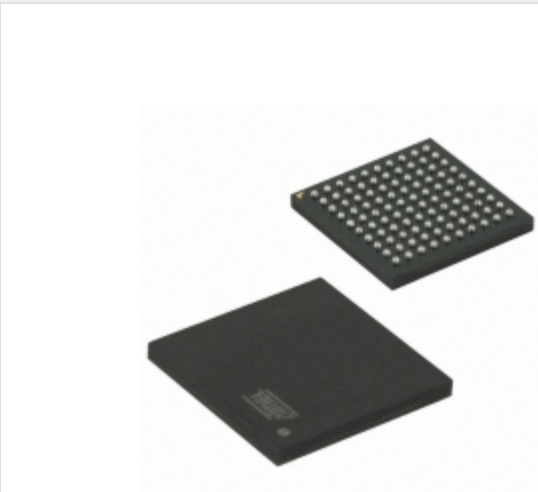


AT91SAM7XC256B-CU-999





Part Number:

AT91SAM7XC256B-CU-999

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 32BIT 256KB FLASH 100BGA

Data sheet:

 [AT91SAM7XC128/256/512 Datasheet](#)

 [AT91SAM7XC128/256/512 Summary](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

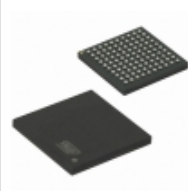
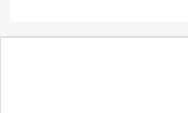
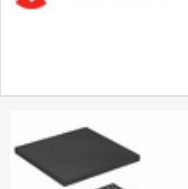
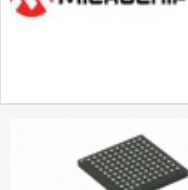
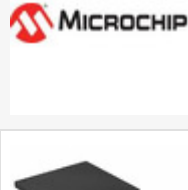
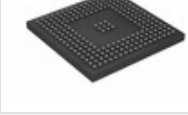
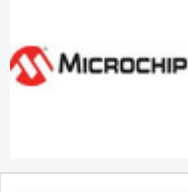
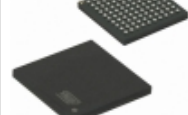
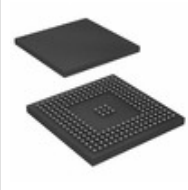
Shipment Way:

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Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                            |                                |                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | AT91SAM7XC256B-CU-999                      | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 32BIT 256KB FLASH 100BGA            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 5041 pcs                                   | Data sheet                     | <a href="#">AT91SAM7XC128/256/512 Datasheet</a><br><a href="#">AT91SAM7XC128/256/512 Summary</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</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, I²C, SPI, SSC, UART/USART, USB                                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | AT91SAM7XC256                              |                                |                                                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                               |                                                              |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">AT91SAM9260B-QU</a><br>Description: IC MCU 32BIT 32KB ROM 208QFP           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7XC256-CU-999</a><br>Description: IC MCU 32BIT 256KB FLASH 100BGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7XC512B-AUR</a><br>Description: IC MCU 32BIT 512KB FLASH 100LQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM9260-EK</a><br>Description: KIT EVAL FOR AT91SAM9260                | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7XC256-CU</a><br>Description: IC MCU 32BIT 256KB FLASH 100BGA       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7XC512B-AU</a><br>Description: IC MCU 32BIT 512KB FLASH 100LQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7XC256-AU</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM9260B-CU-999</a><br>Description: IC MCU 32BIT 32KB ROM 217BGA       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7XC512B-CU</a><br>Description: IC MCU 32BIT 512KB FLASH 100BGA      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7XC512-CU</a><br>Description: IC MCU 32BIT 512KB FLASH 100BGA       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7XC256B-AU</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7XC128B-CU-999</a><br>Description: IC MCU 32BIT 128KB FLASH 100BGA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM9260B-CU</a><br>Description: IC MCU 32BIT 32KB ROM 217BGA           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7XC256B-AU-999</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM9261-CJ</a><br>Description: IC MCU 32BIT 32KB ROM 217BGA            | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7XC128B-AUR</a><br>Description: IC MCU 32BIT 128KB FLASH 100LQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7XC256B-CU</a><br>Description: IC MCU 32BIT 256KB FLASH 100BGA      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7XC256-AU-999</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM9260B-CU-100</a><br>Description: IC MCU 32BIT 32KB ROM 217BGA       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT91SAM7XC128B-CU</a><br>Description: IC MCU 32BIT 128KB FLASH 100BGA      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

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