



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATXMEGA64B1-AUR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATXMEGA64B1-AUR                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 64KB FLASH 100TQFP                                                                               |
|                     | <a href="#">PDF</a> 1.ATXMEGA64B1-AUR.pdf                                                                    |
|                     | <a href="#">PDF</a> 2.ATXMEGA64B1-AUR.pdf                                                                    |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         |                                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

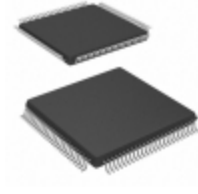
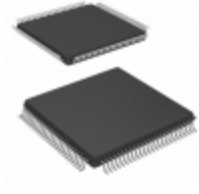
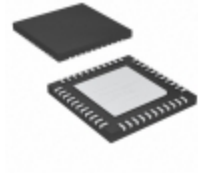
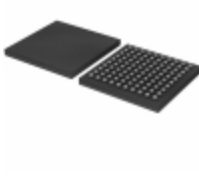
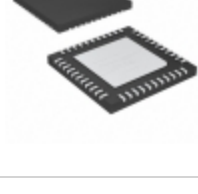
Specifications of ATXMEGA64B1-AUR

|                                  |                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATXMEGA64B1-AUR                                                                             |
| MANUFACTURER                     | Micrel / Microchip Technology                                                               |
| DESCRIPTION                      | IC MCU 8BIT 64KB FLASH 100TQFP                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                  |
| DATA SHEET                       | <a href="#">PDF</a> 1.ATXMEGA64B1-AUR.pdf<br><a href="#">PDF</a> 2.ATXMEGA64B1-AUR.pdf      |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 3.6 V                                                                               |
| SUPPLIER DEVICE PACKAGE          | 100-TQFP (14x14)                                                                            |
| SPEED                            | 32MHz                                                                                       |
| SERIES                           | AVR® XMEGA® B1                                                                              |
| RAM SIZE                         | 8K x 8                                                                                      |
| PROGRAM MEMORY TYPE              | FLASH                                                                                       |
| PROGRAM MEMORY SIZE              | 64KB (32K x 16)                                                                             |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT                                             |
| PACKAGING                        | Original-Reel®                                                                              |
| PACKAGE / CASE                   | 100-TQFP                                                                                    |
| OTHER NAMES                      | ATXMEGA64B1-AURDKR                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                           |
| NUMBER OF I/O                    | 53                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                               |
| MANUFACTURER STANDARD LEAD TIME  | 14 Weeks                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                  |
| EEPROM SIZE                      | 2K x 8                                                                                      |
| DETAILED DESCRIPTION             | AVR AVR® XMEGA® B1 Microcontroller IC 8/16-Bit 32MHz 64KB (32K x 16) FLASH 100-TQFP (14x14) |
| DATA CONVERTERS                  | A/D 16x12b                                                                                  |
| CORE SIZE                        | 8/16-Bit                                                                                    |
| CORE PROCESSOR                   | AVR                                                                                         |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART, USB                                                             |
| BASE PART NUMBER                 | ATXMEGA64                                                                                   |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology ATXMEGA64B1-AUR | ATXMEGA64B1-AUR Distributor            | ATXMEGA64B1-AUR Supplier                               |
| ATXMEGA64B1-AUR Price                         | ATXMEGA64B1-AUR Pictures               | ATXMEGA64B1-AUR Image                                  |
| ATXMEGA64B1-AUR PDF Datasheet                 | ATXMEGA64B1-AUR Download Datasheet     | ATXMEGA64B1-AUR Datasheet                              |
| ATXMEGA64B1-AUR Stock                         | Buy ATXMEGA64B1-AUR                    | Buy Micrel / Microchip Technology ATXMEGA64B1-AUR      |
| Micrel / Microchip Technology ATXMEGA64B1-AUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATXMEGA64B1-AUR | Microchip Technology ATXMEGA64B1-AUR   | Roving Networks / Microchip Technology ATXMEGA64B1-AUR |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>ATXMEGA64B1-AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>          | <div></div> <div><b>ATXMEGA64B1-CUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 100CBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>          |
| <div></div> <div><b>ATXMEGA64B1-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 100TQFP<br/>In stock: 168 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>ATXMEGA64B3-AN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>ATXMEGA64B1-ANR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>ATXMEGA64B1-AN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 100TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>ATXMEGA64A4U-MHR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>ATXMEGA64B1-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 100CBGA<br/>In stock: 242 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>ATXMEGA64B3-ANR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>ATXMEGA64A4U-MNR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>ATXMEGA64A4U-MN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>ATXMEGA64B1-CUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 100CBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |