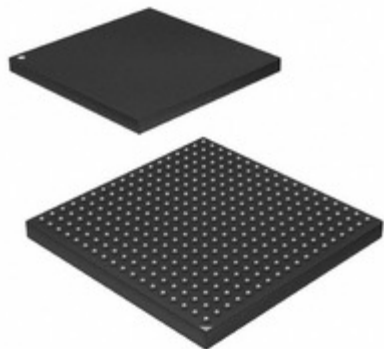


ATSAMA5D31A-CUR





Part Number: [ATSAMA5D31A-CUR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 160KB ROM 324LFBGA

Data sheet:  [SAMA5D3 Series Summary](#)

RoHs Status: Lead free / RoHS Compliant

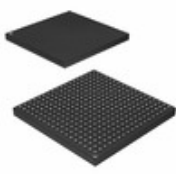
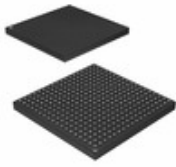
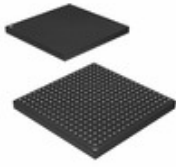
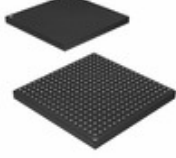
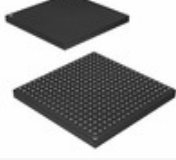
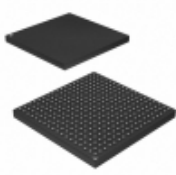
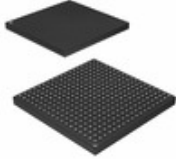
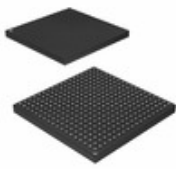
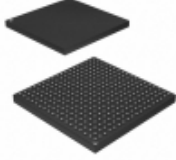
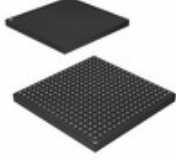
Ship From: Hong Kong

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	ATSAMA5D31A-CUR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 160KB ROM 324LFBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	12004 pcs	Data sheet	SAMA5D3 Series Summary
Category	Integrated Circuits (ICs)	Voltage - I/O	1.2V, 1.8V, 3.3V
USB	USB 2.0 (3)	Supplier Device Package	324-LFBGA (15x15)
Speed	536MHz	Series	SAMA5D3
Security Features	AES, SHA, TDES, TRNG	SATA	-
RAM Controllers	LPDDR, LPDDR2, DDR2	Packaging	Tape & Reel (TR)
Package / Case	324-LFBGA	Other Names	ATSAMA5D31A-CURTR ATSAMA5D31ACUR
Operating Temperature	-40°C ~ 85°C (TA)	Number of Cores/Bus Width	1 Core, 32-Bit
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	10 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Graphics Acceleration	No
Ethernet	10/100 Mbps (1)	Display & Interface Controllers	LCD, Touchscreen
Detailed Description	ARM® Cortex®-A5 Microprocessor IC SAMA5D3 1 Core, 32-Bit 536MHz 324-LFBGA (15x15)	Core Processor	ARM® Cortex®-A5
Co-Processors/DSP	-	Base Part Number	ATSAMA5D31A
Additional Interfaces	I²C, MMC/SD/SDIO, SPI, SSC, UART, USART		
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RELATED PRODUCTS			
	Part#: ATSAMA5D34-EK Description: EVAL KIT SAMA5D34 CORTEX-A5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D33A-CUR Description: IC MCU 32BIT 160KB ROM 324LFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D35-EK Description: EVAL KIT SAMA5D35 CORTEX-A5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D31-EK Description: EVAL KIT SAMA5D31 CORTEX-A5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D33A-CU Description: IC MCU 32BIT 160KB ROM 324LFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D35A-CU Description: IC MCU 32BIT 160KB ROM 324LFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMA5D31A-CFUR Description: IC MCU 32BIT 160KB ROM 324TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D33-EK Description: EVAL KIT SAMA5D33 CORTEX-A5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D2C-XULT Description: ATSAMA5D2C-XULT	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D35A-CNR Description: IC MCU 32BIT 160KB ROM 324LFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMA5D28B-CUR Description: IC MCU 32BIT 289LFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D28C-D1G-CU Description: IC MCU 32BIT EXT MEM 289-LFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D3-XPLD Description: BOARD XPLAINED SAMA5D3	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D31A-CU Description: IC MCU 32BIT 160KB ROM 324LFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D31A-CFU Description: IC MCU 32BIT 160KB ROM 324TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D35A-CN Description: IC MCU 32BIT 160KB ROM 324LFBGA	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for ATSAMA5D31A-CUR			
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