



ATSAMA5D31A-CFU

Manufacturer Part Number:	ATSAMA5D31A-CFU
Manufacturer / Brand	Micrel / Microchip Technology
Part of Description:	IC MCU 32BIT 160KB ROM 324TFBGA
Datasheets:	ATSAMA5D31A-CFU(1).pdf ATSAMA5D31A-CFU(2).pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 4100 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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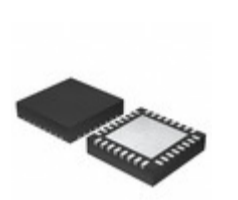

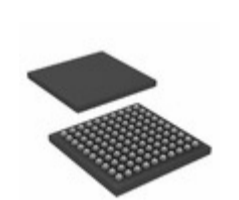
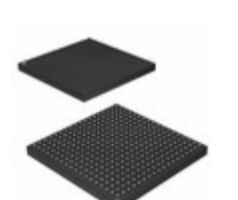


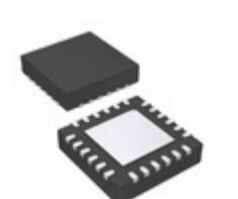




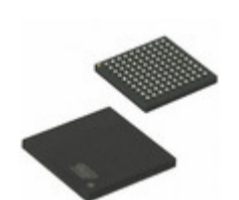

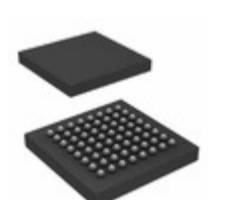

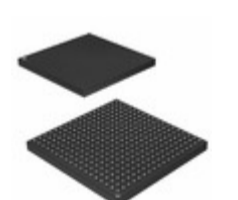
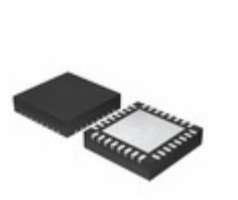
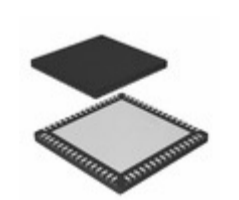

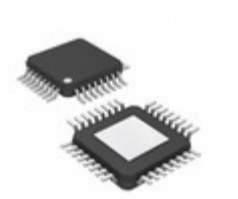




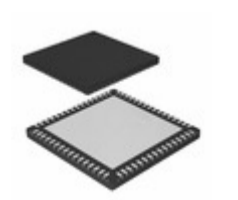
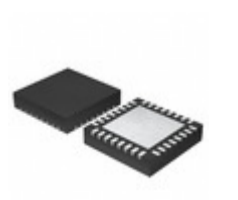

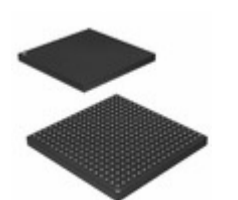

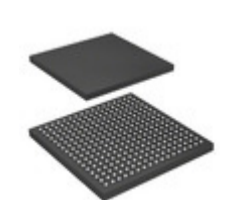
The specifications of ATSAMA5D31A-CFU

Part Number	ATSAMA5D31A-CFU	Manufacturer / Brand	Micrel / Microchip Technology
Series	SAMA5D3	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Base Part Number	ATSAMA5D31A	Package / Case	324-TFBGA
Packaging	Tray	Supplier Device Package	324-TFBGA (12x12)
Operating Temperature	-40°C ~ 85°C (TA)	Detailed Description	ARM® Cortex®-A5 Microprocessor IC SAMA5D3 1 Core, 32-Bit 536MHz 324-TFBGA (12x12)
Core Processor	ARM® Cortex®-A5	Speed	536MHz
Ethernet	10/100 Mbps (1)	USB	USB 2.0 (3)
Voltage - I/O	1.2V, 1.8V, 3.3V	Number of Cores/Bus Width	1 Core, 32-Bit
Co-Processors/DSP	-	RAM Controllers	LPDDR, LPDDR2, DDR2
Graphics Acceleration	No	Display & Interface Controllers	LCD, Touchscreen
SATA	-	Security Features	AES, SHA, TDES, TRNG
Additional Interfaces	PC, MMC/SD/SDIO, SPI, SSC, UART, USART	Stock Quantity	4100 pcs Stock
Category	Integrated Circuits (ICs) > Embedded - Microprocessors	Description	IC MCU 32BIT 160KB ROM 324TFBGA
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords related to ATSAMA5D31A-CFU

