



Micrel / Microchip Technology



ATSAM4S8CA-AU

Part Number:	ATSAM4S8CA-AU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 512KB FLASH 100LQFP
	PDF 1.ATSAM4S8CA-AU.pdf PDF 2.ATSAM4S8CA-AU.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	16998 pcs stock
Stock Condition	Hong Kong
Ship From	DHL/Fedex/TNT/UPS/EMS
Shipment Way	

REQUEST FOR QUOTATION

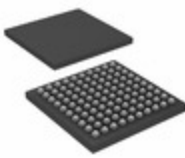
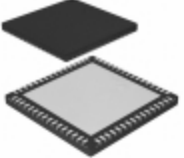
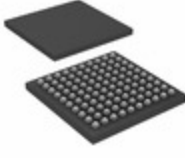
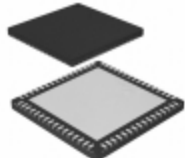
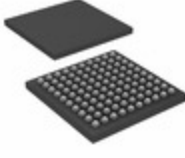
Specifications of ATSAM4S8CA-AU

PART NUMBER	ATSAM4S8CA-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	16998 pcs
DATA SHEET	PDF 1.ATSAM4S8CA-AU.pdf PDF 2.ATSAM4S8CA-AU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
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	100-LQFP
OTHER NAMES	ATSAM4S8CAAU
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	79
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 512KB (512K x 8) FLASH 100-LQFP (14x14)
DATA CONVERTERS	A/D 16x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	EBI/EMI, I²C, IrDA, Memory Card, SPI, SSC, UART/USART, USB
BASE PART NUMBER	ATSAM4S8

Related Tags

Micrel / Microchip Technology ATSAM4S8CA-AU	ATSAM4S8CA-AU Distributor	ATSAM4S8CA-AU Supplier
ATSAM4S8CA-AU Price	ATSAM4S8CA-AU Pictures	ATSAM4S8CA-AU Image
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Related Products

 ATSAM4S8CA-CFN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 31439 pcs RFQ	 ATSAM4S8BB-MN Manufacturers: Micrel / Microchip Technology Description: FLASH,128K SRAM In stock: 23884 pcs RFQ
 ATSAM4S8CA-AUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 20778 pcs RFQ	 ATSAM4S8CA-CFU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 23520 pcs RFQ
 ATSAM4S8CA-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 37741 pcs RFQ	 ATSAM4S8CA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 21374 pcs RFQ
 ATSAM4S8BB-MNR Manufacturers: Micrel / Microchip Technology Description: FLASH,128K SRAM In stock: 20616 pcs RFQ	 ATSAM4S8CA-CFNR Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 21251 pcs RFQ
 ATSAM4S8CA-CFNR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 22866 pcs RFQ	 ATSAM4S8CA-ANR Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 21619 pcs RFQ
 ATSAM4S8BB-UUR Manufacturers: Micrel / Microchip Technology Description: FLASH,128K SRAM In stock: 24640 pcs RFQ	 ATSAM4S8CA-ANR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 22202 pcs RFQ