

ATSAM4SD16CB-CN





Part Number: [ATSAM4SD16CB-CN](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: FLASH,160K SRAM

Data sheet:  [SAM4S Series Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

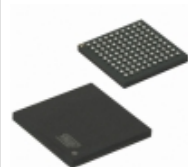
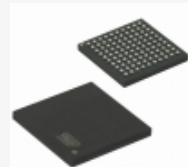
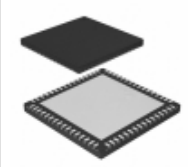
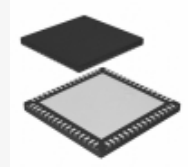
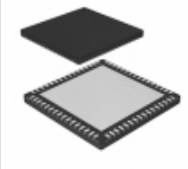
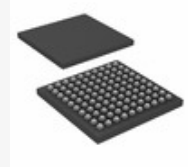
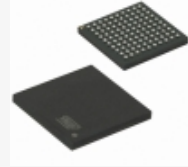
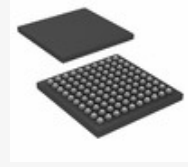
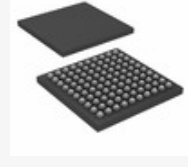
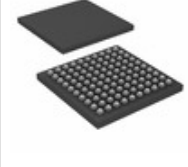
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PRODUCT PARAMETER			
Part Number	ATSAM4SD16CB-CN	Manufacturer	Micrel / Microchip Technology
Description	FLASH,160K SRAM	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	13768 pcs	Data sheet	SAM4S Series Datasheet
Category	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	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	79
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	16 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		
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	Part#: ATSAM4SD16CA-CUR Description: IC MCU 32BIT 1MB FLASH 100TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAM4SD32BA-MUR Description: IC MCU 32BIT 2MB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4SD32BA-MU Description: IC MCU 32BIT 2MB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4SD32BA-AUR Description: IC MCU 32BIT 2MB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4SD32BB-AN Description: FLASH,160K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4SD16CA-AUR Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4SD16CB-ANR Description: FLASH,160K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4SD32BB-MN Description: FLASH,160K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAM4SD16CA-CFU Description: IC MCU 32BIT 1MB FLASH 100VFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAM4SD16CA-AU Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4SD16CB-AN Description: FLASH,160K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4SD16CB-CFNR Description: FLASH,160K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4SD16CB-CFN Description: FLASH,160K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4SD32BA-AN Description: IC MCU 32BIT 2MB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ

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