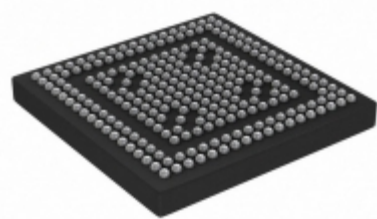


ATSAMA5D24B-CUR



Images are for reference only.
See Product Specifications for product details.
Buy **ATSAMA5D24B-CUR** with confidence from
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Part Number: [ATSAMA5D24B-CUR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT EXT MEM 256TFBGA

Data sheet:  [SAMA5D2 Series](#)

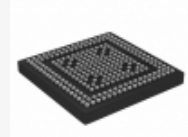
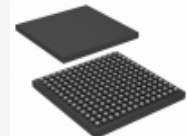
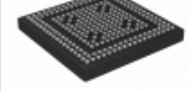
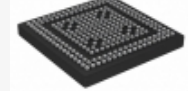
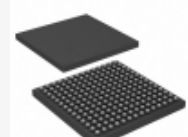
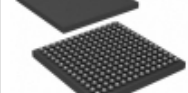
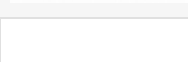
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER			
Part Number	ATSAMA5D24B-CUR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT EXT MEM 256TFBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	11655 pcs	Data sheet	SAMA5D2 Series
Category	Integrated Circuits (ICs)	Voltage - I/O	3.3V
USB	USB 2.0 + HSIC	Supplier Device Package	256-TFBGA (8x8)
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	256-TFBGA	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	Keyboard, LCD, Touchscreen
Detailed Description	ARM® Cortex®-A5 Microprocessor IC SAMA5D2 1 Core, 32-Bit 500MHz 256-TFBGA (8x8)	Core Processor	ARM® Cortex®-A5
Co-Processors/DSP	Multimedia; NEON™ MPE	Base Part Number	ATSAMA5D24
Additional Interfaces	I²C, SMC, SPI, UART, USART, QSPI		
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	Part#: ATSAMA5D26A-CN Description: IC MCU 32BIT EXT MEM 289LFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D23A-CNR Description: IC MCU 32BIT EXT MEM 196TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
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