

ATUC128D4-Z1UR



Part Number: [ATUC128D4-Z1UR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 128KB FLASH 48QFN

Data sheet:  [ATUC128D3/D4, ATUC64D3/D4 Datasheet](#)
 [ATUC128D3/D4, ATUC64D3/D4 Summary](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

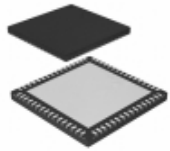
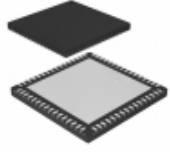
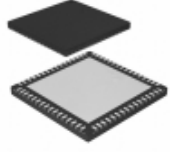
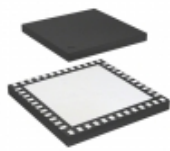
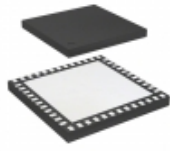
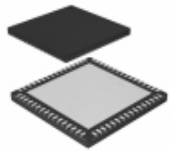
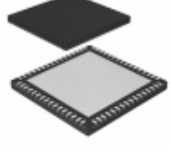
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PRODUCT PARAMETER			
Part Number	ATUC128D4-Z1UR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 128KB FLASH 48QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	20625 pcs	Data sheet	ATUC128D3/D4, ATUC64D3/D4 Datasheet ATUC128D3/D4, ATUC64D3/D4 Summary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 3.6 V
Supplier Device Package	48-QFN (7x7)	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 ² S, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	48-VFQFN Exposed Pad	Other Names	ATUC128D4-Z1UR-ND ATUC128D4-Z1URTR ATUC128D4Z1UR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	35	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 D Microcontroller IC 32-Bit 48MHz 128KB (128K x 8) FLASH 48-QFN (7x7)
Data Converters	A/D 6x10b	Core Size	32-Bit
Core Processor	AVR	Connectivity	PC, SPI, UART/USART, USB
Base Part Number	ATUC128		

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	Part#: ATUC128L3U-Z3UT Description: IC MCU 32BIT 128KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATUC128L4U-D3HT Description: IC MCU 32BIT 128KB FLASH 48TLLGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATUC128L3U-Z3UR Description: IC MCU 32BIT 128KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATUC256L3U-AUT Description: IC MCU 32BIT 256KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATUC128D4-AUR Description: IC MCU 32BIT 128KB FLASH 48TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATUC128L3U-AUR Description: IC MCU 32BIT 128KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATUC128D4-Z1UT Description: IC MCU 32BIT 128KB FLASH 48QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATUC128D4-AUT Description: IC MCU 32BIT 128KB FLASH 48TQFP	Manufacturers: Micrel / Microchip Technology	RFQ

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