

AT32UC3A3256S-ALUR





Part Number: [AT32UC3A3256S-ALUR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 256KB FLASH 144LQFP

Data sheet:  [AT32UC3Azzz\(S\) Complete](#)
 [AT32UC3Azzz\(S\) Summary](#)

RoHs Status: Lead free / RoHS Compliant

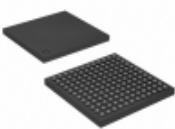
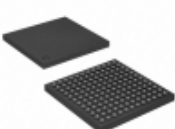
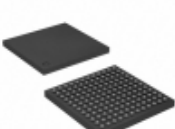
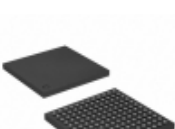
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PRODUCT PARAMETER			
Part Number	AT32UC3A3256S-ALUR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 256KB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	16861 pcs	Data sheet	AT32UC3Azzz(S) Complete AT32UC3Azzz(S) Summary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.75 V ~ 3.6 V
Supplier Device Package	144-LQFP (20x20)	Speed	66MHz
Series	AVR®32 UC3 A3	RAM Size	128K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, WDT	Packaging	Cut Tape (CT)
Package / Case	144-LQFP	Other Names	1611-AT32UC3A3256S-ALURCT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	110	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	16 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	AVR AVR®32 UC3 A3 Microcontroller IC 32-Bit 66MHz 256KB (256K x 8) FLASH 144-LQFP (20x20)
Data Converters	A/D 8x10b	Core Size	32-Bit
Core Processor	AVR	Connectivity	EBI/EMI, I²C, IrDA, Memory Card, SPI, SSC, UART/USART, USB OTG
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	Part#: AT32UC3A3256-CTUR Description: IC MCU 32BIT 256KB FLASH 144BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3A364S-ALUR Description: IC MCU 32BIT 64KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: AT32UC3A364-CTUR Description: IC MCU 32BIT 64KB FLASH 144FFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3A364-ALUT Description: IC MCU 32BIT 64KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: AT32UC3A3128S-CTUT Description: IC MCU 32BIT 128KB FLASH 144BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3A364S-CTUR Description: IC MCU 32BIT 64KB FLASH 144FFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3A3128-CTUT Description: IC MCU 32BIT 128KB FLASH 144BGA	Manufacturers: Micrel / Microchip Technology	RFQ
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