



ATSAM4LS4BA-MUR

|                     |                                                                                                                                                 |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAM4LS4BA-MUR                                                                                                                                 |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                   |
| Product description | IC MCU 32BIT 256KB FLASH 64QFN                                                                                                                  |
|                     | <div>PDF</div> <div>1.ATSAM4LS4BA-MUR.pdf</div> <div>PDF</div> <div>2.ATSAM4LS4BA-MUR.pdf</div> <div>PDF</div> <div>3.ATSAM4LS4BA-MUR.pdf</div> |
| Datasheets:         |                                                                                                                                                 |
| RoHs Status         | <div>RoHS</div> <div>Lead free / RoHS Compliant</div>                                                                                           |
| Ship From           | Hong Kong                                                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                           |

REQUEST FOR QUOTATION

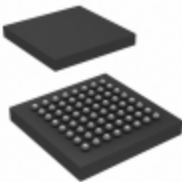
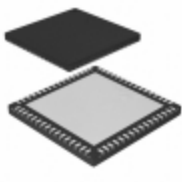
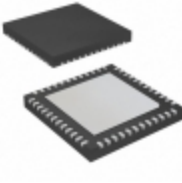
Specifications of ATSAM4LS4BA-MUR

|                                  |                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAM4LS4BA-MUR                                                                                                                                 |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                   |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 64QFN                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                      |
| DATA SHEET                       | <div>PDF</div> <div>1.ATSAM4LS4BA-MUR.pdf</div> <div>PDF</div> <div>2.ATSAM4LS4BA-MUR.pdf</div> <div>PDF</div> <div>3.ATSAM4LS4BA-MUR.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.68 V ~ 3.6 V                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (9x9)                                                                                                                                    |
| 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                        | Cut Tape (CT)                                                                                                                                   |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                                                                                            |
| OTHER NAMES                      | 1611-ATSAM4LS4BA-MURCT                                                                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                               |
| NUMBER OF I/O                    | 48                                                                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                   |
| 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 256KB (256K x 8) FLASH 64-QFN (9x9)                                                       |
| DATA CONVERTERS                  | A/D 7x12b, 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 ATSAM4LS4BA-MUR | ATSAM4LS4BA-MUR Distributor            | ATSAM4LS4BA-MUR Supplier                               |
| ATSAM4LS4BA-MUR Price                         | ATSAM4LS4BA-MUR Pictures               | ATSAM4LS4BA-MUR Image                                  |
| ATSAM4LS4BA-MUR PDF Datasheet                 | ATSAM4LS4BA-MUR Download Datasheet     | ATSAM4LS4BA-MUR Datasheet                              |
| ATSAM4LS4BA-MUR Stock                         | Buy ATSAM4LS4BA-MUR                    | Buy Micrel / Microchip Technology ATSAM4LS4BA-MUR      |
| Micrel / Microchip Technology ATSAM4LS4BA-MUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATSAM4LS4BA-MUR | Microchip Technology ATSAM4LS4BA-MUR   | Roving Networks / Microchip Technology ATSAM4LS4BA-MUR |

Related Products

|                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                        |
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| <div>  </div> <div> <b>ATSAM4LS4BA-AUR</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/> In stock: 54 pcs<br/> <div>RFQ</div> </div>           | <div>  </div> <div> <b>ATSAM4LS4BA-UUR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 64WLCSP<br/> In stock: Out stock<br/> <div>RFQ</div> </div> |
| <div>  </div> <div> <b>ATSAM4LS4CA-AU</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/> In stock: 213 pcs<br/> <div>RFQ</div> </div> | <div>  </div> <div> <b>ATSAM4LS4BA-MU</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 64QFN<br/> In stock: Out stock<br/> <div>RFQ</div> </div>    |
| <div>  </div> <div> <b>ATSAM4LS4BA-UUR</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 64WLCSP<br/> In stock: 521 pcs<br/> <div>RFQ</div> </div>         | <div>  </div> <div> <b>ATSAM4LS4AA-MUR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 48QFN<br/> In stock: 390 pcs<br/> <div>RFQ</div> </div>     |
| <div>  </div> <div> <b>ATSAM4LS4CA-AUR</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/> In stock: 306 pcs<br/> <div>RFQ</div> </div>         | <div>  </div> <div> <b>ATSAM4LS4BA-AUR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/> In stock: 24 pcs<br/> <div>RFQ</div> </div>     |
| <div>  </div> <div> <b>ATSAM4LS4BA-AU</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/> In stock: 570 pcs<br/> <div>RFQ</div> </div>  | <div>  </div> <div> <b>ATSAM4LS4CA-AUR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/> In stock: Out stock<br/> <div>RFQ</div> </div> |
| <div>  </div> <div> <b>ATSAM4LS4BA-MUR</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 64QFN<br/> In stock: Out stock<br/> <div>RFQ</div> </div>         | <div>  </div> <div> <b>ATSAM4LS4AA-MUR</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 256KB FLASH 48QFN<br/> In stock: Out stock<br/> <div>RFQ</div> </div>            |