

AT32UC3C0512CAU-ALUT





Part Number: [AT32UC3C0512CAU-ALUT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 512KB FLASH 144LQFP

Data sheet:  [AT32UC3C Summary](#)
 [AT32UC3zzzzzAU Audio Ordering Info](#)
 [AT32UC3C Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

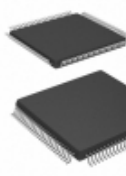
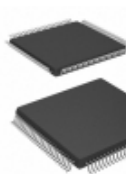
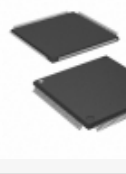
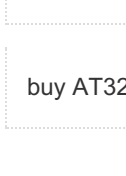
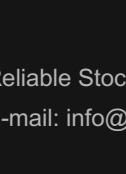
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Request For Quotation

PRODUCT PARAMETER			
Part Number	AT32UC3C0512CAU-ALUT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 512KB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5167 pcs	Data sheet	AT32UC3C Summary AT32UC3zzzzzAU Audio Ordering 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 Audio	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	Tray
Package / Case	144-LQFP	Other Names	AT32UC3C0512CAUALUT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°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 AVR®32 UC3 C Audio 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#: AT32UC3C1128C-AUR Description: IC MCU 32BIT 128KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: AT32UC3C0256C-ALUT Description: IC MCU 32BIT 256KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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