



Micrel / Microchip Technology

## ATUC128D3-Z2UR

Part Number:	ATUC128D3-Z2UR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 128KB FLASH 64QFN
Datasheets:	<a href="#">1.ATUC128D3-Z2UR.pdf</a> <a href="#">2.ATUC128D3-Z2UR.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	23752 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 ATUC128D3-Z2UR

PART NUMBER	ATUC128D3-Z2UR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 128KB FLASH 64QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	23752 pcs
DATA SHEET	<a href="#">1.ATUC128D3-Z2UR.pdf</a> <a href="#">2.ATUC128D3-Z2UR.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.65 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-QFN (9x9)
SPEED	48MHz
SERIES	AVR@32 UC3 D
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	64-VFQFN Exposed Pad
OTHER NAMES	ATUC128D3-Z2UR-ND ATUC128D3-Z2URTR ATUC128D3Z2UR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	51
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	AVR AVR@32 UC3 D Microcontroller IC 32-Bit 48MHz 128KB (128K x 8) FLASH 64-QFN (9x9)
DATA CONVERTERS	A/D 8x10b
CORE SIZE	32-Bit
CORE PROCESSOR	AVR
CONNECTIVITY	I <sup>2</sup> C, SPI, UART/USART, USB
BASE PART NUMBER	ATUC128

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<p><b>ATUC128L3U-Z3UR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 64QFN In stock: 15773 pcs <a href="#">RFQ</a></p>	<p><b>ATU6-V305T-R</b> Manufacturers: ASSMANN WSW Components Description: CABLE CAT6 8COND 24AWG 1000.7' In stock: 481 pcs <a href="#">RFQ</a></p>
<p><b>ATUC128D4-Z1UR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48QFN In stock: 21854 pcs <a href="#">RFQ</a></p>	<p><b>ATUC128D4-Z1UT</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48QFN In stock: 19319 pcs <a href="#">RFQ</a></p>
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<p><b>ATUC128D3-A2UR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: 6388 pcs <a href="#">RFQ</a></p>	<p><b>ATUC128D4-AUR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48TQFP In stock: 2976 pcs <a href="#">RFQ</a></p>
<p><b>ATUC128L3U-AUT</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 64TQFP In stock: 15687 pcs <a href="#">RFQ</a></p>	<p><b>ATUC128D4-AUT</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48TQFP In stock: 21700 pcs <a href="#">RFQ</a></p>
<p><b>ATUC128L3U-AUR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 64TQFP In stock: 15177 pcs <a href="#">RFQ</a></p>	<p><b>ATU6-P305T</b> Manufacturers: ASSMANN WSW Components Description: CABLE CAT6 8COND 23AWG GRY 1000' In stock: 475 pcs <a href="#">RFQ</a></p>