



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAM4S8BA-AU

Part Number:	ATSAM4S8BA-AU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 512KB FLASH 64LQFP
	PDF 1.ATSAM4S8BA-AU.pdf PDF 2.ATSAM4S8BA-AU.pdf
Datasheets:	
RoHs Status	✓ RoHS Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

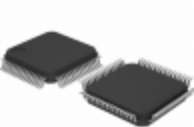
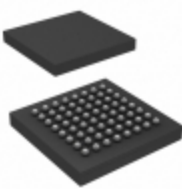
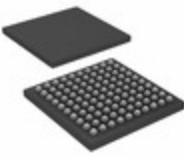
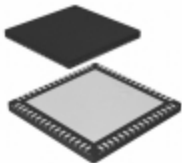
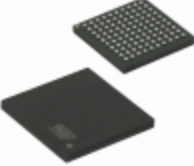
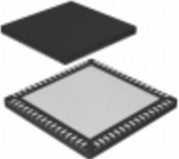
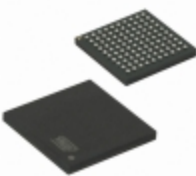
Specifications of ATSAM4S8BA-AU

PART NUMBER	ATSAM4S8BA-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 64LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.ATSAM4S8BA-AU.pdf PDF 2.ATSAM4S8BA-AU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-LQFP (10x10)
SPEED	120MHz
SERIES	SAM4S
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-LQFP
OTHER NAMES	ATSAM4S8BAAU
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	47
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	18 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 SAM4S Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 64-LQFP (10x10)
DATA CONVERTERS	A/D 11x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I²C, IrDA, Memory Card, SPI, SSC, UART/USART, USB
BASE PART NUMBER	ATSAM4S8

Related Tags

Micrel / Microchip Technology ATSAM4S8BA-AU	ATSAM4S8BA-AU Distributor	ATSAM4S8BA-AU Supplier
ATSAM4S8BA-AU Price	ATSAM4S8BA-AU Pictures	ATSAM4S8BA-AU Image
ATSAM4S8BA-AU PDF Datasheet	ATSAM4S8BA-AU Download Datasheet	ATSAM4S8BA-AU Datasheet
ATSAM4S8BA-AU Stock	Buy ATSAM4S8BA-AU	Buy Micrel / Microchip Technology ATSAM4S8BA-AU
Micrel / Microchip Technology ATSAM4S8BA-AU	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATSAM4S8BA-AU	Microchip Technology ATSAM4S8BA-AU	Roving Networks / Microchip Technology ATSAM4S8BA-AU

Related Products

 ATSAM4S8BA-UUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64WLCSP In stock: Out stock RFQ	 ATSAM4S8BA-ANR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: Out stock RFQ
 ATSAM4S8BA-UUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64WLCSP In stock: Out stock RFQ	 ATSAM4S4CB-CFNR Manufacturers: Micrel / Microchip Technology Description: FLASH,64K SRAM In stock: Out stock RFQ
 ATSAM4S8BA-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64QFN In stock: 128 pcs RFQ	 ATSAM4S8BA-MUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64QFN In stock: Out stock RFQ
 ATSAM4S8BA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: Out stock RFQ	 ATSAM4S4CB-CNR Manufacturers: Micrel / Microchip Technology Description: FLASH,64K SRAM In stock: Out stock RFQ
 ATSAM4S8BA-ANR Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: Out stock RFQ	 ATSAM4S8BA-MUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64QFN In stock: Out stock RFQ
 ATSAM4S4CB-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 100BGA In stock: Out stock RFQ	 ATSAM4S8BA-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 310 pcs RFQ