



**Micrel / Microchip Technology**



**ATXMEGA16C4-MH**

|                     |                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATXMEGA16C4-MH                                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                             |
| Product description | IC MCU 8BIT 16KB FLASH 44VQFN                                                                                             |
|                     | <div>PDF</div> <div>1.ATXMEGA16C4-MH.pdf</div> <div>PDF</div> <div>2.ATXMEGA16C4-MH.pdf</div>                             |
| Datasheets:         | <div>  Lead free / RoHS Compliant </div> |
| RoHs Status         | 41141 pcs stock                                                                                                           |
| Stock Condition     | Hong Kong                                                                                                                 |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                                     |
| Shipment Way        |                                                                                                                           |

REQUEST FOR QUOTATION

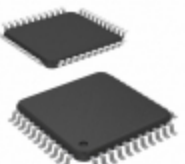
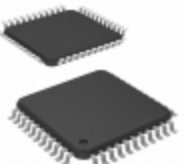
Specifications of ATXMEGA16C4-MH

|                                  |                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATXMEGA16C4-MH                                                                                |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                 |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 44VQFN                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                    |
| QUANTITY AVAILABLE               | 41141 pcs                                                                                     |
| DATA SHEET                       | <div>PDF</div> <div>1.ATXMEGA16C4-MH.pdf</div> <div>PDF</div> <div>2.ATXMEGA16C4-MH.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 3.6 V                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 44-VQFN (7x7)                                                                                 |
| SPEED                            | 32MHz                                                                                         |
| SERIES                           | AVR® XMEGA® C4                                                                                |
| RAM SIZE                         | 2K x 8                                                                                        |
| PROGRAM MEMORY TYPE              | FLASH                                                                                         |
| PROGRAM MEMORY SIZE              | 16KB (8K x 16)                                                                                |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                         |
| PACKAGING                        | Tray                                                                                          |
| PACKAGE / CASE                   | 44-VFQFN Exposed Pad                                                                          |
| 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® C4 Microcontroller IC 8/16-Bit 32MHz 16KB (8K x 16) FLASH 44-VQFN (7x7)       |
| DATA CONVERTERS                  | A/D 16x12b                                                                                    |
| CORE SIZE                        | 8/16-Bit                                                                                      |
| CORE PROCESSOR                   | AVR                                                                                           |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART, USB                                                               |
| BASE PART NUMBER                 | ATXMEGA16                                                                                     |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology ATXMEGA16C4-MH | ATXMEGA16C4-MH Distributor             | ATXMEGA16C4-MH Supplier                               |
| ATXMEGA16C4-MH Price                         | ATXMEGA16C4-MH Pictures                | ATXMEGA16C4-MH Image                                  |
| ATXMEGA16C4-MH PDF Datasheet                 | ATXMEGA16C4-MH Download Datasheet      | ATXMEGA16C4-MH Datasheet                              |
| ATXMEGA16C4-MH Stock                         | Buy ATXMEGA16C4-MH                     | Buy Micrel / Microchip Technology ATXMEGA16C4-MH      |
| Micrel / Microchip Technology ATXMEGA16C4-MH | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology ATXMEGA16C4-MH | Microchip Technology ATXMEGA16C4-MH    | Roving Networks / Microchip Technology ATXMEGA16C4-MH |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                           |
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|  <div> <b>ATXMEGA16C4-CUR</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 49VFBGA<br/> In stock: 66490 pcs </div> <div>RFQ</div> |  <div> <b>ATXMEGA16C4-AUR</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/> In stock: 35502 pcs </div> <div>RFQ</div> |
|  <div> <b>ATXMEGA16D4-ANR</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/> In stock: 34720 pcs </div> <div>RFQ</div>  |  <div> <b>ATXMEGA16C4-MHR</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/> In stock: 67702 pcs </div> <div>RFQ</div> |
|  <div> <b>ATXMEGA16C4-AU</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/> In stock: 38129 pcs </div> <div>RFQ</div>   |  <div> <b>ATXMEGA16C4-AUR</b> </div> <div> Manufacturers: Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/> In stock: 42088 pcs </div> <div>RFQ</div>          |
|  <div> <b>ATXMEGA16C4-MHR</b> </div> <div> Manufacturers: Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/> In stock: 38329 pcs </div> <div>RFQ</div>           |  <div> <b>ATXMEGA16C4-MNR</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/> In stock: 6608 pcs </div> <div>RFQ</div>  |
|  <div> <b>ATXMEGA16C4-CU</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 49VFBGA<br/> In stock: 38668 pcs </div> <div>RFQ</div>  |  <div> <b>ATXMEGA16C4-MN</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/> In stock: 5614 pcs </div> <div>RFQ</div>   |
|  <div> <b>ATXMEGA16C4-CUR</b> </div> <div> Manufacturers: Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 49VFBGA<br/> In stock: 31603 pcs </div> <div>RFQ</div>          |  <div> <b>ATXMEGA16D4-AN</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/> In stock: 38331 pcs </div> <div>RFQ</div>  |