




Micrel / Microchip Technology

ATSAM4S4AA-MU

Part Number:	ATSAM4S4AA-MU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 256KB FLASH 48QFN
Datasheets:	1.ATSAM4S4AA-MU.pdf 2.ATSAM4S4AA-MU.pdf
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.



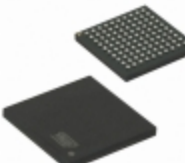

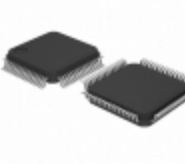


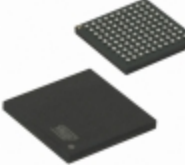
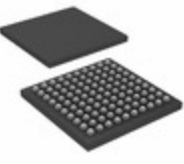
Specifications of ATSAM4S4AA-MU

PART NUMBER	ATSAM4S4AA-MU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 256KB FLASH 48QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.ATSAM4S4AA-MU.pdf 2.ATSAM4S4AA-MU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-QFN (7x7)
SPEED	120MHz
SERIES	SAM4S
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	48-VFQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	34
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	13 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 SAM4S Microcontroller IC 32-Bit 120MHz 256KB (256K x 8) FLASH 48-QFN (7x7)
DATA CONVERTERS	A/D 8x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I ² C, IrDA, Memory Card, SPI, SSC, UART/USART, USB
BASE PART NUMBER	ATSAM4S4

Related Tags

Micrel / Microchip Technology ATSAM4S4AA-MU	ATSAM4S4AA-MU Distributor	ATSAM4S4AA-MU Supplier
ATSAM4S4AA-MU Price	ATSAM4S4AA-MU Pictures	ATSAM4S4AA-MU Image
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 <p>ATSAM4S4AA-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48LQFP In stock: Out stock RFQ</p>	 <p>ATSAM4S4AB-ANR Manufacturers: Micrel / Microchip Technology Description: FLASH,64K SRAM In stock: Out stock RFQ</p>
 <p>ATSAM4S4AB-MNR Manufacturers: Micrel / Microchip Technology Description: FLASH,64K SRAM In stock: Out stock RFQ</p>	 <p>ATSAM4S2CB-CN Manufacturers: Micrel / Microchip Technology Description: FLASH,64K SRAM In stock: 420 pcs RFQ</p>
 <p>ATSAM4S4BA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 220 pcs RFQ</p>	 <p>ATSAM4S4BA-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: Out stock RFQ</p>
 <p>ATSAM4S2CB-CFN Manufacturers: Micrel / Microchip Technology Description: FLASH,64K SRAM In stock: 520 pcs RFQ</p>	 <p>ATSAM4S4AA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48LQFP In stock: 296 pcs RFQ</p>
 <p>ATSAM4S4AB-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48LQFP In stock: 498 pcs RFQ</p>	 <p>ATSAM4S2CB-CNR Manufacturers: Micrel / Microchip Technology Description: FLASH,64K SRAM In stock: Out stock RFQ</p>
 <p>ATSAM4S2CB-CFNR Manufacturers: Micrel / Microchip Technology Description: FLASH,64K SRAM In stock: Out stock RFQ</p>	 <p>ATSAM4S4AB-MN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48QFN In stock: Out stock RFQ</p>

