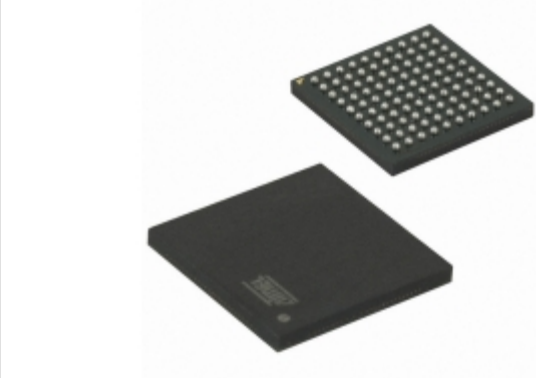


ATSAM4S16CA-CUR





Part Number: [ATSAM4S16CA-CUR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 1MB FLASH 100TFBGA

Data sheet:

RoHs Status: Lead free / RoHS Compliant

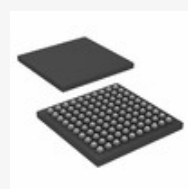
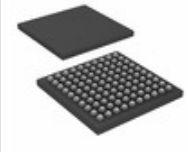
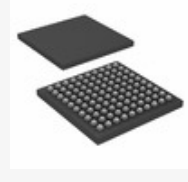
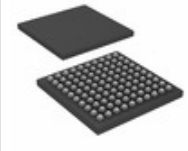
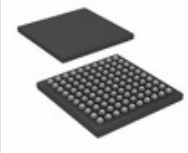
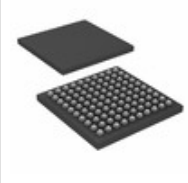
Ship From: Hong Kong

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	ATSAM4S16CA-CUR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 1MB FLASH 100TFBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	19824 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	100-TFBGA (9x9)	Speed	120MHz
Series	SAM4S	RAM Size	128K x 8
Program Memory Type	FLASH	Program Memory Size	1MB (1M x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	100-TFBGA	Other Names	ATSAM4S16CA-CURTR
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	11 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M4 SAM4S Microcontroller IC 32-Bit 120MHz 1MB (1M x 8) FLASH 100-TFBGA (9x9)
Data Converters	A/D 16x12b, D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4	Connectivity	EBI/EMI, I²C, IrDA, Memory Card, SPI, SSC, UART/USART, USB
Base Part Number	ATSAM4S16		
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	Part#: ATSAM4S16CB-CFN Description: FLASH,128K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S2AA-AU Description: IC MCU 32BIT 128KB FLASH 48LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S2AB-MN Description: FLASH,64K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S16CA-CFU Description: IC MCU 32BIT 1MB FLASH 100VFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S16CA-CFN Description: IC MCU 32BIT 1MB FLASH 100VFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S2AB-AN Description: FLASH,64K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S2AB-ANR Description: FLASH,64K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S16CA-AN Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S16CA-AU Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S16CB-AN Description: FLASH,128K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S16CA-AUR Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S16CA-CU Description: IC MCU 32BIT 1MB FLASH 100TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAM4S16CA-ANR Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S16CA-CFNR Description: IC MCU 32BIT 1MB FLASH 100VFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S16CB-ANR Description: FLASH,128K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S2AA-MU Description: IC MCU 32BIT 128KB FLASH 48QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S2AB-MNR Description: FLASH,64K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ

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