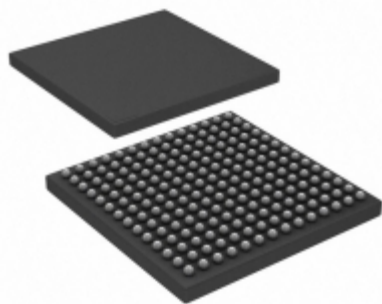


AT32AP7002-CTUT





Part Number: [AT32AP7002-CTUT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT ROMLESS 196CBGA

Data sheet:  [AT32AP7002 Datasheet~](#)
 [AT32AP7002 Summary~](#)

RoHs Status: Lead free / RoHS Compliant

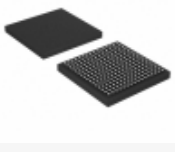
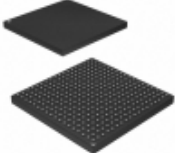
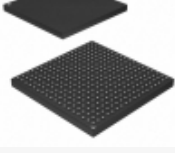
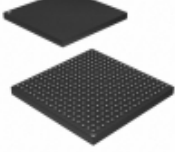
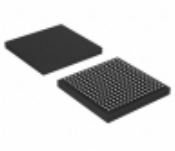
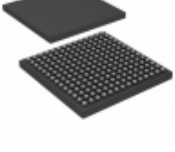
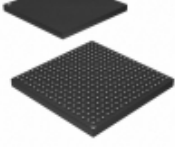
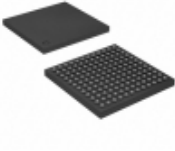
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	AT32AP7002-CTUT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT ROMLESS 196CBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4759 pcs	Data sheet	AT32AP7002 Datasheet~ AT32AP7002 Summary~
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 1.95 V
Supplier Device Package	196-CTBGA (12x12)	Speed	150MHz
Series	AVR@32 AP7	RAM Size	32K x 8
Program Memory Type	ROMless	Program Memory Size	-
Peripherals	AC'97, DMA, I ² S, LCD, POR, PWM, WDT	Packaging	Tray
Package / Case	196-TFBGA, CSBGA	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	85
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	AVR AVR@32 AP7 Microcontroller IC 32-Bit 150MHz ROMless 196-CTBGA (12x12)
Data Converters	D/A 2x16b	Core Size	32-Bit
Core Processor	AVR	Connectivity	EBI/EMI, I ² C, Memory Card, PS/2, SPI, SSC, UART/USART, USB
Base Part Number	AT32AP7002		
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	Part#: AT32UC3A0128-ALUT Description: IC MCU 32BIT 128KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32AP7000-CTUT Description: IC MCU 32BIT ROMLESS 256CTBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32AP7200-CTUT Description: IC MCU 32BIT ROMLESS 324TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32AP7200-CTUR Description: IC MCU 32BIT ROMLESS 324TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT3228QB10ZS-RV Description: LED 452NM BLUE 1W 3.2X2.8MM SMD	Manufacturers: Kingbright	RFQ
	Part#: AT32L7238SQB3M Description: 256MB DDR1 SINGLE RANK 200 PIN U	Manufacturers: ATP Electronics, Inc.	RFQ
	Part#: AT32AP7001-ALUT Description: IC MCU 32BIT ROMLESS 208LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32AP7200-CFUT Description: IC MCU 32BIT ROMLESS 324TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT3228SY9ZS-RV Description: LED 598NM YELLOW 3.2X2.8MM SMD	Manufacturers: Kingbright	RFQ
	Part#: AT32AP7000-CTUR Description: IC MCU 32BIT ROMLESS 256CTBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32AP7002-CTUR Description: IC MCU 32BIT ROMLESS 196CTBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT3228ZG10ZS-RV Description: LED 520NM GREEN 3.2X2.8MM SMD	Manufacturers: Kingbright	RFQ
	Part#: AT32AP7200-CFUR Description: IC MCU 32BIT ROMLESS 324TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT3228SE9ZS-RV Description: LED 635 RED-ORN 3.2X2.8MM SMD	Manufacturers: Kingbright	RFQ
	Part#: AT32UC3A0128-CTUR Description: IC MCU 32BIT 128KB FLASH 144BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3A0128-ALUR Description: IC MCU 32BIT 128KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32L64A6SHC4M Description: 256MB DDR1 SINGLE RANK UNBUFFERR	Manufacturers: ATP Electronics, Inc.	RFQ
	Part#: AT30TSE758A-XM8M-T Description: SENSOR DIGITAL -55C-125C 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3A0128-CTUT Description: IC MCU 32BIT 128KB FLASH 144BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT311-310-1605 Description: REMOVAL TOOL PLASTIC	Manufacturers: Amphenol Tuchel Electronics	RFQ

Related keywords for **AT32AP7002-CTUT**

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