

ATSAM4SD32CB-ANR



Part Number:

ATSAM4SD32CB-ANR

Manufacturer:

Micrel / Microchip Technology

Description:

FLASH,160K SRAM

Data sheet:

 [SAM4S Series Datasheet](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

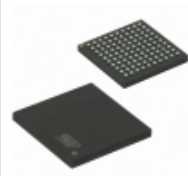
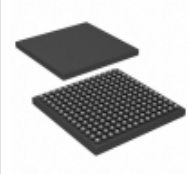
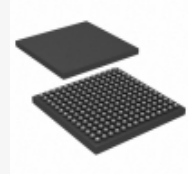
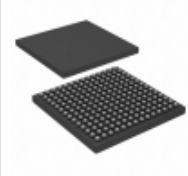
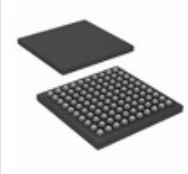
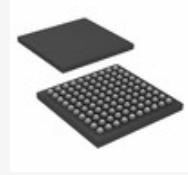
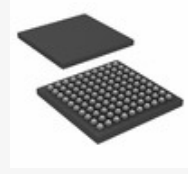
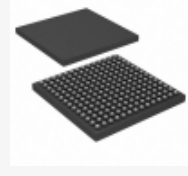
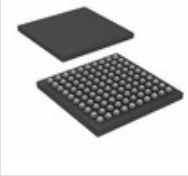
Shipment Way:

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                            |                                  |                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ATSAM4SD32CB-ANR                           | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | FLASH,160K SRAM                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 12563 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-LQFP (14x14)                           | 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                        | Cut Tape (CT)                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 100-LQFP                                   | Other Names                      | ATSAM4SD32CB-ANR-CT                                                                        |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7 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-LQFP (14x14) |
| 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                                 |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ATSAM4SD32CA-CU</a><br>Description: IC MCU 32BIT 2MB FLASH 100TFBGA   | 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="#">ATSAMA5D21B-CUR</a><br>Description: IC MCU 32BIT EXT MEM 196TFBGA     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ATSAMA5D21A-CUR</a><br>Description: IC MCU 32BIT EXT MEM 196TFBGA     | 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-CFNR</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="#">ATSAMA5D2-XULT</a><br>Description: KIT EVAL EXPLAIND ULTRA SAMA5D2    | 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="#">ATSAM4SD32CA-AUR</a><br>Description: IC MCU 32BIT 2MB FLASH 100LQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAMA5D21B-CU</a><br>Description: IC MCU 32BIT EXT MEM 196TFBGA      | 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="#">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-CFN</a><br>Description: FLASH,160K SRAM                  | 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-AN</a><br>Description: IC MCU 32BIT 2MB FLASH 64LQFP     | 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="#">ATSAM4SD32CB-CN</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> |

| Related keywords for ATSAM4SD32CB-ANR          |                                                |                                       |                                        |  |
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