



Microchip Technology



**ATXMEGA256C3-MHR**

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATXMEGA256C3-MHR                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 256KB FLASH 64QFN                                                                                |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 18210 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

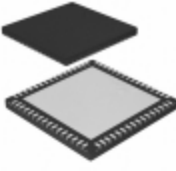
Specifications of ATXMEGA256C3-MHR

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| PART NUMBER                      | ATXMEGA256C3-MHR                                                             |
| MANUFACTURER                     | Microchip Technology                                                         |
| DESCRIPTION                      | IC MCU 8BIT 256KB FLASH 64QFN                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                   |
| QUANTITY AVAILABLE               | 18210 pcs                                                                    |
| DATA SHEET                       |                                                                              |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                        |
| SERIES                           | AVR® XMEGA® C3                                                               |
| REVERSE RECOVERY TIME (TRR)      | 32MHz                                                                        |
| REQUIRES                         | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                   |
| PROGRAM MEMORY TYPE              | 256KB (128K x 16)                                                            |
| PROGRAM MEMORY SIZE              | I²C, IrDA, SPI, UART/USART, USB                                              |
| OTHER NAMES                      | 1611-ATXMEGA256C3-MHRDKR                                                     |
| OSCILLATOR TYPE                  | A/D 16x12b                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                            |
| OPERATING SYSTEM                 | AVR                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                |
| MANUFACTURER PART NUMBER         | ATXMEGA256C3-MHR                                                             |
| EXPANDED DESCRIPTION             | AVR AVR® XMEGA® C3 Microcontroller IC 8/16-Bit 32MHz 256KB (128K x 16) FLASH |
| DESCRIPTION                      | IC MCU 8BIT 256KB FLASH 64QFN                                                |
| DATA SRAM BYTES                  | 4K x 8                                                                       |
| DATA CONVERTERS                  | 1.6 V ~ 3.6 V                                                                |
| CORE SIZE                        | 16K x 8                                                                      |
| CONTROLLER SERIES                | Internal                                                                     |
| CONNECTIVITY                     | 8/16-Bit                                                                     |
| CLOCK RATE                       | 50                                                                           |

Related Tags

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

Related Products

|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>ATXMEGA256C3-AU</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br>In stock: 15158 pcs<br><div>RFQ</div> |  <b>ATXMEGA256C3-MN</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br>In stock: 2865 pcs<br><div>RFQ</div>   |
|  <b>ATXMEGA256C3-ANR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br>In stock: 3451 pcs<br><div>RFQ</div> |  <b>ATXMEGA256C3-MNR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br>In stock: 5960 pcs<br><div>RFQ</div>  |
|  <b>ATXMEGA256D3-ANR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br>In stock: 5589 pcs<br><div>RFQ</div> |  <b>ATXMEGA256C3-MH</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 256KB FLASH 64QFN<br>In stock: 18241 pcs<br><div>RFQ</div>   |
|  <b>ATXMEGA256C3-AUR</b><br>Manufacturers: Microchip Technology<br>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br>In stock: 20429 pcs<br><div>RFQ</div>         |  <b>ATXMEGA256C3-MHR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 256KB FLASH 64QFN<br>In stock: 36811 pcs<br><div>RFQ</div>  |
|  <b>ATXMEGA256D3-AU</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br>In stock: 18253 pcs<br><div>RFQ</div> |  <b>ATXMEGA256C3-AUR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br>In stock: 22215 pcs<br><div>RFQ</div> |
|  <b>ATXMEGA256D3-AN</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br>In stock: 5367 pcs<br><div>RFQ</div>  |  <b>ATXMEGA256C3-AN</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br>In stock: 4905 pcs<br><div>RFQ</div>   |