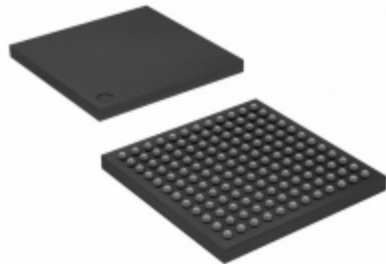


AT32UC3A0256-CTUR



Images are for reference only.
See Product Specifications for product details.
Buy AT32UC3A0256-CTUR with confidence from
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Part Number: [AT32UC3A0256-CTUR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 256KB FLASH 144BGA

Data sheet:  [AT32UC3A Summary](#)
 [AT32UC3A Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

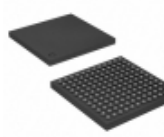
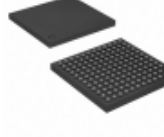
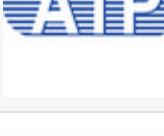
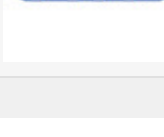
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PRODUCT PARAMETER			
Part Number	AT32UC3A0256-CTUR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 256KB FLASH 144BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10275 pcs	Data sheet	AT32UC3A Summary AT32UC3A Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 3.6 V
Supplier Device Package	144-FFBGA (11x11)	Speed	66MHz
Series	AVR@32 UC3 A0	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	144-TFBGA	Other Names	AT32UC3A0256-CTUR-ND AT32UC3A0256-CTURTR AT32UC3A0256CTUR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	109	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 A0 Microcontroller IC 32-Bit 66MHz 256KB (256K x 8) FLASH 144-FFBGA (11x11)
Data Converters	A/D 8x10b	Core Size	32-Bit
Core Processor	AVR	Connectivity	EBI/EMI, Ethernet, I ² C, SPI, SSC, UART/USART, USB OTG
Base Part Number	AT32UC3A0256		

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	Part#: AT32UC3A0512-CTUT Description: IC MCU 32BIT 512KB FLASH 144BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3A0512-ALUR Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: AT32UC3A0512-ALTT Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: AT32UC3A0256-CTUT Description: IC MCU 32BIT 256KB FLASH 144BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3A0512-ALTTA Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3A0128-ALUR Description: IC MCU 32BIT 128KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32L7238SQB3M Description: 256MB DDR1 SINGLE RANK 200 PIN U	Manufacturers: ATP Electronics, Inc.	RFQ

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