

ATSAM4SD32CA-CU





Part Number:

ATSAM4SD32CA-CU

Manufacturer

Micrel / Microchip Technology

Description

IC MCU 32BIT 2MB FLASH 100TFBGA

Data sheet:

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

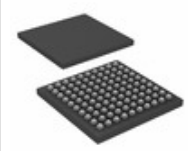
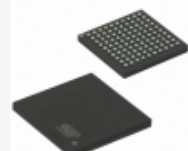
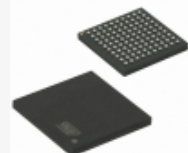
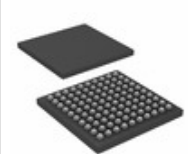
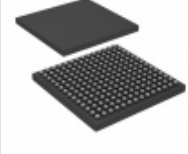
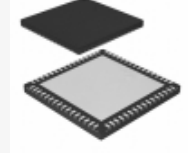
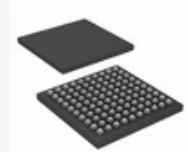
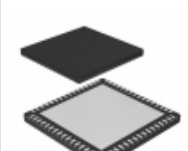
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy ATSAM4SD32CA-CU with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                           |                                 |                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------|-------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                              | ATSAM4SD32CA-CU                                                                           | Manufacturer                    | Micrel / Microchip Technology |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 32BIT 2MB FLASH 100TFBGA                                                           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                       | 11947 pcs                                                                                 | Data sheet                      |                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                 | Integrated Circuits (ICs)                                                                 | Voltage - Supply (Vcc/Vdd)      | 1.62 V ~ 3.6 V                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                  | 100-TFBGA (9x9)                                                                           | Speed                           | 120MHz                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                   | SAM4S                                                                                     | RAM Size                        | 160K x 8                      |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                      | FLASH                                                                                     | Program Memory Size             | 2MB (2M 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 | 10 Weeks                      |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                                                                | EEPROM Size                     | -                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                     | ARM® Cortex®-M4 SAM4S Microcontroller IC 32-Bit 120MHz 2MB (2M 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                | ATSAM4SD32                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 11947 pieces of Micrel / Microchip Technology ATSAM4SD32CA-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: info@Components-World.com |                                                                                           |                                 |                               |

| RELATED PRODUCTS                                                                   |                                                                                          |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ATSAM4SD32CB-CFNR</a><br>Description: FLASH,160K SRAM                 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD32Ca-CUR</a><br>Description: IC MCU 32BIT 2MB FLASH 100TFBGA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD32CB-AN</a><br>Description: FLASH,160K SRAM                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD32CB-CN</a><br>Description: FLASH,160K SRAM                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD32CA-CFUR</a><br>Description: IC MCU 32BIT 2MB FLASH 100VFBGA | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SP32AEK-99</a><br>Description: 2 ATSAM4SP32AMB BOARDS           | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMA5D2-XULT</a><br>Description: KIT EVAL EXPLAIND ULTRA SAMA5D2    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD32CA-AN</a><br>Description: IC MCU 32BIT 2MB FLASH 64LQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMA5D21A-CU</a><br>Description: IC MCU 32BIT EXT MEM 196TFBGA      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD32BB-MN</a><br>Description: FLASH,160K SRAM                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD32BB-UUR</a><br>Description: FLASH,160K SRAM                  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD32CB-CFN</a><br>Description: FLASH,160K SRAM                  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD32CA-AU</a><br>Description: IC MCU 32BIT 2MB FLASH 100LQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD32BB-AN</a><br>Description: FLASH,160K SRAM                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD32BB-MNR</a><br>Description: FLASH,160K SRAM                  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD32CA-AUR</a><br>Description: IC MCU 32BIT 2MB FLASH 100LQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD32CA-ANR</a><br>Description: IC MCU 32BIT 2MB FLASH 64LQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD32CA-CFU</a><br>Description: IC MCU 32BIT 2MB FLASH 100VFBGA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SP32A-ANU-Y</a><br>Description: IC MCU 32BIT 2MB FLASH 128LQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD32CB-ANR</a><br>Description: FLASH,160K SRAM                  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for ATSAM4SD32CA-CU

|                                               |                                      |                                        |                       |
|-----------------------------------------------|--------------------------------------|----------------------------------------|-----------------------|
| Micrel / Microchip Technology ATSAM4SD32CA-CU | ATSAM4SD32CA-CU distributor          | ATSAM4SD32CA-CU supplier               | ATSAM4SD32CA-CU price |
| ATSAM4SD32CA-CU download datasheet            | ATSAM4SD32CA-CU datasheet            | ATSAM4SD32CA-CU stock                  | buy ATSAM4SD32CA-CU   |
| Micrel / Microchip Technology ATSAM4SD32CA-CU | Microchip Technology ATSAM4SD32CA-CU | Roving Networks / Microchip Technology | ATSAM4SD32CA-CU       |