



ATSAM4SD32CA-CFU

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAM4SD32CA-CFU                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                          |
| Product description | IC MCU 32BIT 2MB FLASH 100VFBGA                                                                                        |
| Datasheets:         |  <a href="#">ATSAM4SD32CA-CFU.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

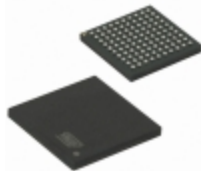
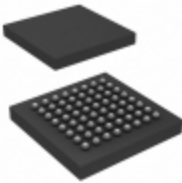
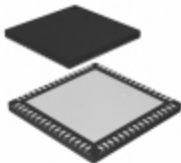
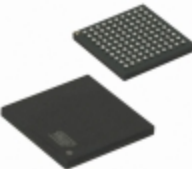
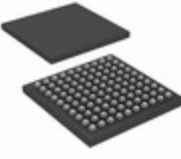
Specifications of ATSAM4SD32CA-CFU

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAM4SD32CA-CFU                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                            |
| DESCRIPTION                      | IC MCU 32BIT 2MB FLASH 100VFBGA                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| DATA SHEET                       |  <a href="#">ATSAM4SD32CA-CFU.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.62 V ~ 3.6 V                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 100-VFBGA (7x7)                                                                                                          |
| 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-VFBGA                                                                                                                |
| 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-VFBGA (7x7)                                |
| 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                                                                                                               |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATSAM4SD32CA-CFU | ATSAM4SD32CA-CFU Distributor           | ATSAM4SD32CA-CFU Supplier                               |
| ATSAM4SD32CA-CFU Price                         | ATSAM4SD32CA-CFU Pictures              | ATSAM4SD32CA-CFU Image                                  |
| ATSAM4SD32CA-CFU PDF Datasheet                 | ATSAM4SD32CA-CFU Download Datasheet    | ATSAM4SD32CA-CFU Datasheet                              |
| ATSAM4SD32CA-CFU Stock                         | Buy ATSAM4SD32CA-CFU                   | Buy Micrel / Microchip Technology ATSAM4SD32CA-CFU      |
| Micrel / Microchip Technology ATSAM4SD32CA-CFU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology ATSAM4SD32CA-CFU | Microchip Technology ATSAM4SD32CA-CFU  | Roving Networks / Microchip Technology ATSAM4SD32CA-CFU |

Related Products

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| <div></div> <div><b>ATSAM4SD32CA-ANR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>ATSAM4SD32CB-AN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: FLASH,160K SRAM<br/>In stock: 508 pcs<br/><div>RFQ</div></div>                    |
| <div></div> <div><b>ATSAM4SD32CA-CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 100TFBGA<br/>In stock: 64 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>ATSAM4SD32CA-CFUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 100VFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>         |
| <div></div> <div><b>ATSAM4SD32CA-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>ATSAM4SD32BB-UUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: FLASH,160K SRAM<br/>In stock: Out stock<br/><div>RFQ</div></div>                 |
| <div></div> <div><b>ATSAM4SD32BB-MNR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: FLASH,160K SRAM<br/>In stock: Out stock<br/><div>RFQ</div></div>                  | <div></div> <div><b>ATSAM4SD32CA-CUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 100TFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>ATSAM4SD32CA-CFUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 100VFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>ATSAM4SD32CA-CUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 100TFBGA<br/>In stock: 911 pcs<br/><div>RFQ</div></div>            |
| <div></div> <div><b>ATSAM4SD32CA-AN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>     | <div></div> <div><b>ATSAM4SD32CA-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 100LQFP<br/>In stock: 654 pcs<br/><div>RFQ</div></div>     |