

ATSAM4S16BA-AN



Part Number:

ATSAM4S16BA-AN

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 32BIT 1MB FLASH 64LQFP

Data sheet:

 [SAM4S Series Datasheet](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

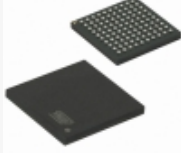
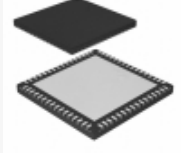
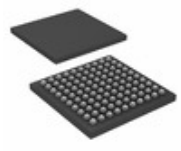
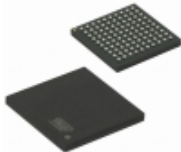
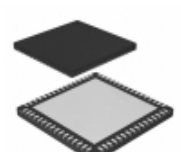
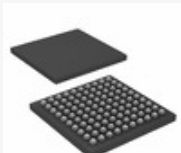
Shipment Way:

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PRODUCT PARAMETER			
Part Number	ATSAM4S16BA-AN	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 1MB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	21134 pcs	Data sheet	SAM4S Series Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	64-LQFP (10x10)	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	Tray
Package / Case	64-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	47
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 64-LQFP (10x10)	Data Converters	A/D 11x12b, D/A 2x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	I²C, IrDA, Memory Card, SPI, SSC, UART/USART, USB	Base Part Number	ATSAM4S16
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	Part#: ATSAM4S-WPIR-RD Description: SAM4S16 PIR CAMERA REF DESIGN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S-XSTK Description: SAM4S XPLAINED PRO STARTER KIT	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S-XPLD Description: SAM4S16 XPLAINED KIT	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4N8CA-CUR Description: IC MCU 32BIT 512KB FLASH 100BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S-EK Description: EVAL KIT FOR SAM4S8 & SAM4S16	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S16CA-ANR Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAM4N8CA-CFU Description: IC MCU 32BIT 512KB FLASH 100BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S-EK2 Description: EVAL KIT FOR SAM4S8 & SAM4S16	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4N8CA-CU Description: IC MCU 32BIT 512KB FLASH 100BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S16BA-UUR Description: IC MCU 32BIT 1MB FLASH 64WLCSP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S16BA-ANR Description: IC MCU 32BIT 1MB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S16BB-ANR Description: FLASH,128K SRAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4S16BA-MUR Description: IC MCU 32BIT 1MB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4N8CA-CFUR Description: IC MCU 32BIT 512KB FLASH 100BGA	Manufacturers: Micrel / Microchip Technology	RFQ

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