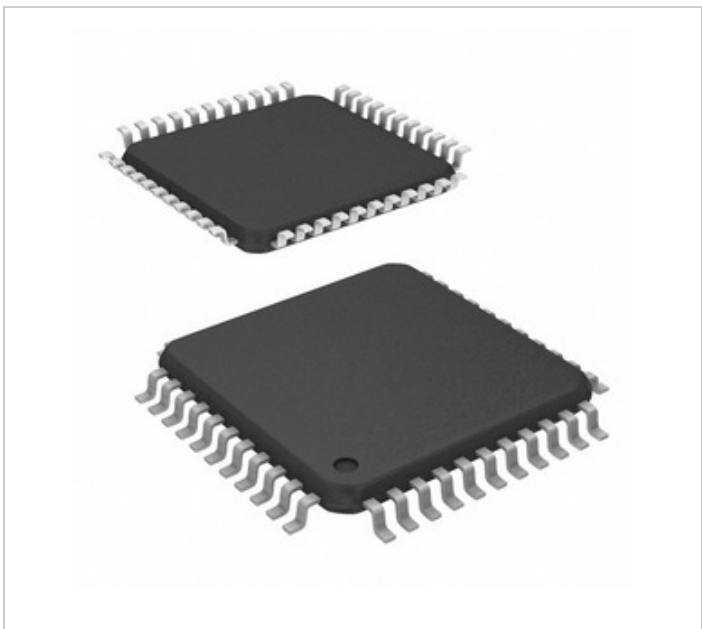


Image may be representation. See specifications for product details.

ATXMEGA16A4U-AU

|                     |                                                                                                                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATXMEGA16A4U-AU                                                                                                                                                                                                    |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                      |
| Product description | IC MCU 8BIT 16KB FLASH 44TQFP                                                                                                                                                                                      |
| Datasheets:         |  1.ATXMEGA16A4U-AU.pdf<br> 2.ATXMEGA16A4U-AU.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                       |
| Stock Condition     | 32161 pcs stock                                                                                                                                                                                                    |
| Ship From           | Hong Kong                                                                                                                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                              |

REQUEST FOR QUOTATION

Specifications of ATXMEGA16A4U-AU

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATXMEGA16A4U-AU                                                                                                                                                                                                        |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 44TQFP                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 32161 pcs                                                                                                                                                                                                              |
| DATA SHEET                       |  1.ATXMEGA16A4U-AU.pdf<br> 2.ATXMEGA16A4U-AU.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                                                                                                                                                                                                                |
| OTHER NAMES                      | ATXMEGA16A4U                                                                                                                                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°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 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-AU | ATXMEGA16A4U-AU Distributor            | ATXMEGA16A4U-AU Supplier                               |
| ATXMEGA16A4U-AU Price                         | ATXMEGA16A4U-AU Pictures               | ATXMEGA16A4U-AU Image                                  |
| ATXMEGA16A4U-AU PDF Datasheet                 | ATXMEGA16A4U-AU Download Datasheet     | ATXMEGA16A4U-AU Datasheet                              |
| ATXMEGA16A4U-AU Stock                         | Buy ATXMEGA16A4U-AU                    | Buy Micrel / Microchip Technology ATXMEGA16A4U-AU      |
| Micrel / Microchip Technology ATXMEGA16A4U-AU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATXMEGA16A4U-AU | Microchip Technology ATXMEGA16A4U-AU   | Roving Networks / Microchip Technology ATXMEGA16A4U-AU |

Related Products

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| <div></div> <div><b>ATXMEGA16A4-CUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 49VFBGA<br/>In stock: 30312 pcs<br/><div>RFQ</div></div>           | <div></div> <div><b>ATXMEGA16A4U-CUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 49VFBGA<br/>In stock: 33289 pcs<br/><div>RFQ</div></div>         |
| <div></div> <div><b>ATXMEGA16A4-MH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/>In stock: 29001 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>ATXMEGA16A4U-ANR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: 26223 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>ATXMEGA16A4U-CUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 49VFBGA<br/>In stock: 34061 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>ATXMEGA16A4-MHR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/>In stock: 33943 pcs<br/><div>RFQ</div></div>           |
| <div></div> <div><b>ATXMEGA16A4U-AN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: 37029 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>ATXMEGA16A4-MHR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/>In stock: 31341 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>ATXMEGA16A4U-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: 32152 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>ATXMEGA16A4U-CN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 49VFBGA<br/>In stock: 3188 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>ATXMEGA16A4U-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 49VFBGA<br/>In stock: 37964 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>ATXMEGA16A4U-CNR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 49VFBGA<br/>In stock: 5611 pcs<br/><div>RFQ</div></div> |