



ATXMEGA128A3U-MHR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATXMEGA128A3U-MHR                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 128KB FLASH 64QFN                                                                                |
|                     |  1.ATXMEGA128A3U-MHR.pdf    |
|                     |  2.ATXMEGA128A3U-MHR.pdf    |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 19194 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

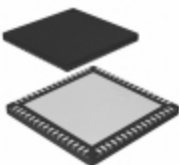
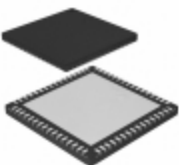
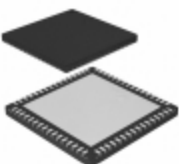
Specifications of ATXMEGA128A3U-MHR

|                                  |                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATXMEGA128A3U-MHR                                                                                                                                                                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                              |
| DESCRIPTION                      | IC MCU 8BIT 128KB FLASH 64QFN                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 19194 pcs                                                                                                                                                                                                                  |
| DATA SHEET                       |  1.ATXMEGA128A3U-MHR.pdf<br> 2.ATXMEGA128A3U-MHR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 3.6 V                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (9x9)                                                                                                                                                                                                               |
| SPEED                            | 32MHz                                                                                                                                                                                                                      |
| SERIES                           | AVR® XMEGA® A3U                                                                                                                                                                                                            |
| 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                        | Tape & Reel (TR)                                                                                                                                                                                                           |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                                                                                                                                                                       |
| OTHER NAMES                      | ATXMEGA128A3U-MHRTR<br>ATXMEGA128A3UMHR                                                                                                                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                          |
| NUMBER OF I/O                    | 50                                                                                                                                                                                                                         |
| 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® A3U Microcontroller IC 8/16-Bit 32MHz 128KB (64K x 16) FLASH 64-QFN (9x9)                                                                                                                                  |
| DATA CONVERTERS                  | A/D 16x12b; 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 ATXMEGA128A3U-MHR | ATXMEGA128A3U-MHR Distributor          | ATXMEGA128A3U-MHR Supplier                               |
| ATXMEGA128A3U-MHR Price                         | ATXMEGA128A3U-MHR Pictures             | ATXMEGA128A3U-MHR Image                                  |
| ATXMEGA128A3U-MHR PDF Datasheet                 | ATXMEGA128A3U-MHR Download Datasheet   | ATXMEGA128A3U-MHR Datasheet                              |
| ATXMEGA128A3U-MHR Stock                         | Buy ATXMEGA128A3U-MHR                  | Buy Micrel / Microchip Technology ATXMEGA128A3U-MHR      |
| Micrel / Microchip Technology ATXMEGA128A3U-MHR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology ATXMEGA128A3U-MHR | Microchip Technology ATXMEGA128A3U-MHR | Roving Networks / Microchip Technology ATXMEGA128A3U-MHR |

Related Products

|                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                    |
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| <div>MICROCHIP</div> <div>ATXMEGA128A3U-AUR</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 15028 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div>ATXMEGA128A3U-AUR</div> <div>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 13936 pcs</div> <div>RFQ</div>         |
| <div></div> <div>ATXMEGA128A3U-MNR</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 64QFN<br/>In stock: 4292 pcs</div> <div>RFQ</div>            | <div></div> <div>ATXMEGA128A3U-MN</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 64QFN<br/>In stock: 3438 pcs</div> <div>RFQ</div>            |
| <div>MICROCHIP</div> <div>ATXMEGA128A3U-AU</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 12319 pcs</div> <div>RFQ</div>  | <div></div> <div>ATXMEGA128A4U-AUR</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 44TQFP<br/>In stock: 24260 pcs</div> <div>RFQ</div>         |
| <div></div> <div>ATXMEGA128A4U-ANR</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 44TQFP<br/>In stock: 17873 pcs</div> <div>RFQ</div>          | <div></div> <div>ATXMEGA128A4U-AU</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 44TQFP<br/>In stock: 22140 pcs</div> <div>RFQ</div>          |
| <div>MICROCHIP</div> <div>ATXMEGA128A3U-AN</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 14997 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div>ATXMEGA128A3U-ANR</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 6986 pcs</div> <div>RFQ</div> |
| <div></div> <div>ATXMEGA128A4U-AN</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 44TQFP<br/>In stock: 20543 pcs</div> <div>RFQ</div>           | <div></div> <div>ATXMEGA128A3U-MH</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 64QFN<br/>In stock: 16947 pcs</div> <div>RFQ</div>           |