



Micrel / Microchip Technology

## ATSAM4LS4AA-MU

Part Number:	ATSAM4LS4AA-MU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 256KB FLASH 48QFN
Datasheets:	<a href="#">1.ATSAM4LS4AA-MU.pdf</a> <a href="#">2.ATSAM4LS4AA-MU.pdf</a> <a href="#">3.ATSAM4LS4AA-MU.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	21800 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of ATSAM4LS4AA-MU

PART NUMBER	ATSAM4LS4AA-MU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 256KB FLASH 48QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	21800 pcs
DATA SHEET	<a href="#">1.ATSAM4LS4AA-MU.pdf</a> <a href="#">2.ATSAM4LS4AA-MU.pdf</a> <a href="#">3.ATSAM4LS4AA-MU.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.68 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-QFN (7x7)
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, I <sup>2</sup> S, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	48-VFQFN Exposed Pad
OTHER NAMES	ATSAM4LS4AAMU
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	32
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 256KB (256K x 8) FLASH 48-QFN (7x7)
DATA CONVERTERS	A/D 3x12b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART, USB
BASE PART NUMBER	ATSAM4LS4

### Related Tags

Micrel / Microchip Technology ATSAM4LS4AA-MU	ATSAM4LS4AA-MU Distributor	ATSAM4LS4AA-MU Supplier
ATSAM4LS4AA-MU Price	ATSAM4LS4AA-MU Pictures	ATSAM4LS4AA-MU Image
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### Related Products

<p><b>ATSAM4LS4BA-AUR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 37291 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ATSAM4LS4BA-AUR</b> Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 21225 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ATSAM4LS4AA-MUR</b> Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48QFN In stock: 24591 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ATSAM4LS4AA-AU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48TQFP In stock: 46262 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ATSAM4LS2CA-CFUR</b> Manufacturers: Microchip Technology Description: IC MCU 32BIT 128KB FLASH 100BGA In stock: 22697 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ATSAM4LS4BA-MU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: 19606 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ATSAM4LS4BA-AU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 20675 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ATSAM4LS4AA-AUR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48TQFP In stock: 38344 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ATSAM4LS2CA-CFUR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 100BGA In stock: 33002 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ATSAM4LS2CA-CFU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 100BGA In stock: 38260 pcs</p> <p><a href="#">RFQ</a></p>
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