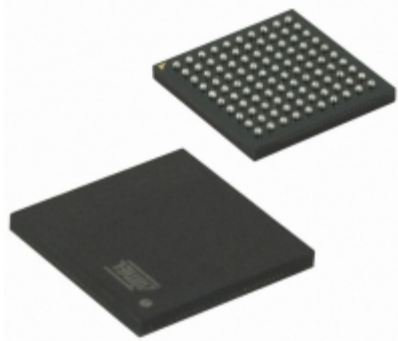


ATSAM4S4CA-CU





Part Number:

ATSAM4S4CA-CU

Manufacturer

Micrel / Microchip Technology

Description

IC MCU 32BIT 256KB FLASH 100BGA

Data sheet:

 [SAM4S Series Datasheet](#)

 [SAM4S Flyer](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

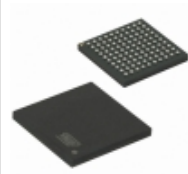
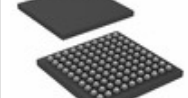
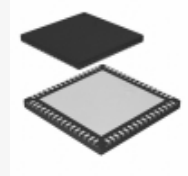
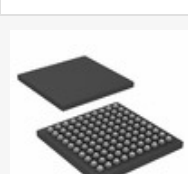
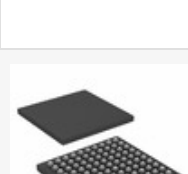
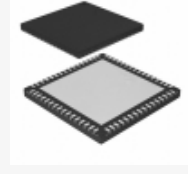
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy ATSAM4S4CA-CU with confidence from  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                               |                                 |                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ATSAM4S4CA-CU                                                                                 | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 30170 pcs                                                                                     | Data sheet                      | <a href="#">SAM4S Series Datasheet</a><br><a href="#">SAM4S Flyer</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             | 256KB (256K x 8)                                                      |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                    | Packaging                       | Tray                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 100-TFBGA                                                                                     | Oscillator Type                 | Internal                                                              |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -40°C ~ 85°C (TA)                                                                             | Number of I/O                   | 79                                                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3 (168 Hours)                                                                                 | Manufacturer Standard Lead Time | 13 Weeks                                                              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Lead free / RoHS Compliant                                                                    | EEPROM Size                     | -                                                                     |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ARM® Cortex®-M4 SAM4S Microcontroller IC 32-Bit 120MHz 256KB (256K 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                                    | Base Part Number                | ATSAM4S4                                                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 30170 pieces of Micrel / Microchip Technology ATSAM4S4CA-CU 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: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                               |                                 |                                                                       |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                              |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ATSAM4S4BB-AN</a><br>Description: IC MCU 32BIT 256KB FLASH 64LQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4S4CB-ANR</a><br>Description: FLASH,64K SRAM                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4S4CA-AUR</a><br>Description: FLASH,64K SRAM                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4S4CB-AN</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4S4BB-ANR</a><br>Description: FLASH,64K SRAM                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4S4BA-UUR</a><br>Description: IC MCU 32BIT 256KB FLASH 64WLCSP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4S8BA-AN</a><br>Description: IC MCU 32BIT 512KB FLASH 64LQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4S4CA-AU</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4S4CB-CN</a><br>Description: IC MCU 32BIT 256KB FLASH 100BGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4S8BA-AUR</a><br>Description: IC MCU 32BIT 512KB FLASH 64LQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4S8BA-ANR</a><br>Description: IC MCU 32BIT 512KB FLASH 64LQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4S4BB-UUR</a><br>Description: FLASH,64K SRAM                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4S4CB-CFNr</a><br>Description: FLASH,64K SRAM                  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4S4BB-MNR</a><br>Description: FLASH,64K SRAM                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4S8BA-AU</a><br>Description: IC MCU 32BIT 512KB FLASH 64LQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4S4CA-CFU</a><br>Description: IC MCU 32BIT 256KB FLASH 100BGA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4S4CA-AN</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4S4CB-CFN</a><br>Description: IC MCU 32BIT 256KB FLASH 100BGA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4S4CB-CNR</a><br>Description: FLASH,64K SRAM                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4S4BB-MN</a><br>Description: FLASH,64K SRAM                    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for ATSAM4S4CA-CU

|                                             |                                    |                                                         |                     |
|---------------------------------------------|------------------------------------|---------------------------------------------------------|---------------------|
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