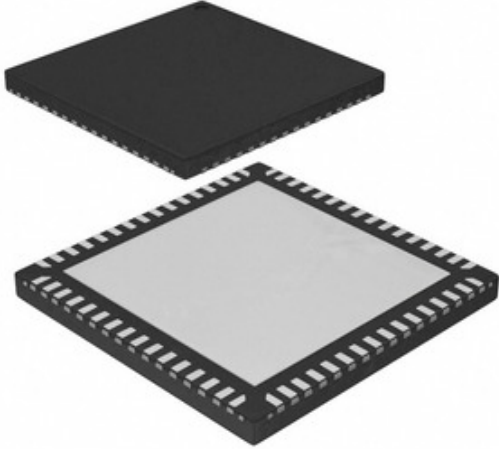



**Micrel / Microchip Technology**



**ATSAM4LC8BA-MU**

|                     |                                                                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAM4LC8BA-MU                                                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                |
| Product description | IC MCU 32BIT 512KB FLASH 64QFN                                                                                                               |
|                     | <div>PDF</div> <div>1.ATSAM4LC8BA-MU.pdf</div> <div>PDF</div> <div>2.ATSAM4LC8BA-MU.pdf</div> <div>PDF</div> <div>3.ATSAM4LC8BA-MU.pdf</div> |
| Datasheets:         |                                                                                                                                              |
| RoHs Status         | <div>RoHS</div> <div>Lead free / RoHS Compliant</div>                                                                                        |
| Stock Condition     | 16058 pcs stock                                                                                                                              |
| Ship From           | Hong Kong                                                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                        |

REQUEST FOR QUOTATION

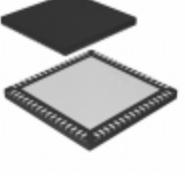
Specifications of ATSAM4LC8BA-MU

|                                  |                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAM4LC8BA-MU                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 64QFN                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                   |
| QUANTITY AVAILABLE               | 16058 pcs                                                                                                                                    |
| DATA SHEET                       | <div>PDF</div> <div>1.ATSAM4LC8BA-MU.pdf</div> <div>PDF</div> <div>2.ATSAM4LC8BA-MU.pdf</div> <div>PDF</div> <div>3.ATSAM4LC8BA-MU.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, LCD, POR, PWM, WDT                                                                                         |
| PACKAGING                        | Tray                                                                                                                                         |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                            |
| NUMBER OF I/O                    | 43                                                                                                                                           |
| 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                 | ATSAM4LC8                                                                                                                                    |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology ATSAM4LC8BA-MU | ATSAM4LC8BA-MU Distributor             | ATSAM4LC8BA-MU Supplier                               |
| ATSAM4LC8BA-MU Price                         | ATSAM4LC8BA-MU Pictures                | ATSAM4LC8BA-MU Image                                  |
| ATSAM4LC8BA-MU PDF Datasheet                 | ATSAM4LC8BA-MU Download Datasheet      | ATSAM4LC8BA-MU Datasheet                              |
| ATSAM4LC8BA-MU Stock                         | Buy ATSAM4LC8BA-MU                     | Buy Micrel / Microchip Technology ATSAM4LC8BA-MU      |
| Micrel / Microchip Technology ATSAM4LC8BA-MU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology ATSAM4LC8BA-MU | Microchip Technology ATSAM4LC8BA-MU    | Roving Networks / Microchip Technology ATSAM4LC8BA-MU |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div> <b>ATSAM4LC8BA-AU</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/> In stock: 26705 pcs </div> <div>RFQ</div>   |  <div> <b>ATSAM4LC8AA-MUR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 48QFN<br/> In stock: 20669 pcs </div> <div>RFQ</div>  |
|  <div> <b>ATSAM4LC8BA-UUR</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 64WLCSP<br/> In stock: 17064 pcs </div> <div>RFQ</div>          |  <div> <b>ATSAM4LC8BA-MUR</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 64QFN<br/> In stock: 14994 pcs </div> <div>RFQ</div>           |
|  <div> <b>ATSAM4LC8BA-AUR</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/> In stock: 11499 pcs </div> <div>RFQ</div>           |  <div> <b>ATSAM4LC8BA-AUR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 64TQFP<br/> In stock: 26349 pcs </div> <div>RFQ</div> |
|  <div> <b>ATSAM4LC8CA-AU</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/> In stock: 10978 pcs </div> <div>RFQ</div>  |  <div> <b>ATSAM4LC8AA-MU</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 48QFN<br/> In stock: 16657 pcs </div> <div>RFQ</div>   |
|  <div> <b>ATSAM4LC8BA-UUR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 64WLCSP<br/> In stock: 14820 pcs </div> <div>RFQ</div> |  <div> <b>ATSAM4LC8CA-AUR</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 100TQFP<br/> In stock: 13192 pcs </div> <div>RFQ</div>         |
|  <div> <b>ATSAM4LC8AA-MUR</b><br/> Manufacturers: Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 48QFN<br/> In stock: 17755 pcs </div> <div>RFQ</div>            |  <div> <b>ATSAM4LC8BA-MUR</b><br/> Manufacturers: Micrel / Microchip Technology<br/> Description: IC MCU 32BIT 512KB FLASH 64QFN<br/> In stock: 17786 pcs </div> <div>RFQ</div>  |