



ATSAM4SD16CB-CN

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAM4SD16CB-CN                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                         |
| Product description | FLASH,160K SRAM                                                                                                       |
| Datasheets:         |  <a href="#">ATSAM4SD16CB-CN.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

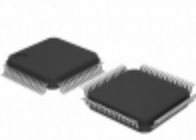
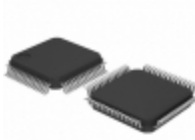
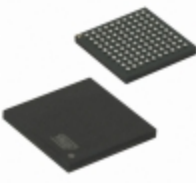
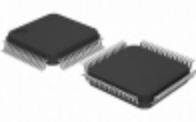
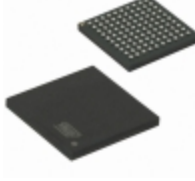
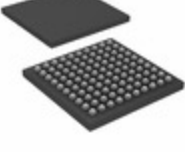
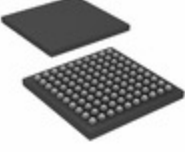
Specifications of ATSAM4SD16CB-CN

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAM4SD16CB-CN                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                           |
| DESCRIPTION                      | FLASH,160K SRAM                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| DATA SHEET                       |  <a href="#">ATSAM4SD16CB-CN.pdf</a> |
| 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              | 1MB (1M x 8)                                                                                                            |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                              |
| PACKAGING                        | Tray                                                                                                                    |
| PACKAGE / CASE                   | 100-TFBGA                                                                                                               |
| 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 1MB (1M 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                                                              |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology ATSAM4SD16CB-CN | ATSAM4SD16CB-CN Distributor            | ATSAM4SD16CB-CN Supplier                               |
| ATSAM4SD16CB-CN Price                         | ATSAM4SD16CB-CN Pictures               | ATSAM4SD16CB-CN Image                                  |
| ATSAM4SD16CB-CN PDF Datasheet                 | ATSAM4SD16CB-CN Download Datasheet     | ATSAM4SD16CB-CN Datasheet                              |
| ATSAM4SD16CB-CN Stock                         | Buy ATSAM4SD16CB-CN                    | Buy Micrel / Microchip Technology ATSAM4SD16CB-CN      |
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| Micrel / Microchip Technology ATSAM4SD16CB-CN | Microchip Technology ATSAM4SD16CB-CN   | Roving Networks / Microchip Technology ATSAM4SD16CB-CN |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>ATSAM4SD32BA-AUR</b></p> <p>Manufacturers: Micrel / Microchip Technology</p> <p>Description: IC MCU 32BIT 2MB FLASH 64LQFP</p> <p>In stock: Out stock</p> <p>RFQ</p>   |  <p><b>ATSAM4SD32BA-ANR</b></p> <p>Manufacturers: Micrel / Microchip Technology</p> <p>Description: IC MCU 32BIT 2MB FLASH 64LQFP</p> <p>In stock: Out stock</p> <p>RFQ</p> |
|  <p><b>ATSAM4SD16CA-CUR</b></p> <p>Manufacturers: Micrel / Microchip Technology</p> <p>Description: IC MCU 32BIT 1MB FLASH 100TFBGA</p> <p>In stock: Out stock</p> <p>RFQ</p> |  <p><b>ATSAM4SD16CB-ANR</b></p> <p>Manufacturers: Micrel / Microchip Technology</p> <p>Description: FLASH,160K SRAM</p> <p>In stock: Out stock</p> <p>RFQ</p>               |
|  <p><b>ATSAM4SD32BA-AN</b></p> <p>Manufacturers: Micrel / Microchip Technology</p> <p>Description: IC MCU 32BIT 2MB FLASH 64LQFP</p> <p>In stock: Out stock</p> <p>RFQ</p>    |  <p><b>ATSAM4SD16CB-AN</b></p> <p>Manufacturers: Micrel / Microchip Technology</p> <p>Description: FLASH,160K SRAM</p> <p>In stock: 540 pcs</p> <p>RFQ</p>                  |
|  <p><b>ATSAM4SD32BA-AUR</b></p> <p>Manufacturers: Microchip Technology</p> <p>Description: IC MCU 32BIT 2MB FLASH 64LQFP</p> <p>In stock: Out stock</p> <p>RFQ</p>            |  <p><b>ATSAM4SD16CB-CNR</b></p> <p>Manufacturers: Micrel / Microchip Technology</p> <p>Description: FLASH,160K SRAM</p> <p>In stock: Out stock</p> <p>RFQ</p>               |
|  <p><b>ATSAM4SD32BA-AU</b></p> <p>Manufacturers: Micrel / Microchip Technology</p> <p>Description: IC MCU 32BIT 2MB FLASH 64LQFP</p> <p>In stock: 111 pcs</p> <p>RFQ</p>      |  <p><b>ATSAM4SD16CB-CFN</b></p> <p>Manufacturers: Micrel / Microchip Technology</p> <p>Description: FLASH,160K SRAM</p> <p>In stock: 520 pcs</p> <p>RFQ</p>                 |
|  <p><b>ATSAM4SD16CA-CUR</b></p> <p>Manufacturers: Microchip Technology</p> <p>Description: IC MCU 32BIT 1MB FLASH 100TFBGA</p> <p>In stock: 6 pcs</p> <p>RFQ</p>              |  <p><b>ATSAM4SD16CB-CFN</b></p> <p>Manufacturers: Micrel / Microchip Technology</p> <p>Description: FLASH,160K SRAM</p> <p>In stock: Out stock</p> <p>RFQ</p>               |