



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAM4SD32CA-ANR

|                     |                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAM4SD32CA-ANR                                                                                                          |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                             |
| Product description | IC MCU 32BIT 2MB FLASH 64LQFP                                                                                             |
|                     | <div>PDF</div> 1.ATSAM4SD32CA-ANR.pdf <div>PDF</div> 2.ATSAM4SD32CA-ANR.pdf                                               |
| Datasheets:         | <div>  Lead free / RoHS Compliant </div> |
| RoHs Status         | Lead free / RoHS Compliant                                                                                                |
| Ship From           | Hong Kong                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                     |

REQUEST FOR QUOTATION

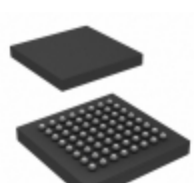
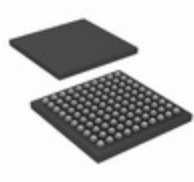
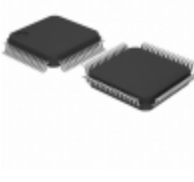
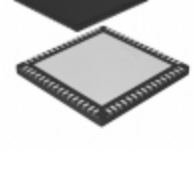
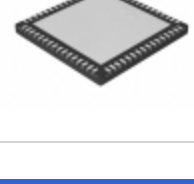
Specifications of ATSAM4SD32CA-ANR

|                                  |                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAM4SD32CA-ANR                                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                                             |
| DESCRIPTION                      | IC MCU 32BIT 2MB FLASH 64LQFP                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                |
| DATA SHEET                       | <div>PDF</div> 1.ATSAM4SD32CA-ANR.pdf <div>PDF</div> 2.ATSAM4SD32CA-ANR.pdf               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.62 V ~ 3.6 V                                                                            |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                           |
| 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                        | Tape & Reel (TR)                                                                          |
| PACKAGE / CASE                   | 64-LQFP                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                        |
| NUMBER OF I/O                    | 79                                                                                        |
| 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-LQFP (10x10) |
| 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-ANR | ATSAM4SD32CA-ANR Distributor           | ATSAM4SD32CA-ANR Supplier                               |
| ATSAM4SD32CA-ANR Price                         | ATSAM4SD32CA-ANR Pictures              | ATSAM4SD32CA-ANR Image                                  |
| ATSAM4SD32CA-ANR PDF Datasheet                 | ATSAM4SD32CA-ANR Download Datasheet    | ATSAM4SD32CA-ANR Datasheet                              |
| ATSAM4SD32CA-ANR Stock                         | Buy ATSAM4SD32CA-ANR                   | Buy Micrel / Microchip Technology ATSAM4SD32CA-ANR      |
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Related Products

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div> <b>ATSAM4SD32CA-AUR</b><br/>                     Manufacturers: Micrel / Microchip Technology<br/>                     Description: IC MCU 32BIT 2MB FLASH 100LQFP<br/>                     In stock: Out stock                 </div> <div>RFQ</div>   |  <div> <b>ATSAM4SD32BB-UUR</b><br/>                     Manufacturers: Micrel / Microchip Technology<br/>                     Description: FLASH,160K SRAM<br/>                     In stock: Out stock                 </div> <div>RFQ</div>               |
|  <div> <b>ATSAM4SD32CA-CFUR</b><br/>                     Manufacturers: Micrel / Microchip Technology<br/>                     Description: IC MCU 32BIT 2MB FLASH 100VFBGA<br/>                     In stock: Out stock                 </div> <div>RFQ</div> |  <div> <b>ATSAM4SD32CA-AN</b><br/>                     Manufacturers: Micrel / Microchip Technology<br/>                     Description: IC MCU 32BIT 2MB FLASH 64LQFP<br/>                     In stock: Out stock                 </div> <div>RFQ</div>  |
|  <div> <b>ATSAM4SD32BB-AN</b><br/>                     Manufacturers: Micrel / Microchip Technology<br/>                     Description: FLASH,160K SRAM<br/>                     In stock: 469 pcs                 </div> <div>RFQ</div>                     |  <div> <b>ATSAM4SD32CA-AU</b><br/>                     Manufacturers: Micrel / Microchip Technology<br/>                     Description: IC MCU 32BIT 2MB FLASH 100LQFP<br/>                     In stock: 654 pcs                 </div> <div>RFQ</div>   |
|  <div> <b>ATSAM4SD32BB-MNR</b><br/>                     Manufacturers: Micrel / Microchip Technology<br/>                     Description: FLASH,160K SRAM<br/>                     In stock: Out stock                 </div> <div>RFQ</div>                  |  <div> <b>ATSAM4SD32BA-UUR</b><br/>                     Manufacturers: Microchip Technology<br/>                     Description: IC MCU 32BIT 2MB FLASH 64WLCSP<br/>                     In stock: Out stock                 </div> <div>RFQ</div>         |
|  <div> <b>ATSAM4SD32CA-CFUR</b><br/>                     Manufacturers: Microchip Technology<br/>                     Description: IC MCU 32BIT 2MB FLASH 100VFBGA<br/>                     In stock: Out stock                 </div> <div>RFQ</div>          |  <div> <b>ATSAM4SD32CA-CFU</b><br/>                     Manufacturers: Micrel / Microchip Technology<br/>                     Description: IC MCU 32BIT 2MB FLASH 100VFBGA<br/>                     In stock: 298 pcs                 </div> <div>RFQ</div> |
|  <div> <b>ATSAM4SD32CA-CU</b><br/>                     Manufacturers: Micrel / Microchip Technology<br/>                     Description: IC MCU 32BIT 2MB FLASH 100TFBGA<br/>                     In stock: 64 pcs                 </div> <div>RFQ</div>      |  <div> <b>ATSAM4SD32BB-MN</b><br/>                     Manufacturers: Micrel / Microchip Technology<br/>                     Description: FLASH,160K SRAM<br/>                     In stock: 520 pcs                 </div> <div>RFQ</div>                  |