



Micrel / Microchip Technology



ATXMEGA128A1U-CN

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATXMEGA128A1U-CN                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 128KB FLASH 100CBGA                                                                              |
| Datasheets:         |  1.ATXMEGA128A1U-CN.pdf     |
|                     |  2.ATXMEGA128A1U-CN.pdf     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 12574 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

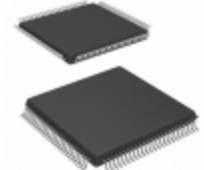
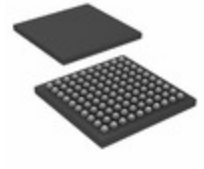
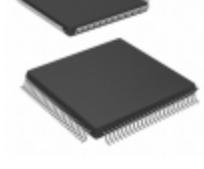
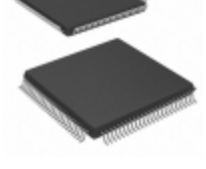
Specifications of ATXMEGA128A1U-CN

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATXMEGA128A1U-CN                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                              |
| DESCRIPTION                      | IC MCU 8BIT 128KB FLASH 100CBGA                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| QUANTITY AVAILABLE               | 12574 pcs                                                                                                  |
| DATA SHEET                       |  1.ATXMEGA128A1U-CN.pdf |
|                                  |  2.ATXMEGA128A1U-CN.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 3.6 V                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 100-CBGA (9x9)                                                                                             |
| SPEED                            | 32MHz                                                                                                      |
| SERIES                           | AVR® XMEGA® A1U                                                                                            |
| 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                   | 100-TFBGA                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                         |
| NUMBER OF I/O                    | 78                                                                                                         |
| 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® A1U Microcontroller IC 8/16-Bit 32MHz 128KB (64K x 16) FLASH 100-CBGA (9x9)                |
| DATA CONVERTERS                  | A/D 16x12b, D/A 4x12b                                                                                      |
| CORE SIZE                        | 8/16-Bit                                                                                                   |
| CORE PROCESSOR                   | AVR                                                                                                        |
| CONNECTIVITY                     | EBI/EMI, I²C, IrDA, SPI, UART/USART, USB                                                                   |
| BASE PART NUMBER                 | ATXMEGA128                                                                                                 |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATXMEGA128A1U-CN | ATXMEGA128A1U-CN Distributor           | ATXMEGA128A1U-CN Supplier                               |
| ATXMEGA128A1U-CN Price                         | ATXMEGA128A1U-CN Pictures              | ATXMEGA128A1U-CN Image                                  |
| ATXMEGA128A1U-CN PDF Datasheet                 | ATXMEGA128A1U-CN Download Datasheet    | ATXMEGA128A1U-CN Datasheet                              |
| ATXMEGA128A1U-CN Stock                         | Buy ATXMEGA128A1U-CN                   | Buy Micrel / Microchip Technology ATXMEGA128A1U-CN      |
| Micrel / Microchip Technology ATXMEGA128A1U-CN | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology ATXMEGA128A1U-CN | Microchip Technology ATXMEGA128A1U-CN  | Roving Networks / Microchip Technology ATXMEGA128A1U-CN |

Related Products

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| <div></div> <div><b>ATXMEGA128A1U-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 100CBGA<br/>In stock: 12480 pcs</div> <div>RFQ</div>    | <div></div> <div><b>ATXMEGA128A1U-CNR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 100CBGA<br/>In stock: 10417 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>ATXMEGA128A1U-ANR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 100TQFP<br/>In stock: 14536 pcs</div> <div>RFQ</div>   | <div></div> <div><b>ATXMEGA128A1U-CUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 100CBGA<br/>In stock: 12799 pcs</div> <div>RFQ</div>          |
| <div></div> <div><b>ATXMEGA128A1U-C7UR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 100VFBGA<br/>In stock: 14203 pcs</div> <div>RFQ</div> | <div></div> <div><b>ATXMEGA128A1U-CUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 100CBGA<br/>In stock: 13112 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>ATXMEGA128A1U-C7U</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 100VFBGA<br/>In stock: 14203 pcs</div> <div>RFQ</div>  | <div></div> <div><b>ATXMEGA128A3-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 12822 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>ATXMEGA128A1U-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 100TQFP<br/>In stock: 14305 pcs</div> <div>RFQ</div>    | <div></div> <div><b>ATXMEGA128A3-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 10916 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>ATXMEGA128A1U-AN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 100TQFP<br/>In stock: 17362 pcs</div> <div>RFQ</div>    | <div></div> <div><b>ATXMEGA128A1U-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 100TQFP<br/>In stock: 15408 pcs</div> <div>RFQ</div> |