



ATSAM4LS4CA-CFUR

|                     |                                                                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAM4LS4CA-CFUR                                                                                                                                   |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                      |
| Product description | IC MCU 32BIT 256KB FLASH 100BGA                                                                                                                    |
| Datasheets:         | <div>PDF</div> <div>1.ATSAM4LS4CA-CFUR.pdf</div> <div>PDF</div> <div>2.ATSAM4LS4CA-CFUR.pdf</div> <div>PDF</div> <div>3.ATSAM4LS4CA-CFUR.pdf</div> |
| RoHs Status         | <div>RoHS</div> Lead free / RoHS Compliant                                                                                                         |
| Ship From           | Hong Kong                                                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                              |

REQUEST FOR QUOTATION

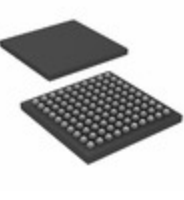
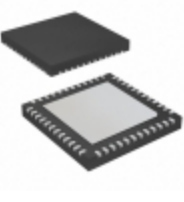
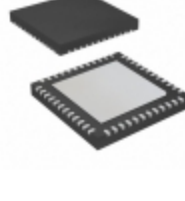
Specifications of ATSAM4LS4CA-CFUR

|                                  |                                                                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAM4LS4CA-CFUR                                                                                                                                   |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                      |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 100BGA                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                         |
| DATA SHEET                       | <div>PDF</div> <div>1.ATSAM4LS4CA-CFUR.pdf</div> <div>PDF</div> <div>2.ATSAM4LS4CA-CFUR.pdf</div> <div>PDF</div> <div>3.ATSAM4LS4CA-CFUR.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.68 V ~ 3.6 V                                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 100-VFBGA (7x7)                                                                                                                                    |
| SPEED                            | 48MHz                                                                                                                                              |
| SERIES                           | SAM4L                                                                                                                                              |
| RAM SIZE                         | 32K x 8                                                                                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                              |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                                                                   |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                                                                    |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                   |
| PACKAGE / CASE                   | 100-VFBGA                                                                                                                                          |
| OTHER NAMES                      | ATSAM4LS4CA-CFURTR                                                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                  |
| NUMBER OF I/O                    | 80                                                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                      |
| MANUFACTURER STANDARD LEAD TIME  | 7 Weeks                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                         |
| EEPROM SIZE                      | -                                                                                                                                                  |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 SAM4L Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 100-VFBGA (7x7)                                                       |
| DATA CONVERTERS                  | A/D 15x12b, D/A 1x10b                                                                                                                              |
| CORE SIZE                        | 32-Bit                                                                                                                                             |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                                                                    |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART, USB                                                                                                            |
| BASE PART NUMBER                 | ATSAM4LS4                                                                                                                                          |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATSAM4LS4CA-CFUR | ATSAM4LS4CA-CFUR Distributor           | ATSAM4LS4CA-CFUR Supplier                               |
| ATSAM4LS4CA-CFUR Price                         | ATSAM4LS4CA-CFUR Pictures              | ATSAM4LS4CA-CFUR Image                                  |
| ATSAM4LS4CA-CFUR PDF Datasheet                 | ATSAM4LS4CA-CFUR Download Datasheet    | ATSAM4LS4CA-CFUR Datasheet                              |
| ATSAM4LS4CA-CFUR Stock                         | Buy ATSAM4LS4CA-CFUR                   | Buy Micrel / Microchip Technology ATSAM4LS4CA-CFUR      |
| Micrel / Microchip Technology ATSAM4LS4CA-CFUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology ATSAM4LS4CA-CFUR | Microchip Technology ATSAM4LS4CA-CFUR  | Roving Networks / Microchip Technology ATSAM4LS4CA-CFUR |

Related Products

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|  <div> <b>ATSAM4LS4CA-AU</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/> In stock: 213 pcs </div> <div>RFQ</div>    |  <div> <b>ATSAM4LS8BA-AU</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/> In stock: 2 pcs </div> <div>RFQ</div>     |
|  <div> <b>ATSAM4LS4CA-CFU</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 100BGA<br/> In stock: 285 pcs </div> <div>RFQ</div>    |  <div> <b>ATSAM4LS4CA-CFUR</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 100BGA<br/> In stock: Out stock </div> <div>RFQ</div>        |
|  <div> <b>ATSAM4LS8BA-AUR</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/> In stock: 986 pcs </div> <div>RFQ</div>             |  <div> <b>ATSAM4LS8AA-MUR</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 48QFN<br/> In stock: Out stock </div> <div>RFQ</div>          |
|  <div> <b>ATSAM4LS4CA-AUR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/> In stock: Out stock </div> <div>RFQ</div> |  <div> <b>ATSAM4LS4CA-CFU</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 100BGA<br/> In stock: 916 pcs </div> <div>RFQ</div>           |
|  <div> <b>ATSAM4LS8AA-MU</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 48QFN<br/> In stock: 787 pcs </div> <div>RFQ</div>      |  <div> <b>ATSAM4LS4CA-AUR</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/> In stock: 306 pcs </div> <div>RFQ</div>          |
|  <div> <b>ATSAM4LS8BA-AUR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/> In stock: Out stock </div> <div>RFQ</div>  |  <div> <b>ATSAM4LS8AA-MUR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 48QFN<br/> In stock: Out stock </div> <div>RFQ</div> |