



ATSAM4LC2CA-CFUR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAM4LC2CA-CFUR                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 128KB FLASH 100BGA                                                                              |
|                     | <a href="#">PDF</a> 1.ATSAM4LC2CA-CFUR.pdf                                                                   |
|                     | <a href="#">PDF</a> 2.ATSAM4LC2CA-CFUR.pdf                                                                   |
|                     | <a href="#">PDF</a> 3.ATSAM4LC2CA-CFUR.pdf                                                                   |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

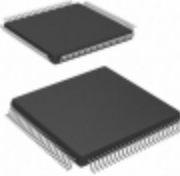
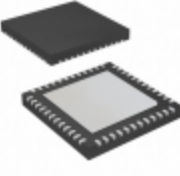
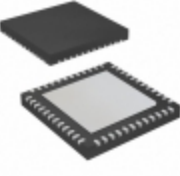
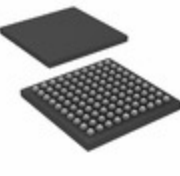
Specifications of ATSAM4LC2CA-CFUR

|                                  |                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAM4LC2CA-CFUR                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                          |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 100BGA                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                             |
| DATA SHEET                       | <a href="#">PDF</a> 1.ATSAM4LC2CA-CFUR.pdf<br><a href="#">PDF</a> 2.ATSAM4LC2CA-CFUR.pdf<br><a href="#">PDF</a> 3.ATSAM4LC2CA-CFUR.pdf |
| 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              | 128KB (128K x 8)                                                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM, WDT                                                                                   |
| PACKAGING                        | Cut Tape (CT)                                                                                                                          |
| PACKAGE / CASE                   | 100-VFBGA                                                                                                                              |
| OTHER NAMES                      | 1611-ATSAM4LC2CA-CFURCT                                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                      |
| NUMBER OF I/O                    | 75                                                                                                                                     |
| 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 SAM4L Microcontroller IC 32-Bit 48MHz 128KB (128K 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                                                                                                |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATSAM4LC2CA-CFUR | ATSAM4LC2CA-CFUR Distributor           | ATSAM4LC2CA-CFUR Supplier                               |
| ATSAM4LC2CA-CFUR Price                         | ATSAM4LC2CA-CFUR Pictures              | ATSAM4LC2CA-CFUR Image                                  |
| ATSAM4LC2CA-CFUR PDF Datasheet                 | ATSAM4LC2CA-CFUR Download Datasheet    | ATSAM4LC2CA-CFUR Datasheet                              |
| ATSAM4LC2CA-CFUR Stock                         | Buy ATSAM4LC2CA-CFUR                   | Buy Micrel / Microchip Technology ATSAM4LC2CA-CFUR      |
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Related Products

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| <div></div> <div><b>ATSAM4LC2CA-AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 100TQFP<br/>In stock: 939 pcs</div> <div>RFQ</div>           | <div></div> <div><b>ATSAM4LC4AA-AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48TQFP<br/>In stock: Out stock</div> <div>RFQ</div>           |
| <div></div> <div><b>ATSAM4LC2CA-AU</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 100TQFP<br/>In stock: 425 pcs</div> <div>RFQ</div>            | <div></div> <div><b>ATSAM4LC4AA-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48TQFP<br/>In stock: 622 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>ATSAM4LC4AA-MUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48QFN<br/>In stock: Out stock</div> <div>RFQ</div>           | <div></div> <div><b>ATSAM4LC2CA-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 100TQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>ATSAM4LC4AA-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48TQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>ATSAM4LC2CA-CFUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 100BGA<br/>In stock: 887 pcs</div> <div>RFQ</div>            |
| <div></div> <div><b>ATSAM4LC4AA-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48QFN<br/>In stock: 355 pcs</div> <div>RFQ</div>     | <div></div> <div><b>ATSAM4LC4AA-MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48QFN<br/>In stock: Out stock</div> <div>RFQ</div>   |
| <div></div> <div><b>ATSAM4LC2CA-CFU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 100BGA<br/>In stock: 185 pcs</div> <div>RFQ</div>   | <div></div> <div><b>ATSAM4LC2CA-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 128KB FLASH 100TQFP<br/>In stock: 180 pcs</div> <div>RFQ</div>    |