




Micrel / Microchip Technology

ATSAM4LC4AA-AU

Part Number: ATSAM4LC4AA-AU
 Manufacturer/Brand: Micrel / Microchip Technology
 Product description: IC MCU 32BIT 256KB FLASH 48TQFP
 Datasheets: [1. ATSAM4LC4AA-AU.pdf](#)
[2. ATSAM4LC4AA-AU.pdf](#)
[3. ATSAM4LC4AA-AU.pdf](#)
 RoHS Status:  Lead free / RoHS Compliant
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

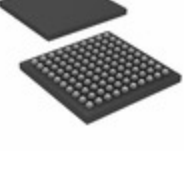
Specifications of ATSAM4LC4AA-AU

PART NUMBER	ATSAM4LC4AA-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 256KB FLASH 48TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1. ATSAM4LC4AA-AU.pdf 2. ATSAM4LC4AA-AU.pdf 3. ATSAM4LC4AA-AU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.68 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-TQFP (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 ² S, LCD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	48-TQFP
OTHER NAMES	1611-ATSAM4LC4AA-AU
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	27
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	16 Weeks
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-TQFP (7x7)
DATA CONVERTERS	A/D 3x12b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I ² C, IrDA, LINbus, SPI, UART/USART, USB

Related Tags

Micrel / Microchip Technology ATSAM4LC4AA-AU	ATSAM4LC4AA-AU Distributor	ATSAM4LC4AA-AU Supplier
ATSAM4LC4AA-AU Price	ATSAM4LC4AA-AU Pictures	ATSAM4LC4AA-AU Image
ATSAM4LC4AA-AU PDF Datasheet	ATSAM4LC4AA-AU Download Datasheet	ATSAM4LC4AA-AU Datasheet
ATSAM4LC4AA-AU Stock	Buy ATSAM4LC4AA-AU	Buy Micrel / Microchip Technology ATSAM4LC4AA-AU
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Related Products

 <p>ATSAM4LC4AA-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48QFN In stock: 355 pcs RFQ</p>	 <p>ATSAM4LC2CA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 100TQFP In stock: Out stock RFQ</p>
 <p>ATSAM4LC4AA-MUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48QFN In stock: Out stock RFQ</p>	 <p>ATSAM4LC4AA-MUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48QFN In stock: Out stock RFQ</p>
 <p>ATSAM4LC2CA-CFU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 100BGA In stock: 185 pcs RFQ</p>	 <p>ATSAM4LC2CA-CFUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 100BGA In stock: 887 pcs RFQ</p>
 <p>ATSAM4LC2CA-AUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 128KB FLASH 100TQFP In stock: 939 pcs RFQ</p>	 <p>ATSAM4LC4AA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48TQFP In stock: Out stock RFQ</p>
 <p>ATSAM4LC2CA-AU Manufacturers: Microchip Technology Description: IC MCU 32BIT 128KB FLASH 100TQFP In stock: 425 pcs RFQ</p>	 <p>ATSAM4LC4AA-AUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48TQFP In stock: Out stock RFQ</p>
 <p>ATSAM4LC2CA-CFUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 128KB FLASH 100BGA In stock: 887 pcs RFQ</p>	 <p>ATSAM4LC4BA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: Out stock RFQ</p>