



Micrel / Microchip Technology

## ATUC64L4U-AUT

Part Number:	ATUC64L4U-AUT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 64KB FLASH 48TQFP
Datasheets:	<a href="#">1.ATUC64L4U-AUT.pdf</a> <a href="#">2.ATUC64L4U-AUT.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	22678 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 ATUC64L4U-AUT

PART NUMBER	ATUC64L4U-AUT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 64KB FLASH 48TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	22678 pcs
DATA SHEET	<a href="#">1.ATUC64L4U-AUT.pdf</a> <a href="#">2.ATUC64L4U-AUT.pdf</a>
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	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	48-TQFP
OTHER NAMES	ATUC64L4UAUT
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 64KB (64K x 8) FLASH 48-TQFP (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	ATUC64

### Related Tags

Micrel / Microchip Technology ATUC64L4U-AUT	ATUC64L4U-AUT Distributor	ATUC64L4U-AUT Supplier
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### Related Products

<p><b>ATUC64L4U-ZAUR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 64KB FLASH 48QFN                  In stock: 18950 pcs  <a href="#">RFQ</a></p>	<p><b>ATUC64L4U-D3HR</b>                  Manufacturers: Microchip Technology                  Description: IC MCU 32BIT 64KB FLASH 48TLLGA                  In stock: 21090 pcs  <a href="#">RFQ</a></p>
<p><b>ATUC64L3U-AUT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 64KB FLASH 64TQFP                  In stock: 19933 pcs  <a href="#">RFQ</a></p>	<p><b>ATUC64L4U-D3HR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 64KB FLASH 48TLLGA                  In stock: 18682 pcs  <a href="#">RFQ</a></p>
<p><b>ATUC64L4U-ZAUT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 64KB FLASH 48QFN                  In stock: 22439 pcs  <a href="#">RFQ</a></p>	<p><b>ATUC64L4U-AUR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 64KB FLASH 48TQFP                  In stock: 19963 pcs  <a href="#">RFQ</a></p>
<p><b>ATUC64L4U-D3HT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 64KB FLASH 48TLLGA                  In stock: 19589 pcs  <a href="#">RFQ</a></p>	<p><b>ATUC64L3U-AUR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 64KB FLASH 64TQFP                  In stock: 18004 pcs  <a href="#">RFQ</a></p>
<p><b>ATUC64L3U-Z3UT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 64KB FLASH 64QFN                  In stock: 20461 pcs  <a href="#">RFQ</a></p>	<p><b>ATUC64L3U-Z3UR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 64KB FLASH 64QFN                  In stock: 17538 pcs  <a href="#">RFQ</a></p>
<p><b>ATUC64D4-Z1UT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 64KB FLASH 48QFN                  In stock: 28051 pcs  <a href="#">RFQ</a></p>	<p><b>ATUE 2</b>                  Manufacturers: ASSMANN WSW Components                  Description: CABLE BOOT FOR DSUB HOODS                  In stock: 126397 pcs  <a href="#">RFQ</a></p>