



ATUC256L3U-Z3UR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATUC256L3U-Z3UR                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 256KB FLASH 64QFN                                                                               |
|                     |  1.ATUC256L3U-Z3UR.pdf      |
|                     |  2.ATUC256L3U-Z3UR.pdf      |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         |                                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

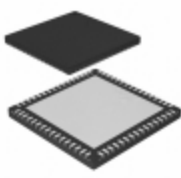
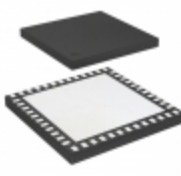
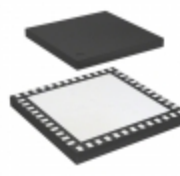
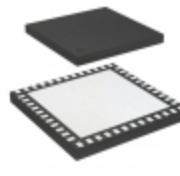
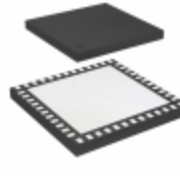
Specifications of ATUC256L3U-Z3UR

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATUC256L3U-Z3UR                                                                                                                                                                                                        |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 64QFN                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| DATA SHEET                       |  1.ATUC256L3U-Z3UR.pdf<br> 2.ATUC256L3U-Z3UR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.62 V ~ 3.6 V                                                                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (9x9)                                                                                                                                                                                                           |
| SPEED                            | 50MHz                                                                                                                                                                                                                  |
| SERIES                           | AVR@32 UC3 L                                                                                                                                                                                                           |
| RAM SIZE                         | 32K x 8                                                                                                                                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                  |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                                                                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                                                                                                                             |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                                                                                                                                                                   |
| OTHER NAMES                      | ATUC256L3U-Z3URTR<br>ATUC256L3UZ3UR                                                                                                                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                      |
| NUMBER OF I/O                    | 51                                                                                                                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                          |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| EEPROM SIZE                      | -                                                                                                                                                                                                                      |
| DETAILED DESCRIPTION             | AVR AVR@32 UC3 L Microcontroller IC 32-Bit 50MHz 256KB (256K x 8) FLASH 64-QFN (9x9)                                                                                                                                   |
| DATA CONVERTERS                  | A/D 8x12b                                                                                                                                                                                                              |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                 |
| CORE PROCESSOR                   | AVR                                                                                                                                                                                                                    |
| CONNECTIVITY                     | I²C, SPI, UART/USART, USB                                                                                                                                                                                              |
| BASE PART NUMBER                 | ATUC256                                                                                                                                                                                                                |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology ATUC256L3U-Z3UR | ATUC256L3U-Z3UR Distributor            | ATUC256L3U-Z3UR Supplier                               |
| ATUC256L3U-Z3UR Price                         | ATUC256L3U-Z3UR Pictures               | ATUC256L3U-Z3UR Image                                  |
| ATUC256L3U-Z3UR PDF Datasheet                 | ATUC256L3U-Z3UR Download Datasheet     | ATUC256L3U-Z3UR Datasheet                              |
| ATUC256L3U-Z3UR Stock                         | Buy ATUC256L3U-Z3UR                    | Buy Micrel / Microchip Technology ATUC256L3U-Z3UR      |
| Micrel / Microchip Technology ATUC256L3U-Z3UR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATUC256L3U-Z3UR | Microchip Technology ATUC256L3U-Z3UR   | Roving Networks / Microchip Technology ATUC256L3U-Z3UR |

Related Products

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|  <div><b>ATUC256L3U-Z3UT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64QFN<br/>In stock: 380 pcs<br/>RFQ</div>      |  <div><b>ATUC256L3U-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>ATUC128L4U-AUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 48TQFP<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>ATUC256L3U-AUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/>In stock: 304 pcs<br/>RFQ</div>     |
|  <div><b>ATUC256L4U-D3HES</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48TLLGA<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>ATUC128L4U-D3HT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 48TLLGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>ATUC256L4U-AUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48TQFP<br/>In stock: 296 pcs<br/>RFQ</div>      |  <div><b>ATUC128L4U-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 48TQFP<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>ATUC256L4U-AUTES</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48TQFP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>ATUC256L4U-D3HR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48TLLGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>ATUC256L4U-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48TQFP<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>ATUC128L4U-D3HR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 48TLLGA<br/>In stock: Out stock<br/>RFQ</div> |