

ATXMEGA128A4U-MH



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Part Number: [ATXMEGA128A4U-MH](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 128KB FLASH 44VQFN

Data sheet:  [XMEGA AU Manual](#)  
 [ATXMEGAxxA4U Datasheet](#)

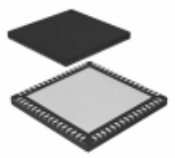
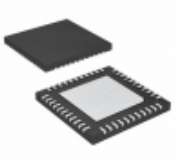
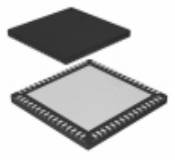
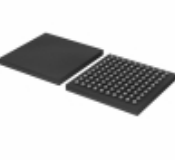
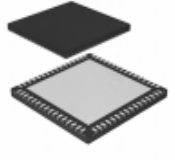
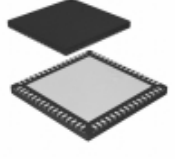
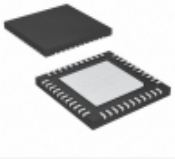
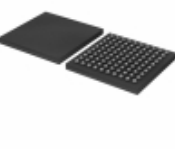
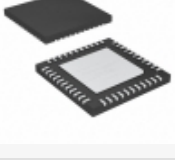
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                            |                                  |                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ATXMEGA128A4U-MH                           | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 8BIT 128KB FLASH 44VQFN             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 27533 pcs                                  | Data sheet                       | <a href="#">XMEGA AU Manual</a><br><a href="#">ATXMEGAxxA4U Datasheet</a>                  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>  | Voltage - Supply (Vcc/Vdd)       | 1.6 V ~ 3.6 V                                                                              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 44-VQFN (7x7)                              | 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-VFQFN Exposed Pad                       | Other Names                      | ATXMEGA128A4UMH                                                                            |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2K x 8                                     | Detailed Description             | AVR AVR® XMEGA® A4U Microcontroller IC 8/16-Bit 32MHz 128KB (64K x 16) FLASH 44-VQFN (7x7) |
| 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                                 |                                  |                                                                                            |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                              |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ATXMEGA128B1-ANR</a><br>Description: IC MCU 8BIT 128KB FLASH 100TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128A3U-MN</a><br>Description: IC MCU 8BIT 128KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128A4U-MN</a><br>Description: IC MCU 8BIT 128KB FLASH 44QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128A3U-MNR</a><br>Description: IC MCU 8BIT 128KB FLASH 64QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128B1-CUR</a><br>Description: IC MCU 8BIT 128KB FLASH 100CBGA | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128A4U-AN</a><br>Description: IC MCU 8BIT 128KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128A4U-W</a><br>Description: IC MCU 8BIT 128KB FLASH WAFER    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128A3U-MH</a><br>Description: IC MCU 8BIT 128KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128A3U-MHR</a><br>Description: IC MCU 8BIT 128KB FLASH 64QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128A4U-CU</a><br>Description: IC MCU 8BIT 128KB FLASH 49VFBGA | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128A4U-AUR</a><br>Description: IC MCU 8BIT 128KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128A4U-MHR</a><br>Description: IC MCU 8BIT 128KB FLASH 44QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128B1-AUR</a><br>Description: IC MCU 8BIT 128KB FLASH 100TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|------------------------------------------------|------------------------------------------------|---------------------------------------|------------------------------------------------------------|
| Related keywords for <b>ATXMEGA128A4U-MH</b>   |                                                |                                       |                                                            |
| Micrel / Microchip Technology ATXMEGA128A4U-MH | ATXMEGA128A4U-MH distributor                   | ATXMEGA128A4U-MH supplier             | ATXMEGA128A4U-MH price                                     |
|                                                | ATXMEGA128A4U-MH download datasheet            | ATXMEGA128A4U-MH datasheet            | ATXMEGA128A4U-MH stock                                     |
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