

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATXMEGA256A3U-AN

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATXMEGA256A3U-AN                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 256KB FLASH 64TQFP                                                                               |
|                     |  1.ATXMEGA256A3U-AN.pdf     |
|                     |  2.ATXMEGA256A3U-AN.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

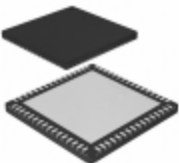
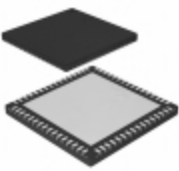
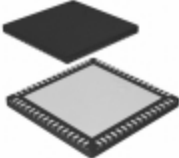
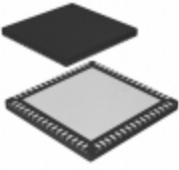
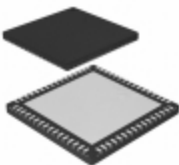
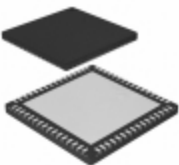
Specifications of ATXMEGA256A3U-AN

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATXMEGA256A3U-AN                                                                                                                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 8BIT 256KB FLASH 64TQFP                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| DATA SHEET                       |  1.ATXMEGA256A3U-AN.pdf<br> 2.ATXMEGA256A3U-AN.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 3.6 V                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (14x14)                                                                                                                                                                                                          |
| SPEED                            | 32MHz                                                                                                                                                                                                                    |
| SERIES                           | AVR® XMEGA® A3U                                                                                                                                                                                                          |
| 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                        | 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)                                                                                                                                                                                                            |
| 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® A3U 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, USB                                                                                                                                                                                          |
| BASE PART NUMBER                 | ATXMEGA256                                                                                                                                                                                                               |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATXMEGA256A3U-AN | ATXMEGA256A3U-AN Distributor           | ATXMEGA256A3U-AN Supplier                               |
| ATXMEGA256A3U-AN Price                         | ATXMEGA256A3U-AN Pictures              | ATXMEGA256A3U-AN Image                                  |
| ATXMEGA256A3U-AN PDF Datasheet                 | ATXMEGA256A3U-AN Download Datasheet    | ATXMEGA256A3U-AN Datasheet                              |
| ATXMEGA256A3U-AN Stock                         | Buy ATXMEGA256A3U-AN                   | Buy Micrel / Microchip Technology ATXMEGA256A3U-AN      |
| Micrel / Microchip Technology ATXMEGA256A3U-AN | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology ATXMEGA256A3U-AN | Microchip Technology ATXMEGA256A3U-AN  | Roving Networks / Microchip Technology ATXMEGA256A3U-AN |

Related Products

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|  MICROCHIP<br><b>ATXMEGA256A3BU-AUR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br>In stock: Out stock<br>RFQ | <br><b>ATXMEGA256A3BU-MH</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 256KB FLASH 64QFN<br>In stock: 691 pcs<br>RFQ    |
| <br><b>ATXMEGA256A3U-AUR</b><br>Manufacturers: Microchip Technology<br>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br>In stock: 25 pcs<br>RFQ                        | <br><b>ATXMEGA256A3U-ANR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br>In stock: Out stock<br>RFQ |
| <br><b>ATXMEGA256A3U-AU</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br>In stock: Out stock<br>RFQ             | <br><b>ATXMEGA256A3BU-MN</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 256KB FLASH 64QFN<br>In stock: Out stock<br>RFQ  |
| <br><b>ATXMEGA256A3U-M7</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 256KB FLASH 64QFN<br>In stock: Out stock<br>RFQ              | <br><b>ATXMEGA256A3U-AUR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 256KB FLASH 64TQFP<br>In stock: Out stock<br>RFQ |
| <br><b>ATXMEGA256A3BU-MHR</b><br>Manufacturers: Microchip Technology<br>Description: IC MCU 8BIT 256KB FLASH 64QFN<br>In stock: Out stock<br>RFQ                     | <br><b>ATXMEGA256A3BU-MHR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 256KB FLASH 64QFN<br>In stock: Out stock<br>RFQ |
| <br><b>ATXMEGA256A3BU-MNR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 256KB FLASH 64QFN<br>In stock: Out stock<br>RFQ            | <br><b>ATXMEGA256A3U-M7R</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 256KB FLASH 64QFN<br>In stock: Out stock<br>RFQ  |