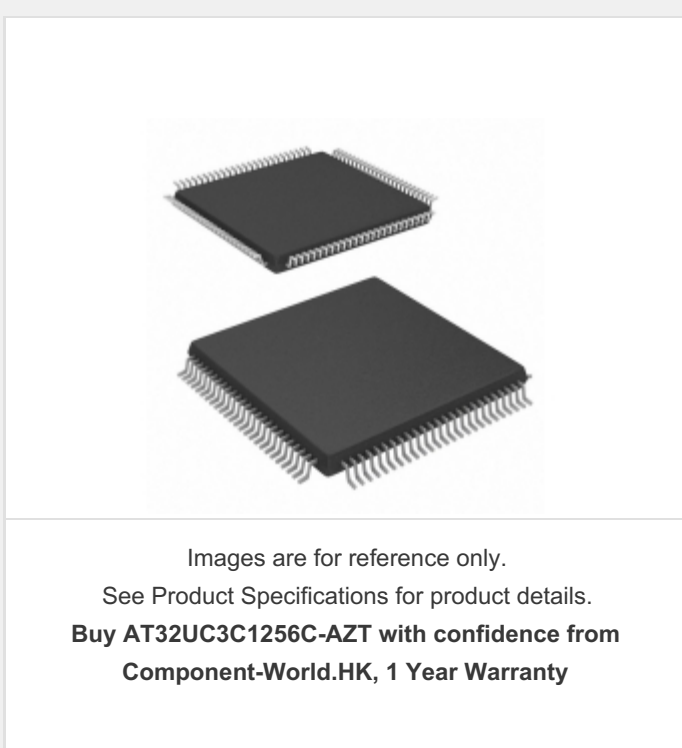


**AT32UC3C1256C-AZT**



**Part Number:** [AT32UC3C1256C-AZT](#)  
**Manufacturer:** [Micrel / Microchip Technology](#)  
**Description:** IC MCU 32BIT 256KB FLASH 100TQFP  
**Data sheet:** [AT32UC3Cyyyyc Automotive Summary](#)  
[AT32UC3Cx512C Automotive Datasheet](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER			
Part Number	AT32UC3C1256C-AZT	Manufacturer	<a href="#">Micrel / Microchip Technology</a>
Description	IC MCU 32BIT 256KB FLASH 100TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10976 pcs	Data sheet	<a href="#">AT32UC3Cyyyyc Automotive Summary</a> <a href="#">AT32UC3Cx512C Automotive Datasheet</a>
Category	<a href="#">Integrated Circuits (ICs)</a>	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Supplier Device Package	100-TQFP (14x14)	Speed	66MHz
Series	Automotive, AEC-Q100, AVR@32 UC3 C	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT	Packaging	Tray
Package / Case	100-TQFP	Other Names	AT32UC3C1256CAZT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	81	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	AVR Automotive, AEC-Q100, AVR@32 UC3 C Microcontroller IC 32-Bit 66MHz 256KB (256K x 8) FLASH 100-TQFP (14x14)	Data Converters	A/D 16x12b, D/A 4x12b
Core Size	32-Bit	Core Processor	AVR
Connectivity	CANbus, Ethernet, I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART, USB	Base Part Number	AT32UC3C1256

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	Part#: <a href="#">AT32UC3C164C-AUR</a> Description: IC MCU 32BIT 64KB FLASH 100TQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">AT32UC3C2128C-A2UT</a> Description: IC MCU 32BIT 128KB FLASH 64TQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">AT32UC3C2128C-A2ZT</a> Description: IC MCU 32BIT 128KB FLASH 64TQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">AT32UC3C164C-AUT</a> Description: IC MCU 32BIT 64KB FLASH 100TQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">AT32UC3C1512C-AUR</a> Description: IC MCU 32BIT 512KB FLASH 100TQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">AT32UC3C1128C-AUT</a> Description: IC MCU 32BIT 128KB FLASH 100TQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">AT32UC3C064C-ALUT</a> Description: IC MCU 32BIT 64KB FLASH 144LQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">AT32UC3C1512C-AZR</a> Description: IC MCU 32BIT 512KB FLASH 100TQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">AT32UC3C1256C-AUR</a> Description: IC MCU 32BIT 256KB FLASH 100TQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">AT32UC3C0512C-ALZT</a> Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">AT32UC3C2128C-A2UR</a> Description: IC MCU 32BIT 128KB FLASH 64TQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">AT32UC3C1256C-AZR</a> Description: IC MCU 32BIT 256KB FLASH 100TQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">AT32UC3C1512C-AUT</a> Description: IC MCU 32BIT 512KB FLASH 100TQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">AT32UC3C2128C-A2ZR</a> Description: IC MCU 32BIT 128KB FLASH 64TQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">AT32UC3C0512C-ALZR</a> Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">AT32UC3C1512C-AZT</a> Description: IC MCU 32BIT 512KB FLASH 100TQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">AT32UC3C064C-ALUR</a> Description: IC MCU 32BIT 64KB FLASH 144LQFP	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
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