

ATXMEGA128B3-ANR



Part Number:

ATXMEGA128B3-ANR

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 8BIT 128KB FLASH 100TQFP

Data sheet:

 XMEGA B Manual

 ATXMEGA128B3, 64B3

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

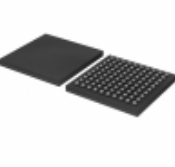
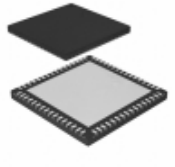
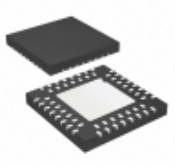
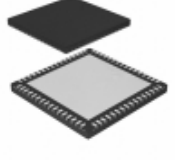
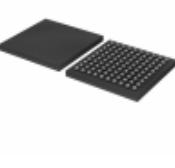
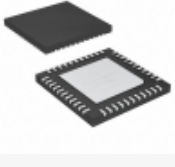
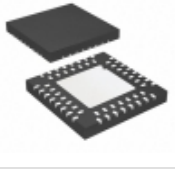
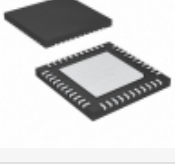
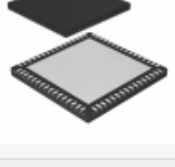
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                 |                                  |                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ATXMEGA128B3-ANR                                | Manufacturer                     | Micrel / Microchip Technology                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 8BIT 128KB FLASH 100TQFP                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 19632 pcs                                       | Data sheet                       | <a href="#">XMEGA B Manual</a><br><a href="#">ATXMEGA128B3, 64B3</a>                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>       | Voltage - Supply (Vcc/Vdd)       | 1.6 V ~ 3.6 V                                                                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 100-TQFP (14x14)                                | Speed                            | 32MHz                                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | AVR® XMEGA® B3                                  | RAM Size                         | 8K x 8                                                                                       |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FLASH                                           | Program Memory Size              | 128KB (128K x 8)                                                                             |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT | Packaging                        | Tape & Reel (TR)                                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 100-TQFP                                        | Other Names                      | ATXMEGA128B3-ANR-ND<br>ATXMEGA128B3-ANRTR                                                    |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Internal                                        | Operating Temperature            | -40°C ~ 105°C (TA)                                                                           |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 36                                              | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4 Weeks                                         | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                   |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2K x 8                                          | Detailed Description             | AVR AVR® XMEGA® B3 Microcontroller IC 8/16-Bit 32MHz 128KB (128K x 8) FLASH 100-TQFP (14x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A/D 8x12b                                       | Core Size                        | 8/16-Bit                                                                                     |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | AVR                                             | Connectivity                     | PC, 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> |
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|  | Part#: <a href="#">ATXMEGA128B1-CU</a><br>Description: IC MCU 8BIT 128KB FLASH 100CBGA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128B3-MN</a><br>Description: IC MCU 8BIT 128KB FLASH 64QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128B3-MUR</a><br>Description: IC MCU 8BIT 128KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128B3-MCU</a><br>Description: IC MCU 8BIT 128KB FLASH 64VQFN  | 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="#">ATXMEGA128B3-MNR</a><br>Description: IC MCU 8BIT 128KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128B1-AN</a><br>Description: IC MCU 8BIT 128KB FLASH 100TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128B3-MHR</a><br>Description: IC MCU 8BIT 128KB FLASH 64QFN   | 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> |
|  | 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-MN</a><br>Description: IC MCU 8BIT 128KB FLASH 44QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128B3-MCUR</a><br>Description: IC MCU 8BIT 128KB FLASH 64VQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128B3-AUR</a><br>Description: IC MCU 8BIT 128KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128C3-AN</a><br>Description: IC MCU 8BIT 128KB FLASH 64TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATXMEGA128A4U-MNR</a><br>Description: IC MCU 8BIT 128KB FLASH 44QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ATXMEGA128B3-MH</a><br>Description: IC MCU 8BIT 128KB FLASH 64QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

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