



Micrel / Microchip Technology



ATXMEGA256A3BU-AUR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATXMEGA256A3BU-AUR                                                                                           |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 256KB FLASH 64TQFP                                                                               |
| Datasheets:         |  ATXMEGA256A3BU-AUR.pdf     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 16798 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

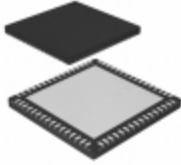
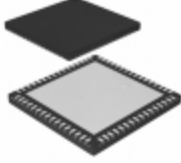
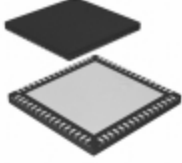
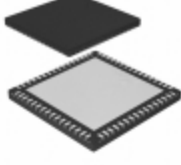
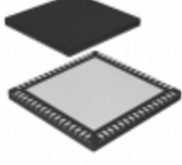
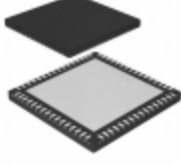
Specifications of ATXMEGA256A3BU-AUR

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATXMEGA256A3BU-AUR                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                              |
| DESCRIPTION                      | IC MCU 8BIT 256KB FLASH 64TQFP                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| QUANTITY AVAILABLE               | 16798 pcs                                                                                                  |
| DATA SHEET                       |  ATXMEGA256A3BU-AUR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 3.6 V                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (14x14)                                                                                            |
| SPEED                            | 32MHz                                                                                                      |
| SERIES                           | AVR® XMEGA® A3BU                                                                                           |
| RAM SIZE                         | 16K x 8                                                                                                    |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                      |
| PROGRAM MEMORY SIZE              | 256KB (128K x 16)                                                                                          |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                 |
| PACKAGING                        | Tape & Reel (TR)                                                                                           |
| PACKAGE / CASE                   | 64-TQFP                                                                                                    |
| OTHER NAMES                      | ATXMEGA256A3BU-AUR-ND<br>ATXMEGA256A3BU-AURTR                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                          |
| NUMBER OF I/O                    | 47                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| EEPROM SIZE                      | 4K x 8                                                                                                     |
| DETAILED DESCRIPTION             | AVR AVR® XMEGA® A3BU Microcontroller IC 8/16-Bit 32MHz 256KB (128K x 16) FLASH 64-TQFP (14x14)             |
| 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                 | ATXMEGA256                                                                                                 |

Related Tags

|                                                  |                                         |                                                           |
|--------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|
| Micrel / Microchip Technology ATXMEGA256A3BU-AUR | ATXMEGA256A3BU-AUR Distributor          | ATXMEGA256A3BU-AUR Supplier                               |
| ATXMEGA256A3BU-AUR Price                         | ATXMEGA256A3BU-AUR Pictures             | ATXMEGA256A3BU-AUR Image                                  |
| ATXMEGA256A3BU-AUR PDF Datasheet                 | ATXMEGA256A3BU-AUR Download Datasheet   | ATXMEGA256A3BU-AUR Datasheet                              |
| ATXMEGA256A3BU-AUR Stock                         | Buy ATXMEGA256A3BU-AUR                  | Buy Micrel / Microchip Technology ATXMEGA256A3BU-AUR      |
| Micrel / Microchip Technology ATXMEGA256A3BU-AUR | Micrel / Microchip Technology Supplier  | Micrel / Microchip Technology Distributor                 |
| Micrel / Microchip Technology ATXMEGA256A3BU-AUR | Microchip Technology ATXMEGA256A3BU-AUR | Roving Networks / Microchip Technology ATXMEGA256A3BU-AUR |

Related Products

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|  <div><b>ATXMEGA256A3BU-MN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64QFN<br/>In stock: 3601 pcs<br/><div>RFQ</div></div>   |  <div><b>ATXMEGA256A3U-AN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br/>In stock: 15033 pcs<br/><div>RFQ</div></div>  |
|  <div><b>ATXMEGA256A3BU-MNR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64QFN<br/>In stock: 2853 pcs<br/><div>RFQ</div></div>  |  <div><b>ATXMEGA256A3B-MHR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64QFN<br/>In stock: 11912 pcs<br/><div>RFQ</div></div>  |
|  <div><b>ATXMEGA256A3BU-MHR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64QFN<br/>In stock: 13458 pcs<br/><div>RFQ</div></div>          |  <div><b>ATXMEGA256A3BU-AN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br/>In stock: 4398 pcs<br/><div>RFQ</div></div>  |
|  <div><b>ATXMEGA256A3B-MH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64QFN<br/>In stock: 9865 pcs<br/><div>RFQ</div></div>    |  <div><b>ATXMEGA256A3BU-MH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64QFN<br/>In stock: 12507 pcs<br/><div>RFQ</div></div>  |
|  <div><b>ATXMEGA256A3B-MHR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64QFN<br/>In stock: 10569 pcs<br/><div>RFQ</div></div>           |  <div><b>ATXMEGA256A3BU-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br/>In stock: 15206 pcs<br/><div>RFQ</div></div> |
|  <div><b>ATXMEGA256A3BU-MHR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64QFN<br/>In stock: 18339 pcs<br/><div>RFQ</div></div> |  <div><b>ATXMEGA256A3BU-ANR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br/>In stock: 2848 pcs<br/><div>RFQ</div></div> |