

MICROCHIP

Micrel / Microchip Technology

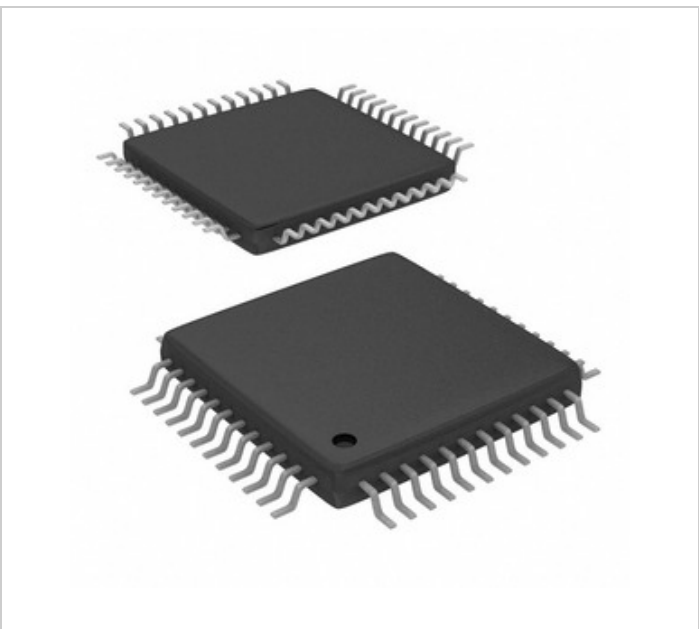


Image may be representation. See specifications for product details.

ATUC256L4U-AUT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATUC256L4U-AUT                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 256KB FLASH 48TQFP                                                                              |
| Datasheets:         |  1.ATUC256L4U-AUT.pdf       |
|                     |  2.ATUC256L4U-AUT.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 17136 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

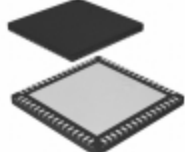
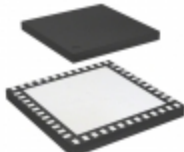
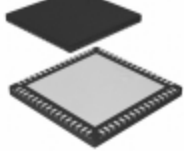
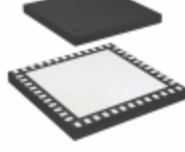
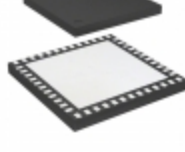
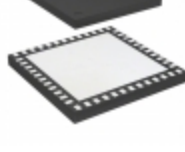
Specifications of ATUC256L4U-AUT

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATUC256L4U-AUT                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                            |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 48TQFP                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE               | 17136 pcs                                                                                                |
| DATA SHEET                       |  1.ATUC256L4U-AUT.pdf |
|                                  |  2.ATUC256L4U-AUT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.62 V ~ 3.6 V                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 48-TQFP (7x7)                                                                                            |
| 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                        | Tray                                                                                                     |
| PACKAGE / CASE                   | 48-TQFP                                                                                                  |
| OTHER NAMES                      | ATUC256L4UAUT                                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                        |
| NUMBER OF I/O                    | 36                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                            |
| 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 48-TQFP (7x7)                    |
| 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 ATUC256L4U-AUT | ATUC256L4U-AUT Distributor             | ATUC256L4U-AUT Supplier                               |
| ATUC256L4U-AUT Price                         | ATUC256L4U-AUT Pictures                | ATUC256L4U-AUT Image                                  |
| ATUC256L4U-AUT PDF Datasheet                 | ATUC256L4U-AUT Download Datasheet      | ATUC256L4U-AUT Datasheet                              |
| ATUC256L4U-AUT Stock                         | Buy ATUC256L4U-AUT                     | Buy Micrel / Microchip Technology ATUC256L4U-AUT      |
| Micrel / Microchip Technology ATUC256L4U-AUT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology ATUC256L4U-AUT | Microchip Technology ATUC256L4U-AUT    | Roving Networks / Microchip Technology ATUC256L4U-AUT |

Related Products

|                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>ATUC256L3U-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/>In stock: 15961 pcs<br/><div>RFQ</div></div>   | <div>MICROCHIP</div> <div><b>ATUC256L4U-ZAUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48QFN<br/>In stock: 15102 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>ATUC256L3U-Z3UT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64QFN<br/>In stock: 11182 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>ATUC256L4U-D3HT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48TLLGA<br/>In stock: 17790 pcs<br/><div>RFQ</div></div>        |
| <div></div> <div><b>ATUC256L4U-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48TQFP<br/>In stock: 16759 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>ATUC256L3U-Z3UR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64QFN<br/>In stock: 14937 pcs<br/><div>RFQ</div></div>          |
| <div></div> <div><b>ATUC128L4U-D3HT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 48TLLGA<br/>In stock: 17452 pcs<br/><div>RFQ</div></div> | <div>MICROCHIP</div> <div><b>ATUC256L4U-ZAUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48QFN<br/>In stock: 13754 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>ATUC256L4U-D3HR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48TLLGA<br/>In stock: 17497 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>ATUC256L4U-AUTES</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48TQFP<br/>In stock: 5573 pcs<br/><div>RFQ</div></div>         |
| <div></div> <div><b>ATUC256L4U-D3HES</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48TLLGA<br/>In stock: 3981 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>ATUC256L3U-AUT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/>In stock: 11131 pcs<br/><div>RFQ</div></div>          |