



Micrel / Microchip Technology



ATXMEGA256C3-MN

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATXMEGA256C3-MN                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 256KB FLASH 64TQFP                                                                               |
|                     |  1.ATXMEGA256C3-MN.pdf      |
|                     |  2.ATXMEGA256C3-MN.pdf      |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         |                                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

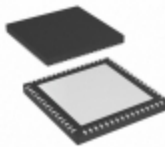
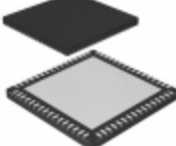
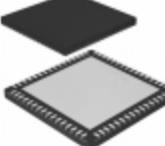
Specifications of ATXMEGA256C3-MN

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATXMEGA256C3-MN                                                                                                                                                                                                        |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 256KB FLASH 64TQFP                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| DATA SHEET                       |  1.ATXMEGA256C3-MN.pdf<br> 2.ATXMEGA256C3-MN.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 3.6 V                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (14x14)                                                                                                                                                                                                        |
| SPEED                            | 32MHz                                                                                                                                                                                                                  |
| SERIES                           | AVR® XMEGA® C3                                                                                                                                                                                                         |
| RAM SIZE                         | 16K x 8                                                                                                                                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                  |
| PROGRAM MEMORY SIZE              | 256KB (128K x 16)                                                                                                                                                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                  |
| PACKAGING                        | Tray                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 64-TQFP                                                                                                                                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                                                                                                                     |
| NUMBER OF I/O                    | 50                                                                                                                                                                                                                     |
| 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® C3 Microcontroller IC 8/16-Bit 32MHz 256KB (128K x 16) FLASH 64-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                 | ATXMEGA256                                                                                                                                                                                                             |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology ATXMEGA256C3-MN | ATXMEGA256C3-MN Distributor            | ATXMEGA256C3-MN Supplier                               |
| ATXMEGA256C3-MN Price                         | ATXMEGA256C3-MN Pictures               | ATXMEGA256C3-MN Image                                  |
| ATXMEGA256C3-MN PDF Datasheet                 | ATXMEGA256C3-MN Download Datasheet     | ATXMEGA256C3-MN Datasheet                              |
| ATXMEGA256C3-MN Stock                         | Buy ATXMEGA256C3-MN                    | Buy Micrel / Microchip Technology ATXMEGA256C3-MN      |
| Micrel / Microchip Technology ATXMEGA256C3-MN | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATXMEGA256C3-MN | Microchip Technology ATXMEGA256C3-MN   | Roving Networks / Microchip Technology ATXMEGA256C3-MN |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                |
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|  <div><b>ATXMEGA256C3-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br/>In stock: 308 pcs</div> <div>RFQ</div>    |  <div><b>ATXMEGA256C3-MHR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64QFN<br/>In stock: Out stock</div> <div>RFQ</div>           |
|  <div><b>ATXMEGA256C3-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br/>In stock: Out stock</div> <div>RFQ</div> |  <div><b>ATXMEGA256C3-MHR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64QFN<br/>In stock: Out stock</div> <div>RFQ</div>  |
|  <div><b>ATXMEGA256D3-MH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64QFN<br/>In stock: Out stock</div> <div>RFQ</div>   |  <div><b>ATXMEGA256C3-MH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64QFN<br/>In stock: Out stock</div> <div>RFQ</div>   |
|  <div><b>ATXMEGA256D3-AN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |  <div><b>ATXMEGA256C3-MNR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
|  <div><b>ATXMEGA256C3-AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br/>In stock: Out stock</div> <div>RFQ</div>          |  <div><b>ATXMEGA256D3-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
|  <div><b>ATXMEGA256D3-ANR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br/>In stock: Out stock</div> <div>RFQ</div> |  <div><b>ATXMEGA256D3-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |