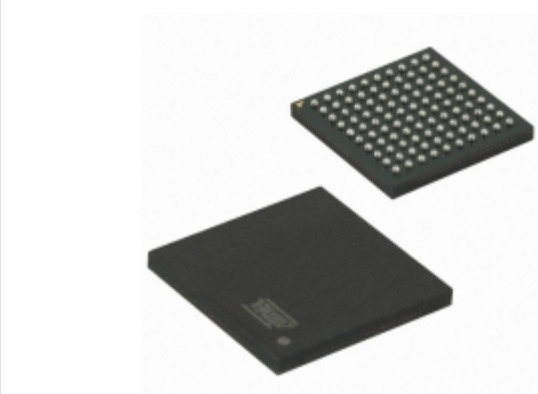


ATSAM4S2CB-CNR





Part Number: [ATSAM4S2CB-CNR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: FLASH,64K SRAM

Data sheet:  [SAM4S Series Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

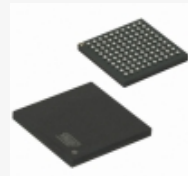
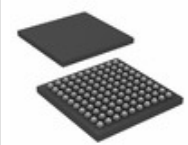
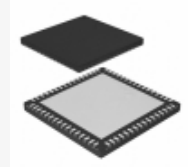
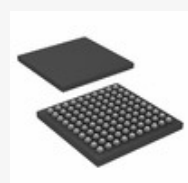
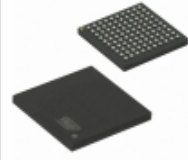
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                  |                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                             | ATSAM4S2CB-CNR                             | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                             | FLASH,64K SRAM                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                      | 36812 pcs                                  | Data sheet                       | <a href="#">SAM4S Series Datasheet</a>                                                        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>  | Voltage - Supply (Vcc/Vdd)       | 1.62 V ~ 3.6 V                                                                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                 | 100-TFBGA (9x9)                            | Speed                            | 120MHz                                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                  | SAM4S                                      | RAM Size                         | 64K 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                                  | Other Names                      | ATSAM4S2CB-CNR-TR                                                                             |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                         | Internal                                   | Operating Temperature            | -40°C ~ 105°C (TA)                                                                            |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                           | 79                                         | 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             | ARM® Cortex®-M4 SAM4S Microcontroller IC 32-Bit 120MHz 128KB (128K x 8) FLASH 100-TFBGA (9x9) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                         | A/D 16x12b, D/A 2x12b                      | Core Size                        | 32-Bit                                                                                        |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                          | ARM® Cortex®-M4                            | Connectivity                     | EBI/EMI, I²C, IrDA, Memory Card, SPI, SSC, UART/USART, USB                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 36812 pieces of Micrel / Microchip Technology ATSAM4S2CB-CNR in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                            |                                  |                                                                                               |

| RELATED PRODUCTS                                                                   |                                                                                       |                                                              |     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------|-----|
|  | Part#: <a href="#">ATSAM4S4AB-MN</a><br>Description: IC MCU 32BIT 256KB FLASH 48QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATSAM4S2CB-CN</a><br>Description: FLASH,64K SRAM                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATSAM4S2CA-CFU</a><br>Description: IC MCU 32BIT 128KB FLASH 100BGA | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATSAM4S2BB-MNR</a><br>Description: FLASH,64K SRAM                  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATSAM4S4BA-AN</a><br>Description: IC MCU 32BIT 256KB FLASH 64LQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATSAM4S4AB-MNR</a><br>Description: FLASH,64K SRAM                  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATSAM4S2CA-AU</a><br>Description: IC MCU 32BIT 128KB FLASH 100LQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATSAM4S2CB-AN</a><br>Description: FLASH,64K SRAM                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATSAM4S4AA-MU</a><br>Description: IC MCU 32BIT 256KB FLASH 48QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATSAM4S2CB-CFNR</a><br>Description: FLASH,64K SRAM                 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATSAM4S2CA-CU</a><br>Description: FLASH,64K SRAM                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATSAM4S4AB-AN</a><br>Description: IC MCU 32BIT 256KB FLASH 48LQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATSAM4S2CB-CFN</a><br>Description: FLASH,64K SRAM                  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATSAM4S4AA-AN</a><br>Description: IC MCU 32BIT 256KB FLASH 48LQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATSAM4S2CB-ANR</a><br>Description: FLASH,64K SRAM                  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATSAM4S4AA-AU</a><br>Description: IC MCU 32BIT 256KB FLASH 48LQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATSAM4S4BA-AUR</a><br>Description: IC MCU 32BIT 256KB FLASH 64LQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATSAM4S4AB-ANR</a><br>Description: FLASH,64K SRAM                  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATSAM4S2BB-UUR</a><br>Description: FLASH,64K SRAM                  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATSAM4S4BA-AU</a><br>Description: IC MCU 32BIT 256KB FLASH 64LQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |

| Related keywords for ATSAM4S2CB-CNR          |                                     |                                        |                      |
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