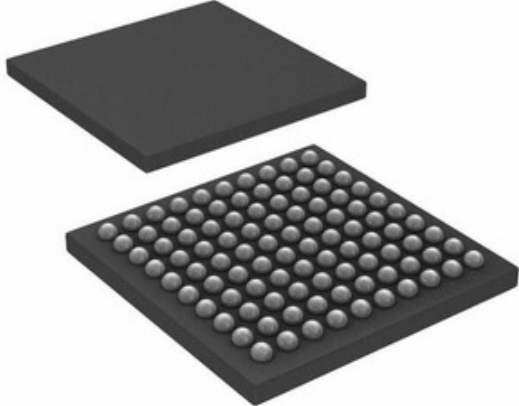




**Micrel / Microchip Technology**



**ATXMEGA64A1-C7U**

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATXMEGA64A1-C7U                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                         |
| Product description | IC MCU 8BIT 64KB FLASH 100VFBGA                                                                                       |
| Datasheets:         |  <a href="#">ATXMEGA64A1-C7U.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Stock Condition     | 19436 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

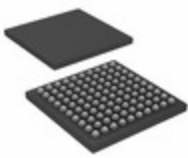
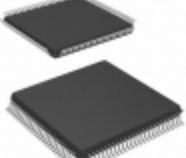
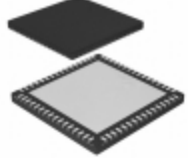
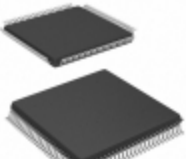
Specifications of ATXMEGA64A1-C7U

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATXMEGA64A1-C7U                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                           |
| DESCRIPTION                      | IC MCU 8BIT 64KB FLASH 100VFBGA                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| QUANTITY AVAILABLE               | 19436 pcs                                                                                                               |
| DATA SHEET                       |  <a href="#">ATXMEGA64A1-C7U.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 3.6 V                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 100-VFBGA (7x7)                                                                                                         |
| SPEED                            | 32MHz                                                                                                                   |
| SERIES                           | AVR® XMEGA® A1                                                                                                          |
| RAM SIZE                         | 4K x 8                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                   |
| PROGRAM MEMORY SIZE              | 64KB (32K x 16)                                                                                                         |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                              |
| PACKAGING                        | Tray                                                                                                                    |
| PACKAGE / CASE                   | 100-VFBGA                                                                                                               |
| OTHER NAMES                      | ATXMEGA64A1C7U                                                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°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® A1 Microcontroller IC 8/16-Bit 32MHz 64KB (32K x 16) FLASH 100-VFBGA (7x7)                              |
| DATA CONVERTERS                  | A/D 16x12b, D/A 4x12b                                                                                                   |
| CORE SIZE                        | 8/16-Bit                                                                                                                |
| CORE PROCESSOR                   | AVR                                                                                                                     |
| CONNECTIVITY                     | EBI/EMI, I²C, IrDA, SPI, UART/USART                                                                                     |
| BASE PART NUMBER                 | ATXMEGA64                                                                                                               |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology ATXMEGA64A1-C7U | ATXMEGA64A1-C7U Distributor            | ATXMEGA64A1-C7U Supplier                               |
| ATXMEGA64A1-C7U Price                         | ATXMEGA64A1-C7U Pictures               | ATXMEGA64A1-C7U Image                                  |
| ATXMEGA64A1-C7U PDF Datasheet                 | ATXMEGA64A1-C7U Download Datasheet     | ATXMEGA64A1-C7U Datasheet                              |
| ATXMEGA64A1-C7U Stock                         | Buy ATXMEGA64A1-C7U                    | Buy Micrel / Microchip Technology ATXMEGA64A1-C7U      |
| Micrel / Microchip Technology ATXMEGA64A1-C7U | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATXMEGA64A1-C7U | Microchip Technology ATXMEGA64A1-C7U   | Roving Networks / Microchip Technology ATXMEGA64A1-C7U |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div> <b>ATXMEGA64A1-C7UR</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 64KB FLASH 100VFBGA<br/> In stock: 18235 pcs </div> <div>RFQ</div> |  <div> <b>ATXMEGA64A1-AU</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 64KB FLASH 100TQFP<br/> In stock: 16255 pcs </div> <div>RFQ</div>  |
|  <div> <b>ATXMEGA384D3-MHR</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 384KB FLASH 64QFN<br/> In stock: 14441 pcs </div> <div>RFQ</div>   |  <div> <b>ATXMEGA64A1-CUR</b> </div> <div> Manufacturers: Microchip Technology<br/> Description: IC MCU 8BIT 64KB FLASH 100CBGA<br/> In stock: 5856 pcs </div> <div>RFQ</div>           |
|  <div> <b>ATXMEGA384D3-MNR</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 384KB FLASH 64QFN<br/> In stock: 6704 pcs </div> <div>RFQ</div>    |  <div> <b>ATXMEGA64A1-CU</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 64KB FLASH 100CBGA<br/> In stock: 14249 pcs </div> <div>RFQ</div>  |
|  <div> <b>ATXMEGA64A1U-AN</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 64KB FLASH 100TQFP<br/> In stock: 5997 pcs </div> <div>RFQ</div>    |  <div> <b>ATXMEGA64A1-CUR</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 64KB FLASH 100CBGA<br/> In stock: 15644 pcs </div> <div>RFQ</div> |
|  <div> <b>ATXMEGA64A1-C7UR</b> </div> <div> Manufacturers: Microchip Technology<br/> Description: IC MCU 8BIT 64KB FLASH 100VFBGA<br/> In stock: 16506 pcs </div> <div>RFQ</div>          |  <div> <b>ATXMEGA64A1-AUR</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 64KB FLASH 100TQFP<br/> In stock: 15614 pcs </div> <div>RFQ</div> |
|  <div> <b>ATXMEGA384D3-MN</b> </div> <div> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 8BIT 384KB FLASH 64QFN<br/> In stock: 2987 pcs </div> <div>RFQ</div>     |  <div> <b>ATXMEGA64A1-AUR</b> </div> <div> Manufacturers: Microchip Technology<br/> Description: IC MCU 8BIT 64KB FLASH 100TQFP<br/> In stock: 18702 pcs </div> <div>RFQ</div>          |