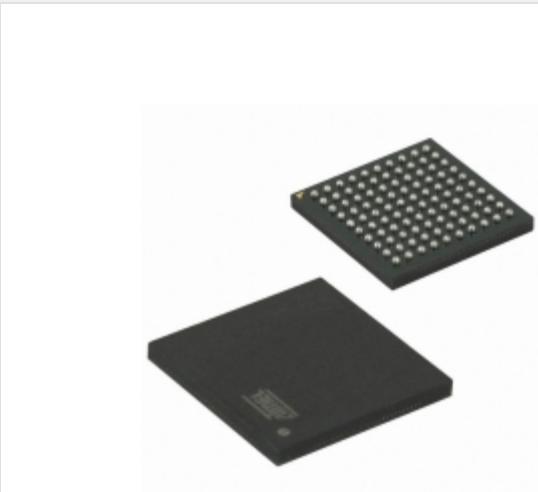


ATSAM3U1CA-CU





Part Number: [ATSAM3U1CA-CU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 64KB FLASH 100TFBGA

Data sheet:  [SAM3U Series](#)

RoHs Status: Lead free / RoHS Compliant

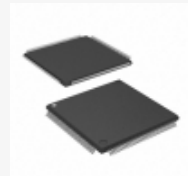
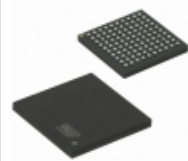
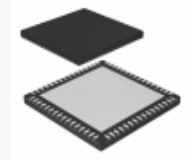
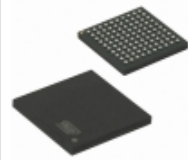
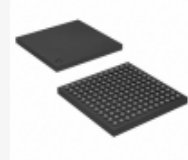
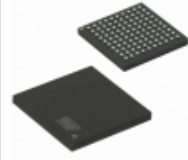
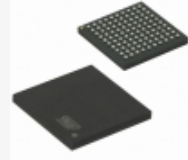
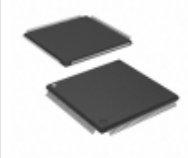
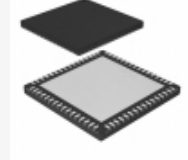
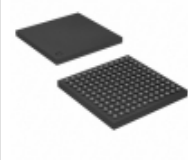
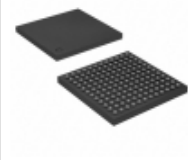
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	ATSAM3U1CA-CU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 64KB FLASH 100TFBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	11011 pcs	Data sheet	SAM3U Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	100-TFBGA (9x9)	Speed	96MHz
Series	SAM3U	RAM Size	20K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Packaging	Tray
Package / Case	100-TFBGA	Other Names	ATSAM3U1CACU
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	57	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M3 SAM3U Microcontroller IC 32-Bit 96MHz 64KB (64K x 8) FLASH 100-TFBGA (9x9)	Data Converters	A/D 4x10b, 4x12b
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	ATSAM3U1
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	Part#: ATSAM3SD8CA-AU Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: Microchip Technology	RFQ
	Part#: ATSAM3U1CB-AU Description: IC MCU 32BIT 64KB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM3U-EK Description: KIT EVAL FOR AT91SAM3U CORTEX	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM3U2CA-AU Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM3SD8CA-CU Description: IC MCU 32BIT 512KB FLASH 100BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM3SD8BA-MUR Description: IC MCU 32BIT 512KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM3U1CB-CU Description: IC MCU 32BIT 64KB FLASH 100TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM3U2EA-CU Description: IC MCU 32BIT 128KB FLASH 144BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM3SD8CA-CUR Description: IC MCU 32BIT 512KB FLASH 100BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM3U2CA-CU Description: IC MCU 32BIT 128KB FLASH 100BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM3U1EB-AU Description: IC MCU 32BIT 64KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM3SD8BA-MU Description: IC MCU 32BIT 512KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM3U1EA-CU Description: IC MCU 32BIT 64KB FLASH 144BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM3SD8BA-AUR Description: IC MCU 32BIT 512KB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM3U1EB-CU Description: IC MCU 32BIT 64KB FLASH 144BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM3U1CA-AU Description: IC MCU 32BIT 64KB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM3U1EA-AU Description: IC MCU 32BIT 64KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM3SD8BA-AU Description: IC MCU 32BIT 512KB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for ATSAM3U1CA-CU

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