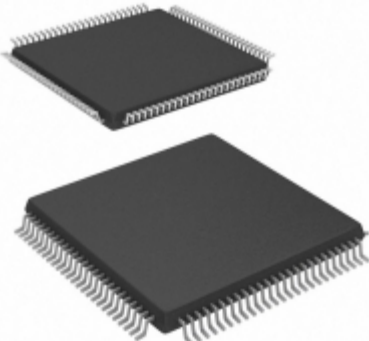


AT32UC3A1512AU-AUR



Images are for reference only.
See Product Specifications for product details.
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Part Number: [AT32UC3A1512AU-AUR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 512KB FLASH 100TQFP

Data sheet:  [AT32UC3A Summary](#)
 [AT32UC3A Datasheet](#)
 [AT32UC3zzzzzAU Audio Ordering Info](#)

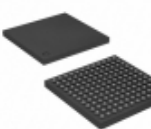
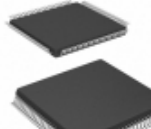
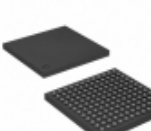
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	AT32UC3A1512AU-AUR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 512KB FLASH 100TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5720 pcs	Data sheet	AT32UC3A Summary AT32UC3A Datasheet AT32UC3zzzzzAU Audio Ordering Info
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.85 V ~ 3.6 V
Supplier Device Package	100-TQFP (14x14)	Speed	66MHz
Series	AVR@32 UC3 A1 Audio	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	100-TQFP	Other Names	AT32UC3A1512AU-AUR-ND AT32UC3A1512AU-AURTR AT32UC3A1512AU-AUR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	69	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	AVR AVR@32 UC3 A1 Audio Microcontroller IC 32-Bit 66MHz 512KB (512K x 8) FLASH 100-TQFP (14x14)	Data Converters	A/D 8x10b
Core Size	32-Bit	Core Processor	AVR
Connectivity	Ethernet, I ² C, SPI, SSC, UART/USART, USB OTG	Base Part Number	AT32UC3A1512
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	Part#: AT32UC3A1512-AUR Description: IC MCU 32BIT 512KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3A3128-CTUT Description: IC MCU 32BIT 128KB FLASH 144BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3A1256-AUR Description: IC MCU 32BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3A3-XPLD Description: KIT DEV/EVAL FOR AT32UC3A3	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: AT32UC3A0512AU-ALUT Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: AT32UC3A1128-AUR Description: IC MCU 32BIT 128KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3A3128-ALUT Description: IC MCU 32BIT 128KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3A3128S-ALUT Description: IC MCU 32BIT 128KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3A1256AU-AUR Description: IC MCU 32BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: AT32UC3A1128-AUT Description: IC MCU 32BIT 128KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3A3128S-CTUT Description: IC MCU 32BIT 128KB FLASH 144BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3A1256-AUT Description: IC MCU 32BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ

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