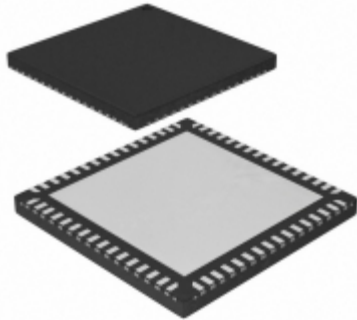


ATSAM4SD16BB-MNR



Images are for reference only.  
See Product Specifications for product details.  
Buy ATSAM4SD16BB-MNR with confidence from  
Component-World.HK, 1 Year Warranty



Part Number: [ATSAM4SD16BB-MNR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: FLASH,160K SRAM

Data sheet:  [SAM4S Series Datasheet](#)

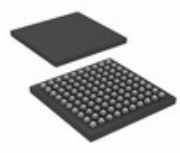
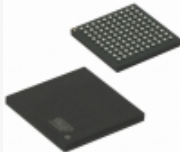
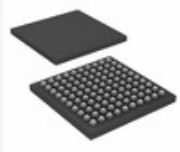
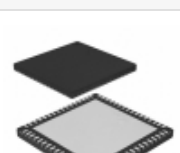
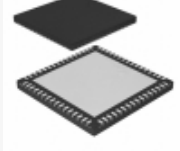
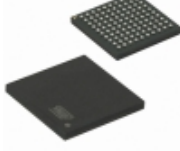
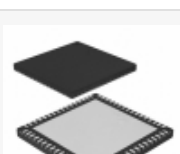
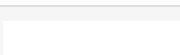
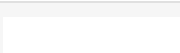
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                            |                                  |                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ATSAM4SD16BB-MNR                           | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | FLASH,160K SRAM                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 16997 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 64-VQFN (9x9)                              | Speed                            | 120MHz                                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | SAM4S                                      | RAM Size                         | 160K x 8                                                                                |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FLASH                                      | Program Memory Size              | 1MB (1M x 8)                                                                            |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Brown-out Detect/Reset, DMA, POR, PWM, WDT | Packaging                        | Cut Tape (CT)                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 64-VFQFN Exposed Pad                       | Other Names                      | ATSAM4SD16BB-MNR-CT                                                                     |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Internal                                   | Operating Temperature            | -40°C ~ 105°C (TA)                                                                      |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 47                                         | 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 1MB (1M x 8) FLASH 64-VQFN (9x9) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A/D 11x12b, D/A 2x12b                      | Core Size                        | 32-Bit                                                                                  |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ARM® Cortex®-M4                            | Connectivity                     | PC, 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 16997 pieces of Micrel / Microchip Technology ATSAM4SD16BB-MNR 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="#">ATSAM4SD16BA-AU</a><br>Description: IC MCU 32BIT 1MB FLASH 64LQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD16CB-AN</a><br>Description: FLASH,160K SRAM                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD16CA-CFUR</a><br>Description: IC MCU 32BIT 1MB FLASH 100VFBGA | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD16CA-AUR</a><br>Description: IC MCU 32BIT 1MB FLASH 100LQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD16BA-AUR</a><br>Description: IC MCU 32BIT 1MB FLASH 64LQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD16CA-CU</a><br>Description: IC MCU 32BIT 1MB FLASH 100TFBGA   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD16BA-ANR</a><br>Description: IC MCU 32BIT 1MB FLASH 64LQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SA16CB-CFNR</a><br>Description: FLASH,160K SRAM                 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD16BA-UUR</a><br>Description: FLASH,160K SRAM                  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD16CA-AN</a><br>Description: IC MCU 32BIT 1MB FLASH 64LQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD16BA-MUR</a><br>Description: IC MCU 32BIT 1MB FLASH 64QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD16BB-MN</a><br>Description: FLASH,160K SRAM                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD16CA-CUR</a><br>Description: IC MCU 32BIT 1MB FLASH 100TFBGA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD16BA-AN</a><br>Description: IC MCU 32BIT 1MB FLASH 64LQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD16BB-UUR</a><br>Description: FLASH,160K SRAM                  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD16BA-MU</a><br>Description: IC MCU 32BIT 1MB FLASH 64QFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD16CA-ANR</a><br>Description: IC MCU 32BIT 1MB FLASH 64LQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD16BB-AN</a><br>Description: FLASH,160K SRAM                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD16CA-CFU</a><br>Description: IC MCU 32BIT 1MB FLASH 100VFBGA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATSAM4SD16CA-AU</a><br>Description: IC MCU 32BIT 1MB FLASH 100LQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

| Related keywords for ATSAM4SD16BB-MNR          |                                                |                                       |                                        |  |
|------------------------------------------------|------------------------------------------------|---------------------------------------|----------------------------------------|--|
| Micrel / Microchip Technology ATSAM4SD16BB-MNR | ATSAM4SD16BB-MNR distributor                   | ATSAM4SD16BB-MNR supplier             | ATSAM4SD16BB-MNR price                 |  |
|                                                | ATSAM4SD16BB-MNR download datasheet            | ATSAM4SD16BB-MNR datasheet            | ATSAM4SD16BB-MNR stock                 |  |
| buy ATSAM4SD16BB-MNR                           | Micrel / Microchip Technology ATSAM4SD16BB-MNR | Microchip Technology ATSAM4SD16BB-MNR | Roving Networks / Microchip Technology |  |
|                                                | MNR                                            |                                       | ATSAM4SD16BB-MNR                       |  |