



AT91SAM7XC512B-CU

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT91SAM7XC512B-CU                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 512KB FLASH 100BGA                                                                              |
| Datasheets:         |  AT91SAM7XC512B-CU.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

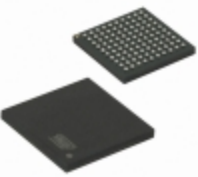
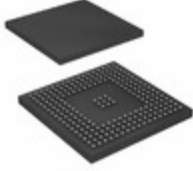
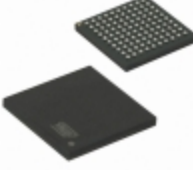
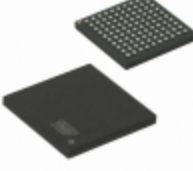
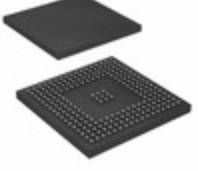
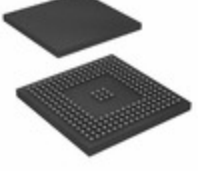
Specifications of AT91SAM7XC512B-CU

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT91SAM7XC512B-CU                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                             |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 100BGA                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| DATA SHEET                       |  AT91SAM7XC512B-CU.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 1.95 V                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 100-TFBGA (9x9)                                                                                           |
| SPEED                            | 55MHz                                                                                                     |
| SERIES                           | SAM7XC                                                                                                    |
| RAM SIZE                         | 128K x 8                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                     |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                          |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                |
| PACKAGING                        | Tray                                                                                                      |
| PACKAGE / CASE                   | 100-TFBGA                                                                                                 |
| OTHER NAMES                      | 1611-AT91SAM7XC512B-CU                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                         |
| NUMBER OF I/O                    | 62                                                                                                        |
| 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             | ARM7® SAM7XC Microcontroller IC 16/32-Bit 55MHz 512KB (512K 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                                                          |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology AT91SAM7XC512B-CU | AT91SAM7XC512B-CU Distributor          | AT91SAM7XC512B-CU Supplier                               |
| AT91SAM7XC512B-CU Price                         | AT91SAM7XC512B-CU Pictures             | AT91SAM7XC512B-CU Image                                  |
| AT91SAM7XC512B-CU PDF Datasheet                 | AT91SAM7XC512B-CU Download Datasheet   | AT91SAM7XC512B-CU Datasheet                              |
| AT91SAM7XC512B-CU Stock                         | Buy AT91SAM7XC512B-CU                  | Buy Micrel / Microchip Technology AT91SAM7XC512B-CU      |
| Micrel / Microchip Technology AT91SAM7XC512B-CU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology AT91SAM7XC512B-CU | Microchip Technology AT91SAM7XC512B-CU | Roving Networks / Microchip Technology AT91SAM7XC512B-CU |

Related Products

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| <div></div> <div><b>AT91SAM9260B-CU-999</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 32KB ROM 217BGA<br/>In stock: 3 pcs<br/><div>RFQ</div></div>                    | <div></div> <div><b>AT91SAM7XC256B-CU-999</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 100BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>AT91SAM9260B-CU-999</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB ROM 217BGA<br/>In stock: 500 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>AT91SAM7XC512B-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
| <div></div> <div><b>AT91SAM7XC256B-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 100BGA<br/>In stock: 17 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>AT91SAM7XC512B-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>AT91SAM7XC512-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>       | <div></div> <div><b>AT91SAM9260B-CU-100</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB ROM 217BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
| <div></div> <div><b>AT91SAM9260B-QU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB ROM 208QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>           | <div></div> <div><b>AT91SAM9260B-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB ROM 217BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>          |
| <div></div> <div><b>AT91SAM7XC256B-AU-999</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>AT91SAM9260-EK</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: KIT EVAL FOR AT91SAM9260<br/>In stock: Out stock<br/><div>RFQ</div></div>               |