

AT32AP7002-CTUR





Part Number: [AT32AP7002-CTUR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT ROMLESS 196CTBGA

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

RoHs Status: Lead free / RoHS Compliant

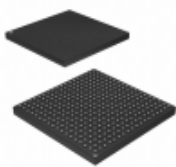
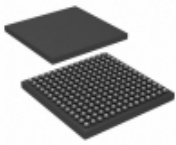
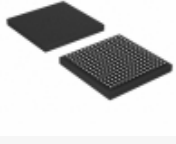
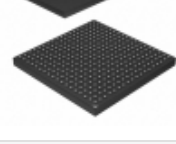
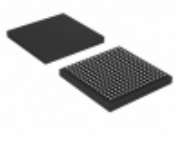
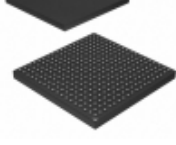
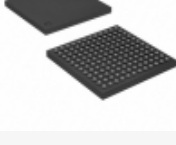
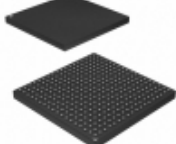
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PRODUCT PARAMETER			
Part Number	AT32AP7002-CTUR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT ROMLESS 196CTBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5247 pcs	Data sheet	AT32AP7002 Datasheet~ 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, I²S, LCD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	196-TFBGA, CSBGA	Other Names	AT32AP7002-CTUR-ND AT32AP7002-CTURTR
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, I²C, Memory Card, PS/2, SPI, SSC, UART/USART, USB	Base Part Number	AT32AP7002
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RELATED PRODUCTS			
	Part#: AT32AP7200-CTUR Description: IC MCU 32BIT ROMLESS 324TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32L7238SQB3M Description: 256MB DDR1 SINGLE RANK 200 PIN U	Manufacturers: ATP Electronics, Inc.	RFQ
	Part#: AT32AP7002-CTUT Description: IC MCU 32BIT ROMLESS 196CBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT30TSE758A-XM8M-T Description: SENSOR DIGITAL -55C-125C 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT30TSE758A-XM8M-B Description: SENSOR DIGITAL -55C-125C 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32AP7000-CTUR 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#: AT32UC3A0128-ALUR Description: IC MCU 32BIT 128KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT311-310-1605 Description: REMOVAL TOOL PLASTIC	Manufacturers: Amphenol Tuchel Electronics	RFQ
	Part#: AT32UC3A0128-ALUT Description: IC MCU 32BIT 128KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT3228ZG10ZS-RV Description: LED 520NM GREEN 3.2X2.8MM SMD	Manufacturers: Kingbright	RFQ
	Part#: AT32AP7000-CTUT Description: IC MCU 32BIT ROMLESS 256CTBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32AP7200-CFUT Description: IC MCU 32BIT ROMLESS 324TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3A0128-CTUR Description: IC MCU 32BIT 128KB FLASH 144BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT3228SE9ZS-RV Description: LED 635 RED-ORN 3.2X2.8MM SMD	Manufacturers: Kingbright	RFQ
	Part#: AT32L64A6SHC4M Description: 256MB DDR1 SINGLE RANK UNBUFFERR	Manufacturers: ATP Electronics, Inc.	RFQ
	Part#: AT32AP7001-ALUT Description: IC MCU 32BIT ROMLESS 208LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT3228SY9ZS-RV Description: LED 598NM YELLOW 3.2X2.8MM SMD	Manufacturers: Kingbright	RFQ
	Part#: AT32AP7200-CFUR 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

Related keywords for **AT32AP7002-CTUR**

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