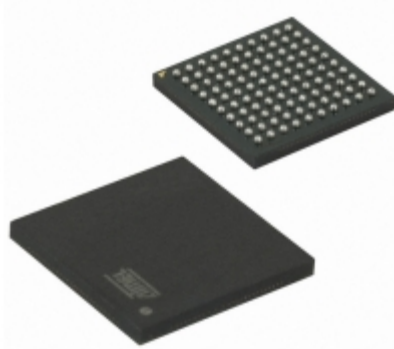


ATSAM3S4CA-CU



Images are for reference only.
See Product Specifications for product details.
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Part Number: [ATSAM3S4CA-CU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 256KB FLASH 100BGA

Data sheet:  [SAM3S Series Summary](#)

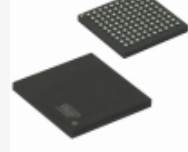
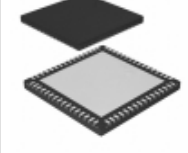
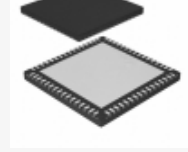
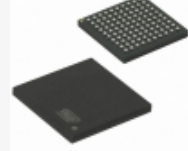
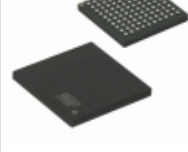
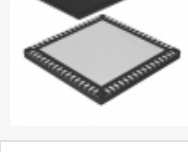
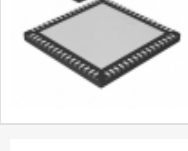
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

PRODUCT PARAMETER			
Part Number	ATSAM3S4CA-CU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 256KB FLASH 100BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	17844 pcs	Data sheet	SAM3S Series Summary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	100-TFBGA (9x9)	Speed	64MHz
Series	SAM3S	RAM Size	48K 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-TFBGA	Other Names	ATSAM3S4CACU
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	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M3 SAM3S Microcontroller IC 32-Bit 64MHz 256KB (256K x 8) FLASH 100-TFBGA (9x9)
Data Converters	A/D 15x10/12b, D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	EBI/EMI, I ² C, Memory Card, SPI, SSC, UART/USART, USB
Base Part Number	ATSAM3S4		
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	Part#: ATSAM3S8CA-AUR Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM3S4AA-AU Description: IC MCU 32BIT 256KB FLASH 48LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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