



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAM4S2AA-AU

Part Number:	ATSAM4S2AA-AU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 128KB FLASH 48LQFP
Datasheets:	 1.ATSAM4S2AA-AU.pdf  2.ATSAM4S2AA-AU.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	30881 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

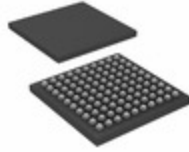
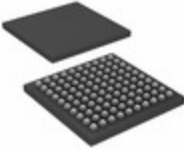
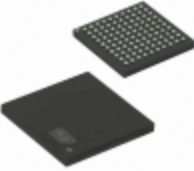
Specifications of ATSAM4S2AA-AU

PART NUMBER	ATSAM4S2AA-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 128KB FLASH 48LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	30881 pcs
DATA SHEET	 1.ATSAM4S2AA-AU.pdf  2.ATSAM4S2AA-AU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-LQFP (7x7)
SPEED	120MHz
SERIES	SAM4S
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	48-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	34
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 SAM4S Microcontroller IC 32-Bit 120MHz 128KB (128K x 8) FLASH 48-LQFP (7x7)
DATA CONVERTERS	A/D 8x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I²C, IrDA, Memory Card, SPI, SSC, UART/USART, USB
BASE PART NUMBER	ATSAM4S2

Related Tags

Micrel / Microchip Technology ATSAM4S2AA-AU	ATSAM4S2AA-AU Distributor	ATSAM4S2AA-AU Supplier
ATSAM4S2AA-AU Price	ATSAM4S2AA-AU Pictures	ATSAM4S2AA-AU Image
ATSAM4S2AA-AU PDF Datasheet	ATSAM4S2AA-AU Download Datasheet	ATSAM4S2AA-AU Datasheet
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Related Products

 ATSAM4S16CB-CFNR Manufacturers: Micrel / Microchip Technology Description: FLASH,128K SRAM In stock: 19565 pcs RFQ	 ATSAM4S2AB-AN Manufacturers: Micrel / Microchip Technology Description: FLASH,64K SRAM In stock: 33760 pcs RFQ
 ATSAM4S2AB-MN Manufacturers: Micrel / Microchip Technology Description: FLASH,64K SRAM In stock: 37348 pcs RFQ	 ATSAM4S2AB-MNR Manufacturers: Micrel / Microchip Technology Description: FLASH,64K SRAM In stock: 37100 pcs RFQ
 ATSAM4S2AB-ANR Manufacturers: Micrel / Microchip Technology Description: FLASH,64K SRAM In stock: 29715 pcs RFQ	 ATSAM4S16CB-CFN Manufacturers: Micrel / Microchip Technology Description: FLASH,128K SRAM In stock: 13026 pcs RFQ
 ATSAM4S2BA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: 32740 pcs RFQ	 ATSAM4S16CA-CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 18730 pcs RFQ
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 ATSAM4S16CB-ANR Manufacturers: Micrel / Microchip Technology Description: FLASH,128K SRAM In stock: 15383 pcs RFQ	 ATSAM4S16CA-CUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 14924 pcs RFQ