



**ATXMEGA128A4U-AU**

|                     |                                                                                                                             |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATXMEGA128A4U-AU                                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                               |
| Product description | IC MCU 8BIT 128KB FLASH 44TQFP                                                                                              |
| Datasheets:         | <div> <div>PDF</div> <div>1.ATXMEGA128A4U-AU.pdf</div> </div> <div> <div>PDF</div> <div>2.ATXMEGA128A4U-AU.pdf</div> </div> |
| RoHs Status         | <div> <div>RoHS</div> <div>Lead free / RoHS Compliant</div> </div>                                                          |
| Stock Condition     | 22140 pcs stock                                                                                                             |
| Ship From           | Hong Kong                                                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                       |

REQUEST FOR QUOTATION

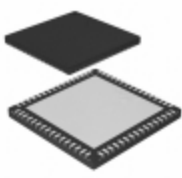
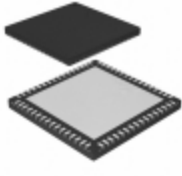
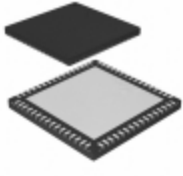
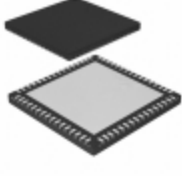
Specifications of ATXMEGA128A4U-AU

|                                  |                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATXMEGA128A4U-AU                                                                                                            |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                               |
| DESCRIPTION                      | IC MCU 8BIT 128KB FLASH 44TQFP                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                  |
| QUANTITY AVAILABLE               | 22140 pcs                                                                                                                   |
| DATA SHEET                       | <div> <div>PDF</div> <div>1.ATXMEGA128A4U-AU.pdf</div> </div> <div> <div>PDF</div> <div>2.ATXMEGA128A4U-AU.pdf</div> </div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 3.6 V                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                             |
| SPEED                            | 32MHz                                                                                                                       |
| SERIES                           | AVR® XMEGA® A4U                                                                                                             |
| RAM SIZE                         | 8K x 8                                                                                                                      |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                       |
| PROGRAM MEMORY SIZE              | 128KB (64K x 16)                                                                                                            |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                                  |
| PACKAGING                        | Tray                                                                                                                        |
| PACKAGE / CASE                   | 44-TQFP                                                                                                                     |
| OTHER NAMES                      | ATXMEGA128A4UAU                                                                                                             |
| 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                      | 2K x 8                                                                                                                      |
| DETAILED DESCRIPTION             | AVR AVR® XMEGA® A4U Microcontroller IC 8/16-Bit 32MHz 128KB (64K 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                 | ATXMEGA128                                                                                                                  |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATXMEGA128A4U-AU | ATXMEGA128A4U-AU Distributor           | ATXMEGA128A4U-AU Supplier                               |
| ATXMEGA128A4U-AU Price                         | ATXMEGA128A4U-AU Pictures              | ATXMEGA128A4U-AU Image                                  |
| ATXMEGA128A4U-AU PDF Datasheet                 | ATXMEGA128A4U-AU Download Datasheet    | ATXMEGA128A4U-AU Datasheet                              |
| ATXMEGA128A4U-AU Stock                         | Buy ATXMEGA128A4U-AU                   | Buy Micrel / Microchip Technology ATXMEGA128A4U-AU      |
| Micrel / Microchip Technology ATXMEGA128A4U-AU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology ATXMEGA128A4U-AU | Microchip Technology ATXMEGA128A4U-AU  | Roving Networks / Microchip Technology ATXMEGA128A4U-AU |

Related Products

|                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div> <b>ATXMEGA128A3U-MN</b><br/>           Manufacturers: Micrel / Microchip Technology<br/>           Description: IC MCU 8BIT 128KB FLASH 64QFN<br/>           In stock: 3438 pcs<br/> <div>RFQ</div> </div>    |  <div> <b>ATXMEGA128A4U-MN</b><br/>           Manufacturers: Micrel / Microchip Technology<br/>           Description: IC MCU 8BIT 128KB FLASH 44QFN<br/>           In stock: 5271 pcs<br/> <div>RFQ</div> </div>    |
|  <div> <b>ATXMEGA128A3U-MHR</b><br/>           Manufacturers: Micrel / Microchip Technology<br/>           Description: IC MCU 8BIT 128KB FLASH 64QFN<br/>           In stock: 19194 pcs<br/> <div>RFQ</div> </div>  |  <div> <b>ATXMEGA128A3U-MNR</b><br/>           Manufacturers: Micrel / Microchip Technology<br/>           Description: IC MCU 8BIT 128KB FLASH 64QFN<br/>           In stock: 4292 pcs<br/> <div>RFQ</div> </div>   |
|  <div> <b>ATXMEGA128A4U-AN</b><br/>           Manufacturers: Micrel / Microchip Technology<br/>           Description: IC MCU 8BIT 128KB FLASH 44TQFP<br/>           In stock: 20543 pcs<br/> <div>RFQ</div> </div>  |  <div> <b>ATXMEGA128A4U-MHR</b><br/>           Manufacturers: Micrel / Microchip Technology<br/>           Description: IC MCU 8BIT 128KB FLASH 44QFN<br/>           In stock: 20877 pcs<br/> <div>RFQ</div> </div>  |
|  <div> <b>ATXMEGA128A4U-AUR</b><br/>           Manufacturers: Micrel / Microchip Technology<br/>           Description: IC MCU 8BIT 128KB FLASH 44TQFP<br/>           In stock: 24260 pcs<br/> <div>RFQ</div> </div> |  <div> <b>ATXMEGA128A4U-CU</b><br/>           Manufacturers: Micrel / Microchip Technology<br/>           Description: IC MCU 8BIT 128KB FLASH 49VFBGA<br/>           In stock: 16604 pcs<br/> <div>RFQ</div> </div> |
|  <div> <b>ATXMEGA128A4U-MNR</b><br/>           Manufacturers: Micrel / Microchip Technology<br/>           Description: IC MCU 8BIT 128KB FLASH 44QFN<br/>           In stock: 5746 pcs<br/> <div>RFQ</div> </div>   |  <div> <b>ATXMEGA128A4U-ANR</b><br/>           Manufacturers: Micrel / Microchip Technology<br/>           Description: IC MCU 8BIT 128KB FLASH 44TQFP<br/>           In stock: 17873 pcs<br/> <div>RFQ</div> </div> |
|  <div> <b>ATXMEGA128A3U-MH</b><br/>           Manufacturers: Micrel / Microchip Technology<br/>           Description: IC MCU 8BIT 128KB FLASH 64QFN<br/>           In stock: 16947 pcs<br/> <div>RFQ</div> </div>   |  <div> <b>ATXMEGA128A4U-MH</b><br/>           Manufacturers: Micrel / Microchip Technology<br/>           Description: IC MCU 8BIT 128KB FLASH 44VQFN<br/>           In stock: 22804 pcs<br/> <div>RFQ</div> </div>  |