



Micrel / Microchip Technology



ATXMEGA256A3-AUR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATXMEGA256A3-AUR                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 256KB FLASH 64TQFP                                                                               |
| Datasheets:         |  ATXMEGA256A3-AUR.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

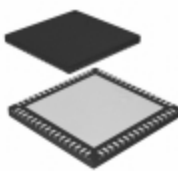
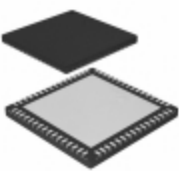
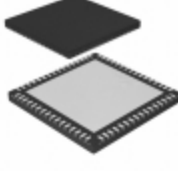
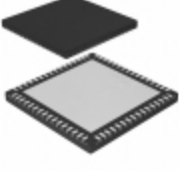
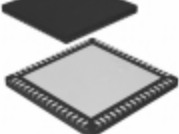
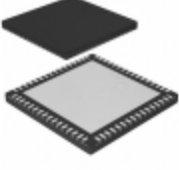
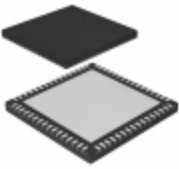
Specifications of ATXMEGA256A3-AUR

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATXMEGA256A3-AUR                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                            |
| DESCRIPTION                      | IC MCU 8BIT 256KB FLASH 64TQFP                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| DATA SHEET                       |  ATXMEGA256A3-AUR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 3.6 V                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (14x14)                                                                                          |
| SPEED                            | 32MHz                                                                                                    |
| SERIES                           | AVR® XMEGA® A3                                                                                           |
| 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                      | ATXMEGA256A3-AUR-ND<br>ATXMEGA256A3-AURTR<br>ATXMEGA256A3AUR                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                        |
| NUMBER OF I/O                    | 50                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| EEPROM SIZE                      | 4K x 8                                                                                                   |
| DETAILED DESCRIPTION             | AVR AVR® XMEGA® A3 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                                                                               |
| BASE PART NUMBER                 | ATXMEGA256                                                                                               |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATXMEGA256A3-AUR | ATXMEGA256A3-AUR Distributor           | ATXMEGA256A3-AUR Supplier                               |
| ATXMEGA256A3-AUR Price                         | ATXMEGA256A3-AUR Pictures              | ATXMEGA256A3-AUR Image                                  |
| ATXMEGA256A3-AUR PDF Datasheet                 | ATXMEGA256A3-AUR Download Datasheet    | ATXMEGA256A3-AUR Datasheet                              |
| ATXMEGA256A3-AUR Stock                         | Buy ATXMEGA256A3-AUR                   | Buy Micrel / Microchip Technology ATXMEGA256A3-AUR      |
| Micrel / Microchip Technology ATXMEGA256A3-AUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology ATXMEGA256A3-AUR | Microchip Technology ATXMEGA256A3-AUR  | Roving Networks / Microchip Technology ATXMEGA256A3-AUR |

Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                   |
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|  <div><b>ATXMEGA256A3-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>ATXMEGA256A3B-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br/>In stock: 130 pcs<br/><div>RFQ</div></div>  |
|  <div><b>ATXMEGA192D3-MH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 192KB FLASH 64QFN<br/>In stock: 155 pcs<br/><div>RFQ</div></div>      |  <div><b>ATXMEGA256A3-MH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64QFN<br/>In stock: 297 pcs<br/><div>RFQ</div></div>    |
|  <div><b>ATXMEGA256A3-MHR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>ATXMEGA192D3-MHR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 192KB FLASH 64QFN<br/>In stock: 356 pcs<br/><div>RFQ</div></div>   |
|  <div><b>ATXMEGA256A3B-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br/>In stock: Out stock<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: 920 pcs<br/><div>RFQ</div></div>   |
|  <div><b>ATXMEGA192D3-MHR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 192KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>            |  <div><b>ATXMEGA192D3-MN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 192KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>ATXMEGA256A3B-AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br/>In stock: 62 pcs<br/><div>RFQ</div></div>             |  <div><b>ATXMEGA192D3-MNR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 192KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |