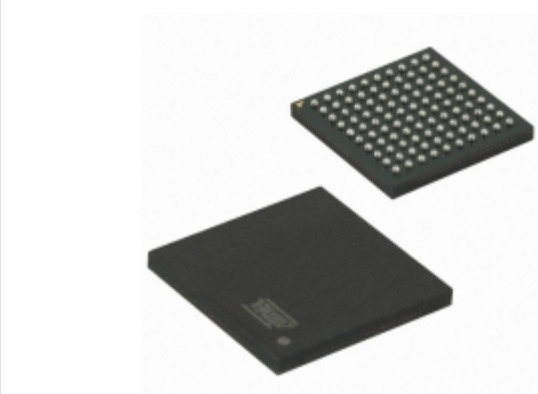


ATSAM4SD16CA-CU





Part Number: [ATSAM4SD16CA-CU](#)

Manufacturer [Micrel / Microchip Technology](#)

Description IC MCU 32BIT 1MB FLASH 100TFBGA

Data sheet:  [SAM4S Series Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

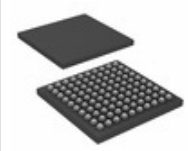
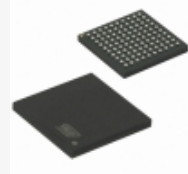
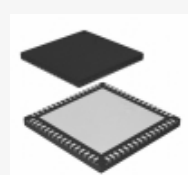
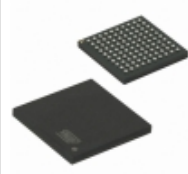
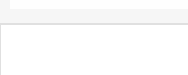
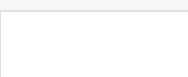
Ship From: Hong Kong

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	ATSAM4SD16CA-CU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 1MB FLASH 100TFBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	25775 pcs	Data sheet	SAM4S Series Datasheet
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	160K x 8
Program Memory Type	FLASH	Program Memory Size	1MB (1M x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	100-TFBGA	Other Names	1611-ATSAM4SD16CA-CU
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	17 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, I ² C, IrDA, Memory Card, SPI, SSC, UART/USART, USB
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	Part#: ATSAM4SD16BB-UUR Description: FLASH,160K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4SD16BB-MNR Description: FLASH,160K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4SD16CA-AN Description: IC MCU 32BIT 1MB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAM4SD16CB-CNR Description: FLASH,160K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAM4SD32BA-AN Description: IC MCU 32BIT 2MB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4SD16CB-CFNR Description: FLASH,160K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4SD16BB-AN Description: FLASH,160K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4SD32BA-ANR Description: IC MCU 32BIT 2MB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4SD16CA-AUR Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4SD16BB-MN Description: FLASH,160K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4SD16CA-ANR Description: IC MCU 32BIT 1MB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4SD32BA-AU Description: IC MCU 32BIT 2MB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4SD16CB-AN Description: FLASH,160K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4SD16CA-CFU Description: IC MCU 32BIT 1MB FLASH 100VFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4SD16CB-ANR Description: FLASH,160K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4SD16CB-CFN Description: FLASH,160K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ

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