



ATSAM4N8CA-CU

Part Number:	ATSAM4N8CA-CU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 512KB FLASH 100BGA
Datasheets:	PDF 1.ATSAM4N8CA-CU.pdf PDF 2..ATSAM4N8CA-CU.pdf
RoHs Status	RoHS Lead free / RoHS Compliant
Stock Condition	26498 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Specifications of ATSAM4N8CA-CU

PART NUMBER	ATSAM4N8CA-CU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	26498 pcs
DATA SHEET	PDF 1.ATSAM4N8CA-CU.pdf PDF 2.ATSAM4N8CA-CU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TFBGA (9x9)
SPEED	100MHz
SERIES	SAM4N
RAM SIZE	64K 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-TFBGA
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 SAM4N Microcontroller IC 32-Bit 100MHz 512KB (512K x 8) FLASH 100-TFBGA (9x9)
DATA CONVERTERS	A/D 17x10b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I²C, IrDA, SPI, UART/USART
BASE PART NUMBER	ATSAM4N8

Related Tags

Micrel / Microchip Technology ATSAM4N8CA-CU	ATSAM4N8CA-CU Distributor	ATSAM4N8CA-CU Supplier
ATSAM4N8CA-CU Price	ATSAM4N8CA-CU Pictures	ATSAM4N8CA-CU Image
ATSAM4N8CA-CU PDF Datasheet	ATSAM4N8CA-CU Download Datasheet	ATSAM4N8CA-CU Datasheet
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Related Products

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 ATSAM4N8CA-CFU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 23870 pcs RFQ	 ATSAM4N8CA-CFUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 22218 pcs RFQ
 ATSAM4N8CA-CUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 22798 pcs RFQ	 ATSAM4S-XPLD Manufacturers: Micrel / Microchip Technology Description: SAM4S16 XPLAINED KIT In stock: 981 pcs RFQ
 ATSAM4N8CA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 25346 pcs RFQ	 ATSAM4S-WPIR-RD Manufacturers: Micrel / Microchip Technology Description: SAM4S16 PIR CAMERA REF DESIGN In stock: 5878 pcs RFQ
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 ATSAM4S-EK Manufacturers: Micrel / Microchip Technology Description: EVAL KIT FOR SAM4S8 & SAM4S16 In stock: 3406 pcs RFQ	 ATSAM4S-EK2 Manufacturers: Micrel / Microchip Technology Description: EVAL KIT FOR SAM4S8 & SAM4S16 In stock: 5430 pcs RFQ