

ATSAM3N4CA-AU



Part Number: [ATSAM3N4CA-AU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 256KB FLASH 100LQFP

Data sheet:  [SAM3N Series Summary](#)

RoHs Status: Lead free / RoHS Compliant

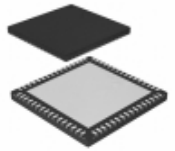
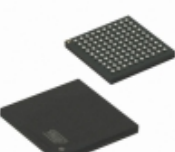
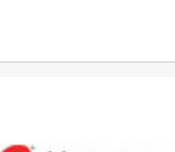
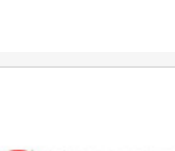
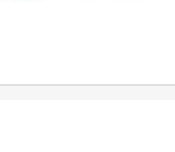
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATSAM3N4CA-AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 256KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5396 pcs	Data sheet	SAM3N Series Summary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	100-LQFP (14x14)	Speed	48MHz
Series	SAM3N	RAM Size	24K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	100-LQFP	Other Names	ATSAM3N4CAAU
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®-M3 SAM3N Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 100-LQFP (14x14)	Data Converters	A/D 16x10b; D/A 1x10b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M3
Connectivity	I²C, IrDA, SPI, UART/USART	Base Part Number	ATSAM3N4
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	Part#: ATSAM3N4BA-AU Description: IC MCU 32BIT 256KB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM3N2CA-CU Description: IC MCU 32BIT 128KB FLASH 100BGA	Manufacturers: Micrel / Microchip Technology	RFQ
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