

ATSAMA5D43A-CU



Part Number: [ATSAMA5D43A-CU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 128KB ROM 289LFBGA

Data sheet:  [SAMA5D4 Series Datasheet](#)
 [ATSAMA5D4x Series Flyer](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	ATSAMA5D43A-CU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 128KB ROM 289LFBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	8694 pcs	Data sheet	SAMA5D4 Series Datasheet ATSAMA5D4x Series Flyer
Category	Integrated Circuits (ICs)	Voltage - I/O	1.2V, 1.8V, 3.3V
USB	USB 2.0 (3)	Supplier Device Package	289-LFBGA (14x14)
Speed	600MHz	Series	SAMA5D4
Security Features	AES, SHA, TDES, TRNG	SATA	-
RAM Controllers	LPDDR, LPDDR2, DDR2	Packaging	Tray
Package / Case	289-LFBGA	Operating Temperature	-40°C ~ 85°C (TA)
Number of Cores/Bus Width	1 Core, 32-Bit	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Graphics Acceleration	Yes
Ethernet	10/100 Mbps (1)	Display & Interface Controllers	LCD, Touchscreen
Detailed Description	ARM® Cortex®-A5 Microprocessor IC SAMA5D4 1 Core, 32-Bit 600MHz 289-LFBGA (14x14)	Core Processor	ARM® Cortex®-A5
Co-Processors/DSP	Multimedia; NEON™ SIMD	Base Part Number	ATSAMA5D43
Additional Interfaces	EBI, I²C, MMC/SD/SDIO, SPI, SSC, UART, USART		
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	Part#: ATSAMA5D44A-CUR Description: IC MCU 32BIT 128KB ROM 361TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D44B-CU Description: BGA GREEN, IND TEMP,MRLB	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D43B-CU Description: BGA GREEN, IND TEMP,MRLB	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D41B-CU Description: BGA GREEN, IND TEMP,MRLB	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D42B-CU Description: BGA GREEN, IND TEMP,MRLB	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D42B-CUR Description: BGA GREEN, IND TEMP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D44A-CU Description: IC MCU 32BIT 128KB ROM 361TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMB11-MR510CA Description: RF TXRX MOD BLUETOOTH CHIP ANT	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D41B-CUR Description: BGA GREEN, IND TEMP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D4-XULT Description: EVAL KIT FOR SAMA5D4	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMA5D43B-CUR Description: BGA GREEN, IND TEMP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D42A-CU Description: IC MCU 32BIT 128KB ROM 361TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ

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