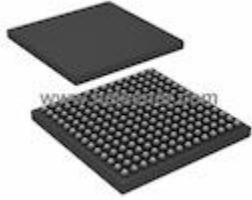


AT32AP7002-CTUR Information


For Reference Only

Part Number [AT32AP7002-CTUR](#)
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT ROMLESS 196CTBGA
Package 196-TFBGA, CSBGA
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


[Request a Quote](#)
Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


AT32AP7002-CTUR Specifications

Manufacturer Part Number	AT32AP7002-CTUR
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	196-TFBGA, CSBGA
Series	AVR?32 AP7
Core Processor	AVR
Core Size	32-Bit
Speed	150MHz
Connectivity	EBI/EMI, I2C, Memory Card, PS/2, SPI, SSC, UART/USART, USB
Peripherals	AC?97, DMA, I2S, LCD, POR, PWM, WDT
Number of I/O	85
Program Memory Size	-
Program Memory Type	ROMless
EEPROM Size	-
RAM Size	32K x 8
Voltage - Supply (Vcc/Vdd)	1.65 V ~ 1.95 V
Data Converters	D/A 2x16b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	196-TFBGA, CSBGA
Supplier Device Package	196-CTBGA

[Report errors?](#)

AT32AP7002-CTUR Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

AT32AP7002-CTUR Payment Methods



AT32AP7002-CTUR Shipping Methods



If you have any question about AT32AP7002-CTUR, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com