Micrel / Microchip Technology ATSAMA5D31A-CFU	ATSAMA5D31A-CFU part	ATSAMA5D31A-CFU Price	ATSAMA5D31A-CFU Distributor
ATSAMA5D31A-CFU Technical	ATSAMA5D31A-CFU Stock	ATSAMA5D31A-CFU Inventory	ATSAMA5D31A-CFU Supplier
ATSAMA5D31A-CFU Online Order	ATSAMA5D31A-CFU Inquiry	ATSAMA5D31A-CFU Image	ATSAMA5D31A-CFU Picture
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 <p>ATSAMD20E17A-MU Description: IC MCU 32BIT 128KB FLASH 32QFN Manufacturers: Micrel / Microchip Technology In Stock: New original, 1000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>ATSAM4N16CA-AU Description: IC MCU 32BIT 1MB FLASH 100LQFP Manufacturers: Micrel / Microchip Technology In Stock: New original, 1800 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>ATSAM4LS8CA-CFU Description: IC MCU 32BIT 512KB FLASH 100BGA Manufacturers: Micrel / Microchip Technology In Stock: New original, 200 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>
 <p>ATSAMA5D35A-CU Description: IC MCU 32BIT 160KB ROM 324LFBGA Manufacturers: Micrel / Microchip Technology In Stock: New original, 200 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>ATSAM9G45C-CU Description: ATSAM9G45C-CU ATMEL BGA Manufacturers: Atmel (Microchip Technology) In Stock: New original, 100 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>ATSAM4S4AA-AU Description: IC MCU 32BIT 256KB FLASH 48LQFP Manufacturers: Micrel / Microchip Technology In Stock: New original, 200 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>
 <p>ATSAMD10D14A-MUT Description: IC MCU 32BIT 16KB FLASH 24QFN Manufacturers: Micrel / Microchip Technology In Stock: New original, 24000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>ATSAM9G45CU Description: ATSAM9G45CU ATMEL BGA Manufacturers: Atmel (Microchip Technology) In Stock: New original, 400 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>ATSAMD20G14A-AUT Description: IC MCU 32BIT 16KB FLASH 48TQFP Manufacturers: Micrel / Microchip Technology In Stock: New original, 11200 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>
 <p>ATSAMA5D43A-CUR Description: IC MCU 32BIT 128KB ROM 289LFBGA Manufacturers: Micro Commercial Components (MCC) In Stock: New original, 100 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>ATSAM4S8CA-CUR Description: IC MCU 32BIT 512KB FLASH 100BGA Manufacturers: Micro Commercial Components (MCC) In Stock: New original, 6400 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>ATSAM4S8CA-CUR Description: IC MCU 32BIT 512KB FLASH 100BGA Manufacturers: Micrel / Microchip Technology In Stock: New original, 6400 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>
 <p>ATSAMD20E14A-AU Description: IC MCU 32BIT 16KB FLASH 32TQFP Manufacturers: Micrel / Microchip Technology In Stock: New original, 800 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>ATSAM4S4BA-UUR Description: IC MCU 32BIT 256KB FLASH 64WLCSP Manufacturers: Micrel / Microchip Technology In Stock: New original, 4000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>ATSAMD10D14A-MUT Description: IC MCU 32BIT 16KB FLASH 24QFN Manufacturers: Micro Commercial Components (MCC) In Stock: New original, 24000 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>
 <p>ATSAMA5D31A-CU Description: IC MCU 32BIT 160KB ROM 324LFBGA Manufacturers: Micrel / Microchip Technology In Stock: New original, 300 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>ATSAMD20E17A-MUT Description: IC MCU 32BIT 128KB FLASH 32QFN Manufacturers: Micrel / Microchip Technology In Stock: New original, 1500 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>ATSAM4S2BA-MU Description: IC MCU 32BIT 128KB FLASH 64QFN Manufacturers: Micrel / Microchip Technology In Stock: New original, 2400 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>
 <p>ATSAM4S8BA-AU Description: IC MCU 32BIT 512KB FLASH 64LQFP Manufacturers: Micrel / Microchip Technology In Stock: New original, 3200 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>ATSAMD20E14A-AUT Description: IC MCU 32BIT 16KB FLASH 32TQFP Manufacturers: Micrel / Microchip Technology In Stock: New original, 1500 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>ATSAM4S4BA-AU Description: IC MCU 32BIT 256KB FLASH 64LQFP Manufacturers: Micrel / Microchip Technology In Stock: New original, 4800 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>
 <p>ATSAMC20J18A-AUTES Description: ATSAMC20J18A-AUTES ATMEL QFP Manufacturers: Atmel (Microchip Technology) In Stock: New original, 1600 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>ATSAM4SD32CA-AU Description: IC MCU 32BIT 2MB FLASH 100LQFP Manufacturers: Micrel / Microchip Technology In Stock: New original, 6900 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>ATSAMA5D31B-CUR Description: ATSAM4S31B-CUR ATMEL BGA Manufacturers: Atmel (Microchip Technology) In Stock: New original, 700 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>
 <p>ATSAM4N16BA-MU Description: IC MCU 32BIT 1MB FLASH 64QFN Manufacturers: Micrel / Microchip Technology In Stock: New original, 200 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>ATSAMD20E15A-MU Description: IC MCU 32BIT 32KB FLASH 32QFN Manufacturers: Micrel / Microchip Technology In Stock: New original, 600 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>ATSAM4S16B Description: ATSAM4S16B ATMEL QFN Manufacturers: Atmel (Microchip Technology) In Stock: New original, 100 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>
 <p>ATSAMA5D33A-CU Description: IC MCU 32BIT 160KB ROM 324LFBGA Manufacturers: Micrel / Microchip Technology In Stock: New original, 100 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>ATSAM4S16CA-AU Description: IC MCU 32BIT 1MB FLASH 100LQFP Manufacturers: Micrel / Microchip Technology In Stock: New original, 100 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>	 <p>ATSAMA5D43A-CUR Description: IC MCU 32BIT 128KB ROM 289LFBGA Manufacturers: Micrel / Microchip Technology In Stock: New original, 100 pcs Stock Available. Quote: <input type="button" value="RFQ"/></p>



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