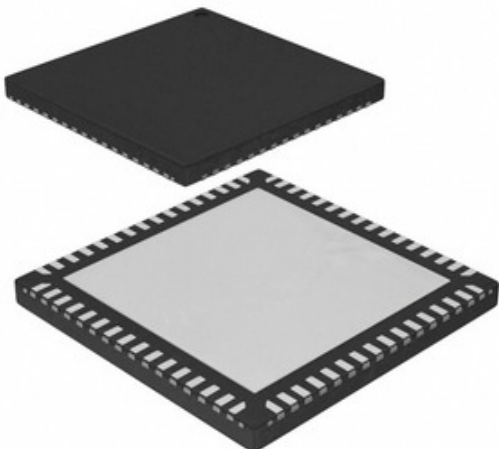



**Micrel / Microchip Technology**



**ATSAM4SD32BA-MU**

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAM4SD32BA-MU                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                         |
| Product description | IC MCU 32BIT 2MB FLASH 64QFN                                                                                          |
| Datasheets:         |  <a href="#">ATSAM4SD32BA-MU.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Stock Condition     | 10834 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

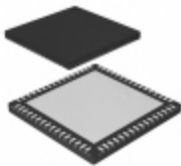
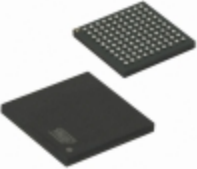
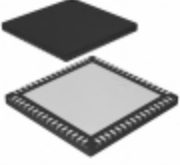
Specifications of ATSAM4SD32BA-MU

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAM4SD32BA-MU                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                           |
| DESCRIPTION                      | IC MCU 32BIT 2MB FLASH 64QFN                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| QUANTITY AVAILABLE               | 10834 pcs                                                                                                               |
| DATA SHEET                       |  <a href="#">ATSAM4SD32BA-MU.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.62 V ~ 3.6 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (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                   | 64-VFQFN Exposed Pad                                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                       |
| NUMBER OF I/O                    | 47                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                           |
| 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 64-QFN (9x9)                                  |
| DATA CONVERTERS                  | A/D 11x12b, D/A 2x12b                                                                                                   |
| CORE SIZE                        | 32-Bit                                                                                                                  |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                                         |
| CONNECTIVITY                     | I²C, IrDA, Memory Card, SPI, SSC, UART/USART, USB                                                                       |
| BASE PART NUMBER                 | ATSAM4SD32                                                                                                              |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology ATSAM4SD32BA-MU | ATSAM4SD32BA-MU Distributor            | ATSAM4SD32BA-MU Supplier                               |
| ATSAM4SD32BA-MU Price                         | ATSAM4SD32BA-MU Pictures               | ATSAM4SD32BA-MU Image                                  |
| ATSAM4SD32BA-MU PDF Datasheet                 | ATSAM4SD32BA-MU Download Datasheet     | ATSAM4SD32BA-MU Datasheet                              |
| ATSAM4SD32BA-MU Stock                         | Buy ATSAM4SD32BA-MU                    | Buy Micrel / Microchip Technology ATSAM4SD32BA-MU      |
| Micrel / Microchip Technology ATSAM4SD32BA-MU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATSAM4SD32BA-MU | Microchip Technology ATSAM4SD32BA-MU   | Roving Networks / Microchip Technology ATSAM4SD32BA-MU |

Related Products

|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>ATSAM4SD32BA-ANR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 2MB FLASH 64LQFP<br>In stock: 4636 pcs<br><div>RFQ</div>  |  <b>ATSAM4SD32BA-AUR</b><br>Manufacturers: Microchip Technology<br>Description: IC MCU 32BIT 2MB FLASH 64LQFP<br>In stock: 11486 pcs<br><div>RFQ</div>           |
|  <b>ATSAM4SD32BB-MN</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: FLASH,160K SRAM<br>In stock: 11372 pcs<br><div>RFQ</div>                |  <b>ATSAM4SD32BA-AN</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 2MB FLASH 64LQFP<br>In stock: 3827 pcs<br><div>RFQ</div>    |
|  <b>ATSAM4SD32BA-AU</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 2MB FLASH 64LQFP<br>In stock: 10073 pcs<br><div>RFQ</div>  |  <b>ATSAM4SD16CB-CNR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: FLASH,160K SRAM<br>In stock: 14556 pcs<br><div>RFQ</div>                |
|  <b>ATSAM4SD32BB-AN</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: FLASH,160K SRAM<br>In stock: 11087 pcs<br><div>RFQ</div>                |  <b>ATSAM4SD32BA-UUR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 2MB FLASH 64WLCSP<br>In stock: 20581 pcs<br><div>RFQ</div> |
|  <b>ATSAM4SD32BA-UUR</b><br>Manufacturers: Microchip Technology<br>Description: IC MCU 32BIT 2MB FLASH 64WLCSP<br>In stock: 17392 pcs<br><div>RFQ</div>         |  <b>ATSAM4SD32BA-MUR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 2MB FLASH 64QFN<br>In stock: 23903 pcs<br><div>RFQ</div>   |
|  <b>ATSAM4SD32BA-AUR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 32BIT 2MB FLASH 64LQFP<br>In stock: 25768 pcs<br><div>RFQ</div> |  <b>ATSAM4SD32BA-MUR</b><br>Manufacturers: Microchip Technology<br>Description: IC MCU 32BIT 2MB FLASH 64QFN<br>In stock: 12043 pcs<br><div>RFQ</div>            |