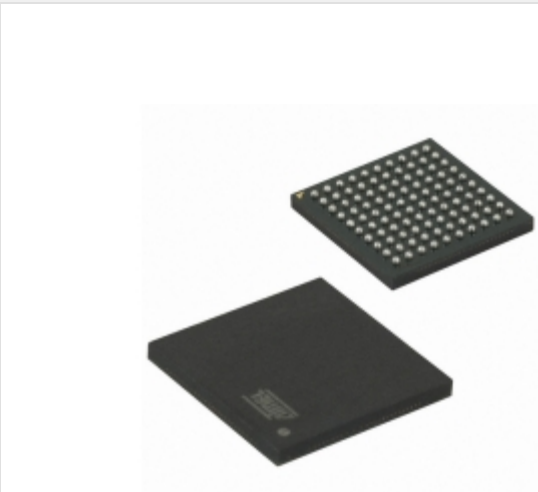


ATSAM4N8CA-CU





Part Number:

ATSAM4N8CA-CU

Manufacturer

Micrel / Microchip Technology

Description

IC MCU 32BIT 512KB FLASH 100BGA

Data sheet:

 [SAM4N8,16 Series](#)

 [SAM4N Series Prod Brief](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

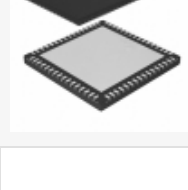
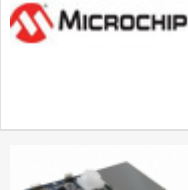
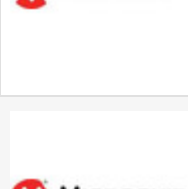
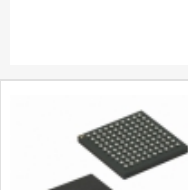
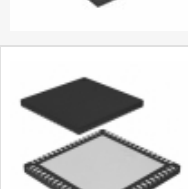
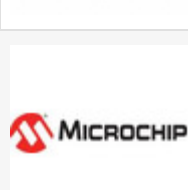
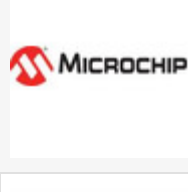
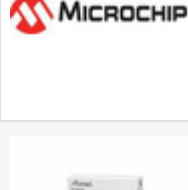
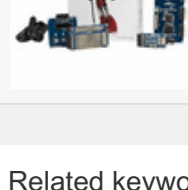
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
Buy ATSAM4N8CA-CU with confidence from
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Request For Quotation

PRODUCT PARAMETER			
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	27770 pcs	Data sheet	SAM4N8,16 Series SAM4N Series Prod Brief
Category	Integrated Circuits (ICs)	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)	Manufacturer Standard Lead Time	16 Weeks
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
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RELATED PRODUCTS			
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	Part#: ATSAM4S-XPLD Description: SAM4S16 XPLAINED KIT	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4N8CA-CFU Description: IC MCU 32BIT 512KB FLASH 100BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4N8BA-MU Description: IC MCU 32BIT 512KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S16BA-AN Description: IC MCU 32BIT 1MB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S-WPIR-RD Description: SAM4S16 PIR CAMERA REF DESIGN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4N8CA-AUR Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S16BA-AU Description: IC MCU 32BIT 1MB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4N8CA-CUR Description: IC MCU 32BIT 512KB FLASH 100BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4N8CA-CFUR Description: IC MCU 32BIT 512KB FLASH 100BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4N8BA-MUR Description: IC MCU 32BIT 512KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S16BA-ANR Description: IC MCU 32BIT 1MB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4N8BA-AU Description: IC MCU 32BIT 512KB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4N8AA-MUR Description: IC MCU 32BIT 512KB FLASH 48QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4N8AA-MU Description: IC MCU 32BIT 512KB FLASH 48QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4N8CA-AU Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S-XPRO Description: SAM4S XPLAINED PRO EVAL KIT	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S-EK2 Description: EVAL KIT FOR SAM4S8 & SAM4S16	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4N8BA-AUR Description: IC MCU 32BIT 512KB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S-XSTK Description: SAM4S XPLAINED PRO STARTER KIT	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for ATSAM4N8CA-CU			
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