

AT32UC3C0512C-ALZR





Part Number:

AT32UC3C0512C-ALZR

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 32BIT 512KB FLASH 144LQFP

Data sheet:

 [AT32UC3CyyyyC Automotive Summary](#)

 [AT32UC3Cx512C Automotive Datasheet](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

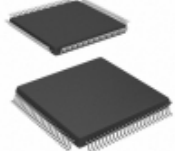
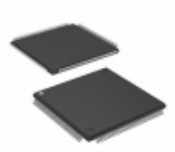
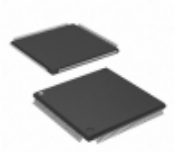
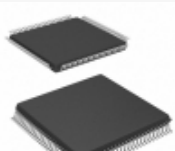
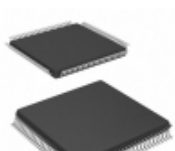
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PRODUCT PARAMETER			
Part Number	AT32UC3C0512C-ALZR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 512KB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10649 pcs	Data sheet	AT32UC3CyyyyC Automotive Summary AT32UC3Cx512C Automotive Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Supplier Device Package	144-LQFP (20x20)	Speed	50MHz
Series	Automotive, AEC-Q100, 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, I ² S, POR, PWM, WDT	Packaging	Cut Tape (CT)
Package / Case	144-LQFP	Other Names	AT32UC3C0512C-ALZRCT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	123	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 50MHz 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, I ² C, IrDA, LINbus, SPI, UART/USART, USB	Base Part Number	AT32UC3C0512
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	Part#: AT32UC3C0512C-ALZT Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: AT32UC3C1256C-AZT Description: IC MCU 32BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ

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