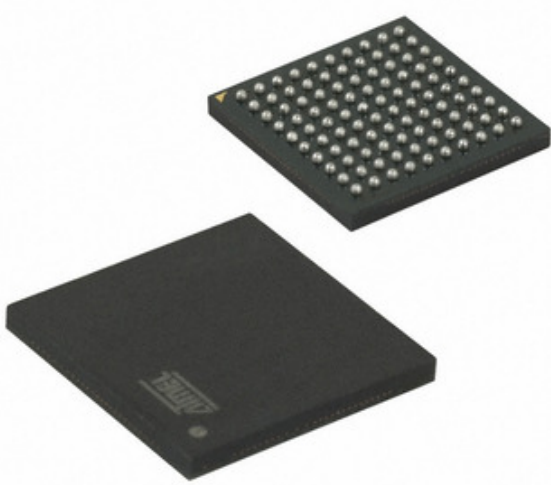




Micrel / Microchip Technology



AT91SAM7XC128-CU-999

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT91SAM7XC128-CU-999                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 128KB FLASH 100BGA                                                                              |
| Datasheets:         |  1.AT91SAM7XC128-CU-999.pdf |
|                     |  2.AT91SAM7XC128-CU-999.pdf |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

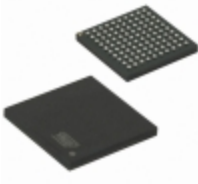
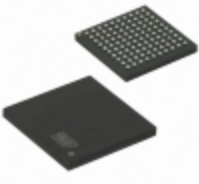
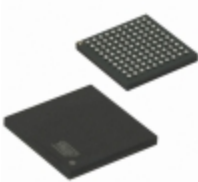
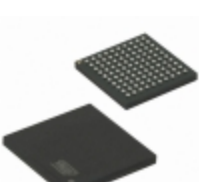
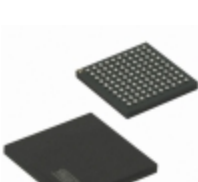
Specifications of AT91SAM7XC128-CU-999

|                                  |                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT91SAM7XC128-CU-999                                                                                                                                                                                                             |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 100BGA                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                       |
| DATA SHEET                       |  1.AT91SAM7XC128-CU-999.pdf<br> 2.AT91SAM7XC128-CU-999.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.65 V ~ 1.95 V                                                                                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 100-TFBGA (9x9)                                                                                                                                                                                                                  |
| SPEED                            | 55MHz                                                                                                                                                                                                                            |
| SERIES                           | SAM7XC                                                                                                                                                                                                                           |
| RAM SIZE                         | 32K x 8                                                                                                                                                                                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                            |
| PROGRAM MEMORY SIZE              | 128KB (128K 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 128KB (128K 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                 | AT91SAM7XC128                                                                                                                                                                                                                    |

Related Tags

|                                                    |                                           |                                                             |
|----------------------------------------------------|-------------------------------------------|-------------------------------------------------------------|
| Micrel / Microchip Technology AT91SAM7XC128-CU-999 | AT91SAM7XC128-CU-999 Distributor          | AT91SAM7XC128-CU-999 Supplier                               |
| AT91SAM7XC128-CU-999 Price                         | AT91SAM7XC128-CU-999 Pictures             | AT91SAM7XC128-CU-999 Image                                  |
| AT91SAM7XC128-CU-999 PDF Datasheet                 | AT91SAM7XC128-CU-999 Download Datasheet   | AT91SAM7XC128-CU-999 Datasheet                              |
| AT91SAM7XC128-CU-999 Stock                         | Buy AT91SAM7XC128-CU-999                  | Buy Micrel / Microchip Technology AT91SAM7XC128-CU-999      |
| Micrel / Microchip Technology AT91SAM7XC128-CU-999 | Micrel / Microchip Technology Supplier    | Micrel / Microchip Technology Distributor                   |
| Micrel / Microchip Technology AT91SAM7XC128-CU-999 | Microchip Technology AT91SAM7XC128-CU-999 | Roving Networks / Microchip Technology AT91SAM7XC128-CU-999 |

Related Products

|                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>AT91SAM7X512B-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100BGA<br/>In stock: 542 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>AT91SAM7XC128B-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 100BGA<br/>In stock: 259 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>AT91SAM7XC128-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 100BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>       | <div></div> <div><b>AT91SAM7XC128-AU-999</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>AT91SAM7XC128B-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 647 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>AT91SAM7XC-EK</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: KIT EVAL FOR AT91SAM7XC256/128<br/>In stock: Out stock<br/><div>RFQ</div></div>          |
| <div></div> <div><b>AT91SAM7XC128-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>      | <div></div> <div><b>AT91SAM7XC128B-CU-999</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 100BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>AT91SAM7X512B-CUR</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>AT91SAM7XC128B-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
| <div></div> <div><b>AT91SAM7XC128B-AU-999</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>AT91SAM7XC256-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |