

Microchip Technology



### ATSAM4LC4BA-MUR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAM4LC4BA-MUR                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 32BIT 256KB FLASH 64QFN                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 21103 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

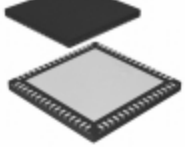
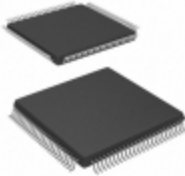
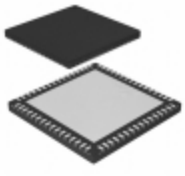
#### Specifications of ATSAM4LC4BA-MUR

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAM4LC4BA-MUR                                                              |
| MANUFACTURER                     | Microchip Technology                                                         |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 64QFN                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                   |
| QUANTITY AVAILABLE               | 21103 pcs                                                                    |
| DATA SHEET                       |                                                                              |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                        |
| SERIES                           | SAM4L                                                                        |
| REVERSE RECOVERY TIME (TRR)      | 48MHz                                                                        |
| REQUIRES                         | Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM, WDT                         |
| PROGRAM MEMORY TYPE              | 256KB (256K x 8)                                                             |
| PROGRAM MEMORY SIZE              | I²C, IrDA, LIN, SPI, UART/USART, USB                                         |
| OTHER NAMES                      | 1611-ATSAM4LC4BA-MURDKR                                                      |
| OSCILLATOR TYPE                  | A/D 7x12b, D/A 1x10b                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                            |
| OPERATING SYSTEM                 | ARM® Cortex®-M4                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                |
| MANUFACTURER PART NUMBER         | ATSAM4LC4BA-MUR                                                              |
| EXPANDED DESCRIPTION             | ARM® Cortex®-M4 SAM4L Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 64QFN                                               |
| DATA SRAM BYTES                  | -                                                                            |
| DATA CONVERTERS                  | 1.68 V ~ 3.6 V                                                               |
| CORE SIZE                        | 32K x 8                                                                      |
| CONTROLLER SERIES                | Internal                                                                     |
| CONNECTIVITY                     | 32-Bit                                                                       |
| CLOCK RATE                       | 43                                                                           |

#### Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology ATSAM4LC4BA-MUR | ATSAM4LC4BA-MUR Distributor            | ATSAM4LC4BA-MUR Supplier                               |
| ATSAM4LC4BA-MUR Price                         | ATSAM4LC4BA-MUR Pictures               | ATSAM4LC4BA-MUR Image                                  |
| ATSAM4LC4BA-MUR PDF Datasheet                 | ATSAM4LC4BA-MUR Download Datasheet     | ATSAM4LC4BA-MUR Datasheet                              |
| ATSAM4LC4BA-MUR Stock                         | Buy ATSAM4LC4BA-MUR                    | Buy Micrel / Microchip Technology ATSAM4LC4BA-MUR      |
| Micrel / Microchip Technology ATSAM4LC4BA-MUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATSAM4LC4BA-MUR | Microchip Technology ATSAM4LC4BA-MUR   | Roving Networks / Microchip Technology ATSAM4LC4BA-MUR |

#### Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                 |
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|  <div><b>ATSAM4LC4BA-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/>In stock: 20268 pcs</div> <div>RFQ</div>  |  <div><b>ATSAM4LC4CA-AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/>In stock: 15803 pcs</div> <div>RFQ</div>          |
|  <div><b>ATSAM4LC4BA-UUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64WLCSP<br/>In stock: 18311 pcs</div> <div>RFQ</div>          |  <div><b>ATSAM4LC4CA-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/>In stock: 21232 pcs</div> <div>RFQ</div> |
|  <div><b>ATSAM4LC4BA-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/>In stock: 19702 pcs</div> <div>RFQ</div>   |  <div><b>ATSAM4LC4BA-MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64QFN<br/>In stock: 29709 pcs</div> <div>RFQ</div>   |
|  <div><b>ATSAM4LC4AA-MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48QFN<br/>In stock: 33803 pcs</div> <div>RFQ</div>   |  <div><b>ATSAM4LC4CA-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/>In stock: 14226 pcs</div> <div>RFQ</div>  |
|  <div><b>ATSAM4LC4BA-AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/>In stock: 18338 pcs</div> <div>RFQ</div>           |  <div><b>ATSAM4LC4AA-MUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48QFN<br/>In stock: 22481 pcs</div> <div>RFQ</div>            |
|  <div><b>ATSAM4LC4BA-UUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64WLCSP<br/>In stock: 16211 pcs</div> <div>RFQ</div> |  <div><b>ATSAM4LC4BA-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64QFN<br/>In stock: 18979 pcs</div> <div>RFQ</div>    |