



Micrel / Microchip Technology

ATSAM4LS2AA-MUR

Part Number:	ATSAM4LS2AA-MUR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 128KB FLASH 48QFN 1.ATSAM4LS2AA-MUR.pdf 2.ATSAM4LS2AA-MUR.pdf 3.ATSAM4LS2AA-MUR.pdf
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	17441 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 ATSAM4LS2AA-MUR

PART NUMBER	ATSAM4LS2AA-MUR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 128KB FLASH 48QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	17441 pcs
DATA SHEET	1.ATSAM4LS2AA-MUR.pdf 2.ATSAM4LS2AA-MUR.pdf 3.ATSAM4LS2AA-MUR.pdf
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	128KB (128K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	48-VFQFN Exposed Pad
OTHER NAMES	ATSAM4LS2AA-MURCT
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 128KB (128K 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 ² C, IrDA, LINbus, SPI, UART/USART, USB
BASE PART NUMBER	ATSAM4LS2

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<p>ATSAM4LS2AA-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48QFN In stock: 21734 pcs</p> <p>RFQ</p>	<p>ATSAM4LS2BA-MUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 128KB FLASH 64QFN In stock: 23334 pcs</p> <p>RFQ</p>
<p>ATSAM4LC8CA-CFUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 12689 pcs</p> <p>RFQ</p>	<p>ATSAM4LS2AA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48TQFP In stock: 17485 pcs</p> <p>RFQ</p>
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<p>ATSAM4LS2BA-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 64QFN In stock: 18265 pcs</p> <p>RFQ</p>	<p>ATSAM4LS2AA-MUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48QFN In stock: 23248 pcs</p> <p>RFQ</p>
<p>ATSAM4LS2AA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48TQFP In stock: 26314 pcs</p> <p>RFQ</p>	<p>ATSAM4LS2BA-AUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 128KB FLASH 64TQFP In stock: 20120 pcs</p> <p>RFQ</p>