



Micrel / Microchip Technology

## ATUC256L4U-ZAUT

Part Number:	ATUC256L4U-ZAUT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 256KB FLASH 48QFN
Datasheets:	<a href="#">1.ATUC256L4U-ZAUT.pdf</a> <a href="#">2.ATUC256L4U-ZAUT.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	15102 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of ATUC256L4U-ZAUT

PART NUMBER	ATUC256L4U-ZAUT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 256KB FLASH 48QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	15102 pcs
DATA SHEET	<a href="#">1.ATUC256L4U-ZAUT.pdf</a> <a href="#">2.ATUC256L4U-ZAUT.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-QFN (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-VFQFN Exposed Pad
OTHER NAMES	ATUC256L4UZAUT
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-QFN (7x7)
DATA CONVERTERS	A/D 8x12b
CORE SIZE	32-Bit
CORE PROCESSOR	AVR
CONNECTIVITY	I <sup>2</sup> C, SPI, UART/USART, USB
BASE PART NUMBER	ATUC256

### Related Tags

Micrel / Microchip Technology ATUC256L4U-ZAUT	ATUC256L4U-ZAUT Distributor	ATUC256L4U-ZAUT Supplier
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### Related Products

<p><b>ATUC256L4U-D3HR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 256KB FLASH 48TLLGA                  In stock: 17497 pcs  <a href="#">RFQ</a></p>	<p><b>ATUC256L4U-D3HT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 256KB FLASH 48TLLGA                  In stock: 17790 pcs  <a href="#">RFQ</a></p>
<p><b>ATUC256L4U-D3HES</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 256KB FLASH 48TLLGA                  In stock: 3981 pcs  <a href="#">RFQ</a></p>	<p><b>ATUC64D3-A2UR</b>                  Manufacturers: Microchip Technology                  Description: IC MCU 32BIT 64KB FLASH 64TQFP                  In stock: 22286 pcs  <a href="#">RFQ</a></p>
<p><b>ATUC64D3-Z2UT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 64KB FLASH 64QFN                  In stock: 30353 pcs  <a href="#">RFQ</a></p>	<p><b>ATUC64D4-AUR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 64KB FLASH 48TQFP                  In stock: 5815 pcs  <a href="#">RFQ</a></p>
<p><b>ATUC256L4U-ZAUR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 256KB FLASH 48QFN                  In stock: 13754 pcs  <a href="#">RFQ</a></p>	<p><b>ATUC256L4U-AUT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 256KB FLASH 48TQFP                  In stock: 17136 pcs  <a href="#">RFQ</a></p>
<p><b>ATUC64D3-A2UT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 64KB FLASH 64TQFP                  In stock: 27230 pcs  <a href="#">RFQ</a></p>	<p><b>ATUC256L4U-AUTES</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 256KB FLASH 48TQFP                  In stock: 5573 pcs  <a href="#">RFQ</a></p>
<p><b>ATUC64D3-A2UR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 64KB FLASH 64TQFP                  In stock: 28467 pcs  <a href="#">RFQ</a></p>	<p><b>ATUC64D3-Z2UR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 64KB FLASH 64QFN                  In stock: 4368 pcs  <a href="#">RFQ</a></p>