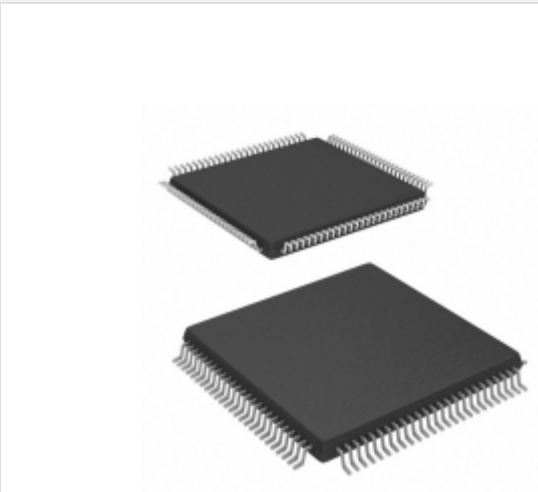


AT32UC3A1256-AUT





Part Number: [AT32UC3A1256-AUT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 256KB FLASH 100TQFP

Data sheet:  [AT32UC3A Summary](#)
 [AT32UC3A Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

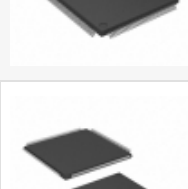
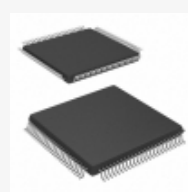
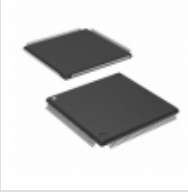
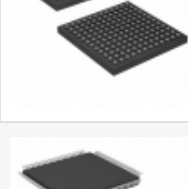
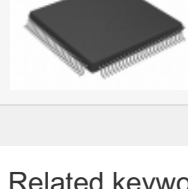
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PRODUCT PARAMETER			
Part Number	AT32UC3A1256-AUT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 256KB FLASH 100TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	12467 pcs	Data sheet	AT32UC3A Summary AT32UC3A Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 3.6 V
Supplier Device Package	100-TQFP (14x14)	Speed	66MHz
Series	AVR®32 UC3 A1	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tray
Package / Case	100-TQFP	Other Names	AT32UC3A1256AUT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	69	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	AVR AVR®32 UC3 A1 Microcontroller IC 32-Bit 66MHz 256KB (256K x 8) FLASH 100-TQFP (14x14)
Data Converters	A/D 8x10b	Core Size	32-Bit
Core Processor	AVR	Connectivity	Ethernet, I²C, SPI, SSC, UART/USART, USB OTG
Base Part Number	AT32UC3A1256		
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	Part#: AT32UC3A0512-ALUT Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT32UC3A3128-CTUR Description: IC MCU 32BIT 128KB FLASH 144BGA	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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