

ATSAMA5D23B-CNR



Part Number:

ATSAMA5D23B-CNR

Manufacturer

Micrel / Microchip Technology

Description

IC MCU 32BIT 196TFBGA

Data sheet:

 [SAMA5D2 Series](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

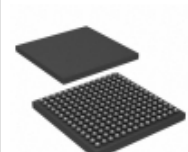
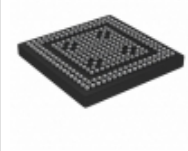
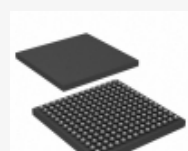
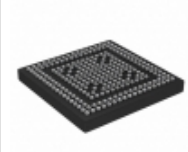
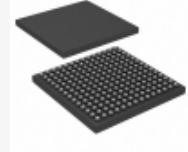
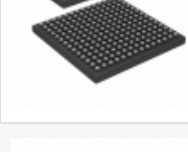
Shipment Way:

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See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATSAMA5D23B-CNR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 196TFBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4708 pcs	Data sheet	SAMA5D2 Series
Category	Integrated Circuits (ICs)	Voltage - I/O	3.3V
USB	USB 2.0 + HSIC	Supplier Device Package	196-TFBGA (11x11)
Speed	500MHz	Series	SAMA5D2
Security Features	ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC	SATA	-
RAM Controllers	LPDDR1, LPDDR2, LPDDR3, DDR2, DDR3, DDR3L, QSPI	Packaging	Tape & Reel (TR)
Package / Case	196-TFBGA, CSBGA	Operating Temperature	-40°C ~ 105°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	Keyboard, LCD, Touchscreen
Detailed Description	ARM® Cortex®-A5 Microprocessor IC SAMA5D2 1 Core, 32-Bit 500MHz 196-TFBGA (11x11)	Core Processor	ARM® Cortex®-A5
Co-Processors/DSP	Multimedia; NEON™ MPE	Base Part Number	ATSAMA5D23
Additional Interfaces	I ² C, SMC, SPI, UART, USART, QSPI		
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	Part#: ATSAMA5D24A-CU Description: IC MCU 32BIT EXT MEM 256TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D23B-CN Description: IC MCU 32BIT 196TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D22C-CN Description: IC MCU 32BIT EXT MEM 196TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D26A-CNR Description: IC MCU 32BIT EXT MEM 289LFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
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Related keywords for ATSAMA5D23B-CNR			
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