



**ATSAM4LS8BA-MUR**

|                     |                                                                                                                                                 |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAM4LS8BA-MUR                                                                                                                                 |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                   |
| Product description | IC MCU 32BIT 512KB FLASH 64QFN                                                                                                                  |
|                     | <div>PDF</div> <div>1.ATSAM4LS8BA-MUR.pdf</div> <div>PDF</div> <div>2.ATSAM4LS8BA-MUR.pdf</div> <div>PDF</div> <div>3.ATSAM4LS8BA-MUR.pdf</div> |
| Datasheets:         |                                                                                                                                                 |
| RoHs Status         | <div>RoHS</div> <div>Lead free / RoHS Compliant</div>                                                                                           |
| Stock Condition     | 14667 pcs stock                                                                                                                                 |
| Ship From           | Hong Kong                                                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                           |

REQUEST FOR QUOTATION

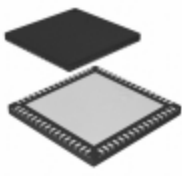
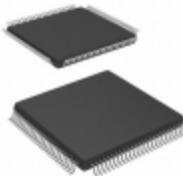
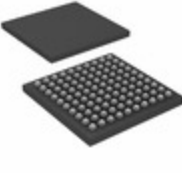
Specifications of ATSAM4LS8BA-MUR

|                                  |                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAM4LS8BA-MUR                                                                                                                                 |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                   |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 64QFN                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                      |
| QUANTITY AVAILABLE               | 14667 pcs                                                                                                                                       |
| DATA SHEET                       | <div>PDF</div> <div>1.ATSAM4LS8BA-MUR.pdf</div> <div>PDF</div> <div>2.ATSAM4LS8BA-MUR.pdf</div> <div>PDF</div> <div>3.ATSAM4LS8BA-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                         | 64K x 8                                                                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                           |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                                                                |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                                                                 |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                                                                                            |
| OTHER NAMES                      | ATSAM4LS8BA-MURTR                                                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                               |
| NUMBER OF I/O                    | 48                                                                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                      |
| EEPROM SIZE                      | -                                                                                                                                               |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 SAM4L Microcontroller IC 32-Bit 48MHz 512KB (512K 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                                                                                                         |
| BASE PART NUMBER                 | ATSAM4LS8                                                                                                                                       |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology ATSAM4LS8BA-MUR | ATSAM4LS8BA-MUR Distributor            | ATSAM4LS8BA-MUR Supplier                               |
| ATSAM4LS8BA-MUR Price                         | ATSAM4LS8BA-MUR Pictures               | ATSAM4LS8BA-MUR Image                                  |
| ATSAM4LS8BA-MUR PDF Datasheet                 | ATSAM4LS8BA-MUR Download Datasheet     | ATSAM4LS8BA-MUR Datasheet                              |
| ATSAM4LS8BA-MUR Stock                         | Buy ATSAM4LS8BA-MUR                    | Buy Micrel / Microchip Technology ATSAM4LS8BA-MUR      |
| Micrel / Microchip Technology ATSAM4LS8BA-MUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATSAM4LS8BA-MUR | Microchip Technology ATSAM4LS8BA-MUR   | Roving Networks / Microchip Technology ATSAM4LS8BA-MUR |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>ATSAM4LS8BA-MU</b></p> <p>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64QFN<br/>In stock: 15960 pcs</p> <p>RFQ</p>    |  <p><b>ATSAM4LS8CA-AUR</b></p> <p>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 14280 pcs</p> <p>RFQ</p> |
|  <p><b>ATSAM4LS8CA-AU</b></p> <p>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 11599 pcs</p> <p>RFQ</p>  |  <p><b>ATSAM4LS8BA-AUR</b></p> <p>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: 13700 pcs</p> <p>RFQ</p>  |
|  <p><b>ATSAM4LS8CA-CFU</b></p> <p>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100BGA<br/>In stock: 16699 pcs</p> <p>RFQ</p>  |  <p><b>ATSAM4LS8BA-AU</b></p> <p>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: 14608 pcs</p> <p>RFQ</p>   |
|  <p><b>ATSAM4LS8BA-UUR</b></p> <p>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64WLCSP<br/>In stock: 14713 pcs</p> <p>RFQ</p>          |  <p><b>ATSAM4LS8AA-MUR</b></p> <p>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 48QFN<br/>In stock: 15527 pcs</p> <p>RFQ</p>            |
|  <p><b>ATSAM4LS8BA-UUR</b></p> <p>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64WLCSP<br/>In stock: 16634 pcs</p> <p>RFQ</p> |  <p><b>ATSAM4LS8BA-MUR</b></p> <p>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64QFN<br/>In stock: 17765 pcs</p> <p>RFQ</p>            |
|  <p><b>ATSAM4LS8CA-AUR</b></p> <p>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/>In stock: 14369 pcs</p> <p>RFQ</p>          |  <p><b>ATSAM4LS8BA-AUR</b></p> <p>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/>In stock: 12848 pcs</p> <p>RFQ</p>           |