



Microchip Technology



**ATSAM4LC2AA-AUR**

|                     |                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATSAM4LC2AA-AUR                                                                                                           |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                             |
| Product description | IC MCU 32BIT 128KB FLASH 48TQFP                                                                                           |
| Datasheets:         |                                                                                                                           |
| RoHs Status         | <div>  Lead free / RoHS Compliant </div> |
| Stock Condition     | 24975 pcs stock                                                                                                           |
| Ship From           | Hong Kong                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                     |

REQUEST FOR QUOTATION

Specifications of ATSAM4LC2AA-AUR

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| PART NUMBER                      | ATSAM4LC2AA-AUR                                                              |
| MANUFACTURER                     | Microchip Technology                                                         |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 48TQFP                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                   |
| QUANTITY AVAILABLE               | 24975 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              | 128KB (128K x 8)                                                             |
| PROGRAM MEMORY SIZE              | I²C, IrDA, LIN, SPI, UART/USART, USB                                         |
| OTHER NAMES                      | 1611-ATSAM4LC2AA-AURDKR                                                      |
| OSCILLATOR TYPE                  | A/D 3x12b, D/A 1x10b                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                            |
| OPERATING SYSTEM                 | ARM® Cortex®-M4                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                |
| MANUFACTURER PART NUMBER         | ATSAM4LC2AA-AUR                                                              |
| EXPANDED DESCRIPTION             | ARM® Cortex®-M4 SAM4L Microcontroller IC 32-Bit 48MHz 128KB (128K x 8) FLASH |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 48TQFP                                              |
| DATA SRAM BYTES                  | -                                                                            |
| DATA CONVERTERS                  | 1.68 V ~ 3.6 V                                                               |
| CORE SIZE                        | 32K x 8                                                                      |
| CONTROLLER SERIES                | Internal                                                                     |
| CONNECTIVITY                     | 32-Bit                                                                       |
| CLOCK RATE                       | 27                                                                           |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology ATSAM4LC2AA-AUR | ATSAM4LC2AA-AUR Distributor            | ATSAM4LC2AA-AUR Supplier                               |
| ATSAM4LC2AA-AUR Price                         | ATSAM4LC2AA-AUR Pictures               | ATSAM4LC2AA-AUR Image                                  |
| ATSAM4LC2AA-AUR PDF Datasheet                 | ATSAM4LC2AA-AUR Download Datasheet     | ATSAM4LC2AA-AUR Datasheet                              |
| ATSAM4LC2AA-AUR Stock                         | Buy ATSAM4LC2AA-AUR                    | Buy Micrel / Microchip Technology ATSAM4LC2AA-AUR      |
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| Micrel / Microchip Technology ATSAM4LC2AA-AUR | Microchip Technology ATSAM4LC2AA-AUR   | Roving Networks / Microchip Technology ATSAM4LC2AA-AUR |

Related Products

|                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                             |
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| <div>  <div> <b>ATSAM4LC2AA-MU</b><br/>                     Manufacturers: Micrel / Microchip Technology<br/>                     Description: IC MCU 32BIT 128KB FLASH 48QFN<br/>                     In stock: 17944 pcs </div> <div>RFQ</div> </div>   | <div>  <div> <b>ATSAM4LC2BA-AUR</b><br/>                     Manufacturers: Microchip Technology<br/>                     Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>                     In stock: 24722 pcs </div> <div>RFQ</div> </div>         |
| <div>  <div> <b>ATSAM4LC2BA-AUR</b><br/>                     Manufacturers: Micrel / Microchip Technology<br/>                     Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>                     In stock: 34602 pcs </div> <div>RFQ</div> </div> | <div>  <div> <b>ATSAM4L-XPRO</b><br/>                     Manufacturers: Micrel / Microchip Technology<br/>                     Description: SAM4L XPLAINED PRO EVAL KIT<br/>                     In stock: 3247 pcs </div> <div>RFQ</div> </div>        |
| <div>  <div> <b>ATSAM4LC2BA-AU</b><br/>                     Manufacturers: Micrel / Microchip Technology<br/>                     Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>                     In stock: 39998 pcs </div> <div>RFQ</div> </div>  | <div>  <div> <b>ATSAM4L8-XPRO</b><br/>                     Manufacturers: Micrel / Microchip Technology<br/>                     Description: SAM4L XPLAINED PRO EVAL KIT<br/>                     In stock: 1555 pcs </div> <div>RFQ</div> </div>       |
| <div>  <div> <b>ATSAM4LC2AA-AUR</b><br/>                     Manufacturers: Micrel / Microchip Technology<br/>                     Description: IC MCU 32BIT 128KB FLASH 48TQFP<br/>                     In stock: 36587 pcs </div> <div>RFQ</div> </div> | <div>  <div> <b>ATSAM4L8-XSTK</b><br/>                     Manufacturers: Micrel / Microchip Technology<br/>                     Description: SAM4L XPLAINED PRO STARTER KIT<br/>                     In stock: 798 pcs </div> <div>RFQ</div> </div>     |
| <div>  <div> <b>ATSAM4LC2AA-MUR</b><br/>                     Manufacturers: Microchip Technology<br/>                     Description: IC MCU 32BIT 128KB FLASH 48QFN<br/>                     In stock: 22955 pcs </div> <div>RFQ</div> </div>           | <div>  <div> <b>ATSAM4LC2AA-MUR</b><br/>                     Manufacturers: Micrel / Microchip Technology<br/>                     Description: IC MCU 32BIT 128KB FLASH 48QFN<br/>                     In stock: 22142 pcs </div> <div>RFQ</div> </div> |
| <div>  <div> <b>ATSAM4LC2AA-AU</b><br/>                     Manufacturers: Micrel / Microchip Technology<br/>                     Description: IC MCU 32BIT 128KB FLASH 48TQFP<br/>                     In stock: 26795 pcs </div> <div>RFQ</div> </div>  | <div>  <div> <b>ATSAM4L-XSTK</b><br/>                     Manufacturers: Micrel / Microchip Technology<br/>                     Description: SAM4L XPLAINED PRO STARTER KIT<br/>                     In stock: 4031 pcs </div> <div>RFQ</div> </div>     |