

ATSAM3A4CA-AU



Part Number: [ATSAM3A4CA-AU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 256KB FLASH 100LQFP

Data sheet:  [SAM3X/A Series](#)

RoHs Status: Lead free / RoHS Compliant

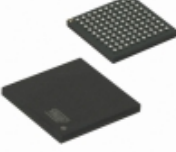
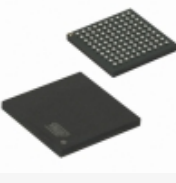
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATSAM3A4CA-AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 256KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	11793 pcs	Data sheet	SAM3X/A Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	100-LQFP (14x14)	Speed	84MHz
Series	SAM3A	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Packaging	Tray
Package / Case	100-LQFP	Other Names	ATSAM3A4CAAU
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	63	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M3 SAM3A Microcontroller IC 32-Bit 84MHz 256KB (256K x 8) FLASH 100-LQFP (14x14)
Data Converters	A/D 16x12b, D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	CANbus, I ² C, IrDA, LINbus, MMC, SPI, SSC, UART/USART, USB
Base Part Number	ATSAM3A4		
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	Part#: ATSAM3N00AA-AUR Description: IC MCU 32BIT 16KB FLASH 48LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAM3N00AA-AU Description: IC MCU 32BIT 16KB FLASH 48LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSa6Y Description: CONN TERM BLK DISCONNECT 8-16AWG	Manufacturers: Amphenol Pcd	RFQ
	Part#: ATSAM3N00BA-AUR Description: IC MCU 32BIT 16KB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ

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