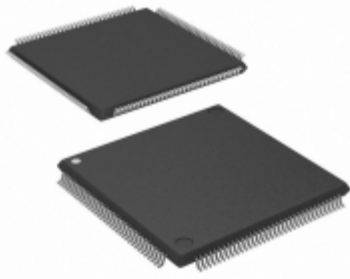


AT32UC3C0512C-ALUR



Images are for reference only.
See Product Specifications for product details.
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Request For Quotation



Part Number: [AT32UC3C0512C-ALUR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 512KB FLASH 144LQFP

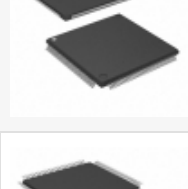
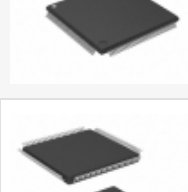
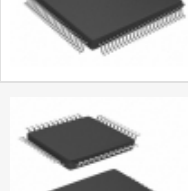
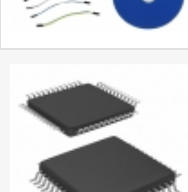
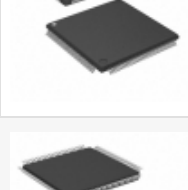
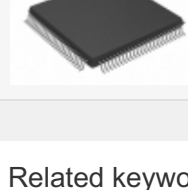
Data sheet:  [AT32UC3C Summary](#)
 [AT32UC3C Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

PRODUCT PARAMETER			
Part Number	AT32UC3C0512C-ALUR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 512KB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	8508 pcs	Data sheet	AT32UC3C Summary AT32UC3C Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Supplier Device Package	144-LQFP (20x20)	Speed	66MHz
Series	AVR®32 UC3 C	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	144-LQFP	Other Names	AT32UC3C0512C-ALUR-ND AT32UC3C0512C-ALURTR AT32UC3C0512CALUR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	123	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	28 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	AVR AVR®32 UC3 C Microcontroller IC 32-Bit 66MHz 512KB (512K x 8) FLASH 144-LQFP (20x20)
Data Converters	A/D 16x12b, D/A 4x12b	Core Size	32-Bit
Core Processor	AVR	Connectivity	CANbus, EBI/EMI, Ethernet, I²C, IrDA, LINbus, SPI, UART/USART, USB
Base Part Number	AT32UC3C0512		
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	Part#: AT32UC3C064C-ALUT Description: IC MCU 32BIT 64KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3C0128C-ALUT Description: IC MCU 32BIT 128KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3C0512C-ALZR Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3C1256C-AUR Description: IC MCU 32BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3B164-Z1UR Description: IC MCU 32BIT 64KB FLASH 48QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3C0512CAU-ALUT Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3C064C-ALUR Description: IC MCU 32BIT 64KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3C0256C-ALUR Description: IC MCU 32BIT 256KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3C1256C-AUT Description: IC MCU 32BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3C0512C-ALZT Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: AT32UC3B164-AUT Description: IC MCU 32BIT 64KB FLASH 48TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3C-EK Description: KIT EVAL AVR32 UC3 MCU IND AUTO	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3B164-AUR Description: IC MCU 32BIT 64KB FLASH 48TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3C0128C-ALUR Description: IC MCU 32BIT 128KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3B164-Z1UT Description: IC MCU 32BIT 64KB FLASH 48QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3C0256C-ALUT Description: IC MCU 32BIT 256KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3C1128C-AUR Description: IC MCU 32BIT 128KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ

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