

AT91SAM7XC256-AU



Part Number: [AT91SAM7XC256-AU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 256KB FLASH 100LQFP

Data sheet:  [AT91SAM7XC128/256/512 Datasheet](#)
 [AT91SAM7XC128/256/512 Summary](#)

RoHs Status: Lead free / RoHS Compliant

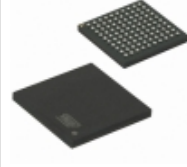
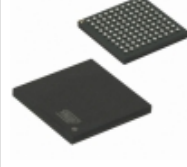
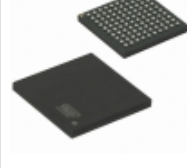
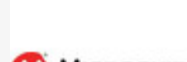
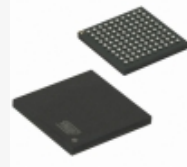
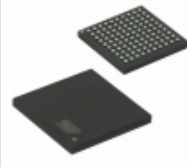
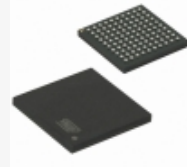
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PRODUCT PARAMETER			
Part Number	AT91SAM7XC256-AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 256KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5233 pcs	Data sheet	AT91SAM7XC128/256/512 Datasheet AT91SAM7XC128/256/512 Summary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 1.95 V
Supplier Device Package	100-LQFP (14x14)	Speed	55MHz
Series	SAM7XC	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	100-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	62
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM7® SAM7XC Microcontroller IC 16/32-Bit 55MHz 256KB (256K x 8) FLASH 100-LQFP (14x14)
Data Converters	A/D 8x10b	Core Size	16/32-Bit
Core Processor	ARM7®	Connectivity	CANbus, Ethernet, I²C, SPI, SSC, UART/USART, USB
Base Part Number	AT91SAM7XC256		
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	Part#: AT91SAM7XC256B-CU Description: IC MCU 32BIT 256KB FLASH 100BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT91SAM7XC512B-AU Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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