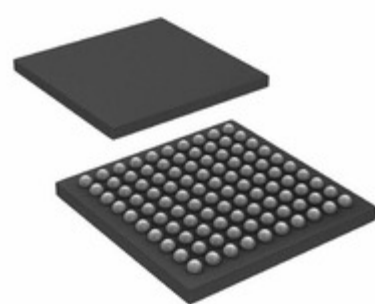


ATSAM4N8CA-CFUR





Part Number: [ATSAM4N8CA-CFUR](#)

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

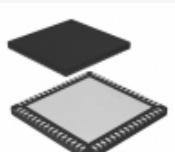
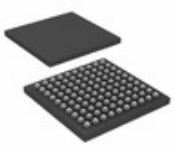
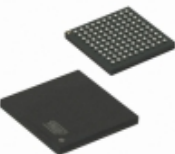
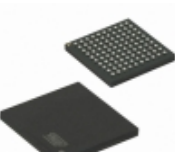
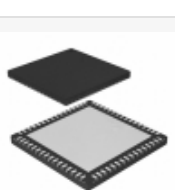
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATSAM4N8CA-CFUR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 512KB FLASH 100BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	28531 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-VFBGA (7x7)	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	Tape & Reel (TR)
Package / Case	100-VFBGA	Other Names	ATSAM4N8CA-CFURTR
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-VFBGA (7x7)
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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	Part#: ATSAM4N8AA-MU Description: IC MCU 32BIT 512KB FLASH 48QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4N8AA-MUR Description: IC MCU 32BIT 512KB FLASH 48QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S-EK2 Description: EVAL KIT FOR SAM4S8 & SAM4S16	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4N8BA-MUR Description: IC MCU 32BIT 512KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4N8CA-CFU Description: IC MCU 32BIT 512KB FLASH 100BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S-XPRO Description: SAM4S XPLAINED PRO EVAL KIT	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4N8CA-CU Description: IC MCU 32BIT 512KB FLASH 100BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S16BA-ANR Description: IC MCU 32BIT 1MB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAM4S-EK Description: EVAL KIT FOR SAM4S8 & SAM4S16	Manufacturers: Micrel / Microchip Technology	RFQ
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