



Micrel / Microchip Technology

## AT91SAM7XC256B-CU-999

Part Number:	AT91SAM7XC256B-CU-999
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 256KB FLASH 100BGA
Datasheets:	<a href="#">1.AT91SAM7XC256B-CU-999.pdf</a> <a href="#">2.AT91SAM7XC256B-CU-999.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	6311 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

### Specifications of AT91SAM7XC256B-CU-999

PART NUMBER	AT91SAM7XC256B-CU-999
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 256KB FLASH 100BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6311 pcs
DATA SHEET	<a href="#">1.AT91SAM7XC256B-CU-999.pdf</a> <a href="#">2.AT91SAM7XC256B-CU-999.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.65 V ~ 1.95 V
SUPPLIER DEVICE PACKAGE	100-TFBGA (9x9)
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	Tape & Reel (TR)
PACKAGE / CASE	100-TFBGA
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-TFBGA (9x9)
DATA CONVERTERS	A/D 8x10b
CORE SIZE	16/32-Bit
CORE PROCESSOR	ARM7®
CONNECTIVITY	CANbus, Ethernet, I <sup>2</sup> C, SPI, SSC, UART/USART, USB
BASE PART NUMBER	AT91SAM7XC256

### Related Tags

Micrel / Microchip Technology AT91SAM7XC256B-CU-999	AT91SAM7XC256B-CU-999 Distributor	AT91SAM7XC256B-CU-999 Supplier
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### Related Products

<p><b>AT91SAM7XC256-CU-999</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 256KB FLASH 100BGA                  In stock: 3645 pcs  <a href="#">RFQ</a></p>	<p><b>AT91SAM7XC512B-AUR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100LQFP                  In stock: 3816 pcs  <a href="#">RFQ</a></p>
<p><b>AT91SAM7XC512B-CU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100BGA                  In stock: 7724 pcs  <a href="#">RFQ</a></p>	<p><b>AT91SAM9260B-CU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 32KB ROM 217BGA                  In stock: 10901 pcs  <a href="#">RFQ</a></p>
<p><b>AT91SAM7XC256-AU-999</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 256KB FLASH 100LQFP                  In stock: 3387 pcs  <a href="#">RFQ</a></p>	<p><b>AT91SAM7XC256-CU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 256KB FLASH 100BGA                  In stock: 5857 pcs  <a href="#">RFQ</a></p>
<p><b>AT91SAM7XC256B-CU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 256KB FLASH 100BGA                  In stock: 4973 pcs  <a href="#">RFQ</a></p>	<p><b>AT91SAM7XC256B-AU-999</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 256KB FLASH 100LQFP                  In stock: 2986 pcs  <a href="#">RFQ</a></p>
<p><b>AT91SAM7XC512-CU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100BGA                  In stock: 5167 pcs  <a href="#">RFQ</a></p>	<p><b>AT91SAM7XC256B-AU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 256KB FLASH 100LQFP                  In stock: 4886 pcs  <a href="#">RFQ</a></p>
<p><b>AT91SAM9260-EK</b>                  Manufacturers: Micrel / Microchip Technology                  Description: KIT EVAL FOR AT91SAM9260                  In stock: 6742 pcs  <a href="#">RFQ</a></p>	<p><b>AT91SAM7XC512B-AU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100LQFP                  In stock: 7500 pcs  <a href="#">RFQ</a></p>