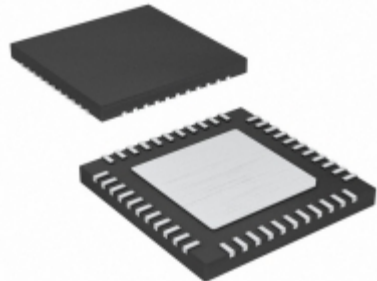


ATXMEGA128D4-MH



Images are for reference only.  
See Product Specifications for product details.  
**Buy ATXMEGA128D4-MH with confidence from Component-World.HK, 1 Year Warranty**



**Part Number:** [ATXMEGA128D4-MH](#)

**Manufacturer:** [Micrel / Microchip Technology](#)

**Description:** IC MCU 8BIT 128KB FLASH 44VQFN

**Data sheet:**  [ATXMEGA D Manual](#)  
 [ATXMEGAxxD4 Datasheet](#)

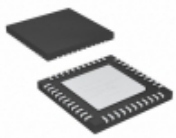
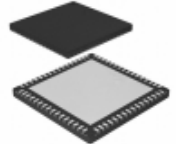
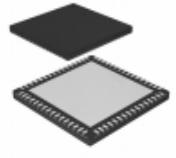
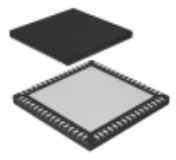
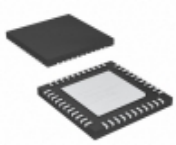
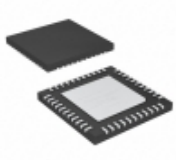
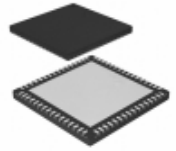
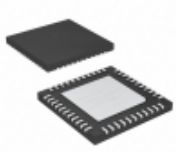
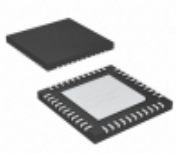
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                  |                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ATXMEGA128D4-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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 26326 pcs                                 | Data sheet                       | <a href="#">ATXMEGA D Manual</a><br><a href="#">ATXMEGAxxD4 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® D4                            | RAM Size                         | 8K x 8                                                                                    |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                     | Program Memory Size              | 128KB (64K x 16)                                                                          |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Brown-out Detect/Reset, POR, PWM, WDT     | Packaging                        | Tray                                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 44-VFQFN Exposed Pad                      | Other Names                      | ATXMEGA128D4-MH SL901<br>ATXMEGA128D4MH                                                   |
| 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® D4 Microcontroller IC 8/16-Bit 32MHz 128KB (64K x 16) FLASH 44-VQFN (7x7) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A/D 12x12b                                | Core Size                        | 8/16-Bit                                                                                  |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | AVR                                       | Connectivity                     | I²C, IrDA, SPI, UART/USART                                                                |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ATXMEGA128                                |                                  |                                                                                           |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 26326 pieces of Micrel / Microchip Technology ATXMEGA128D4-MH in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                                                                           |

| RELATED PRODUCTS                                                                   |                                                                                         |                                                              |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ATXMEGA128D4-MN</a><br>Description: IC MCU 8BIT 128KB FLASH 44VQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA16A4-AUR</a><br>Description: IC MCU 8BIT 16KB FLASH 44TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128D3-MNR</a><br>Description: IC MCU 8BIT 128KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA16A4-CUR</a><br>Description: IC MCU 8BIT 16KB FLASH 49VFBGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128D4-CUR</a><br>Description: IC MCU 8BIT 128KB FLASH 49VFBGA | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128D3-MHR</a><br>Description: IC MCU 8BIT 128KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128D4-AUR</a><br>Description: IC MCU 8BIT 128KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128D3-MH</a><br>Description: IC MCU 8BIT 128KB FLASH 64QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA16A4-AU</a><br>Description: IC MCU 8BIT 16KB FLASH 44TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128D4-AU</a><br>Description: IC MCU 8BIT 128KB FLASH 44TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128D4-MHR</a><br>Description: IC MCU 8BIT 128KB FLASH 44VQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA16A4-MHR</a><br>Description: IC MCU 8BIT 16KB FLASH 44VQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128D4-ANR</a><br>Description: IC MCU 8BIT 128KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128D4-CU</a><br>Description: IC MCU 8BIT 128KB FLASH 49VFBGA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128D3-MN</a><br>Description: IC MCU 8BIT 128KB FLASH 64QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128D4-AN</a><br>Description: IC MCU 8BIT 128KB FLASH 44TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA16A4-MH</a><br>Description: IC MCU 8BIT 16KB FLASH 44VQFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128D4-MNR</a><br>Description: IC MCU 8BIT 128KB FLASH 44VQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA16A4-CU</a><br>Description: IC MCU 8BIT 16KB FLASH 49VFBGA    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA16A4U-AN</a><br>Description: IC MCU 8BIT 16KB FLASH 44TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

|                                               |                                      |                                        |                       |
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|                                               |                                      | ATXMEGA128D4-MH                        |                       |