

ATSAM4S4AB-MNR



Part Number: [ATSAM4S4AB-MNR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: FLASH,64K SRAM

Data sheet:  [SAM4S Series Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

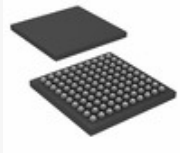
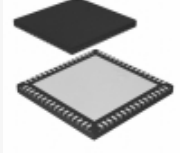
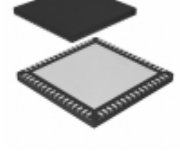
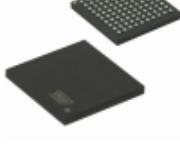
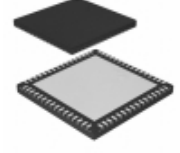
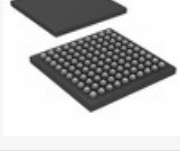
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PRODUCT PARAMETER			
Part Number	ATSAM4S4AB-MNR	Manufacturer	Micrel / Microchip Technology
Description	FLASH,64K SRAM	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	27400 pcs	Data sheet	SAM4S Series Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	48-VQFN (7x7)	Speed	120MHz
Series	SAM4S	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Cut Tape (CT)
Package / Case	48-VFQFN Exposed Pad	Other Names	ATSAM4S4AB-MNR-CT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	34	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®-M4 SAM4S Microcontroller IC 32-Bit 120MHz 256KB (256K x 8) FLASH 48-VQFN (7x7)
Data Converters	A/D 8x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4	Connectivity	I²C, IrDA, Memory Card, SPI, SSC, UART/USART, USB
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	Part#: ATSAM4S4BA-UU Description: IC MCU 32BIT 256KB FLASH 64WLCSP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAM4S4BA-UUR Description: IC MCU 32BIT 256KB FLASH 64WLCSP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S4BB-MNR Description: FLASH,64K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S2CB-CNR Description: FLASH,64K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAM4S4BB-ANR Description: FLASH,64K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S4BA-MU Description: IC MCU 32BIT 256KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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