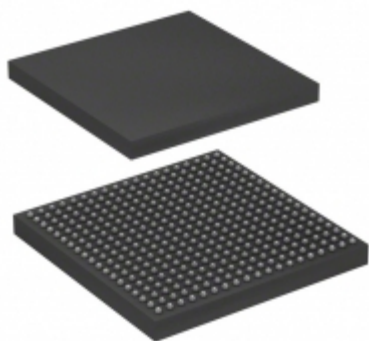


ATSAMA5D44A-CU





Part Number:

ATSAMA5D44A-CU

Manufacturer

Micrel / Microchip Technology

Description

IC MCU 32BIT 128KB ROM 361TFBGA

Data sheet:

 [SAMA5D4 Series Datasheet](#)

 [ATSAMA5D4x Series Flyer](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

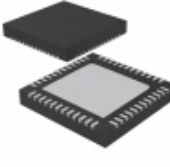
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATSAMA5D44A-CU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 128KB ROM 361TFBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	8157 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	361-TFBGA (16x16)
Speed	600MHz	Series	SAMA5D4
Security Features	AES, SHA, TDES, TRNG	SATA	-
RAM Controllers	LPDDR, LPDDR2, DDR2	Packaging	Tray
Package / Case	361-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	LCD, Touchscreen
Detailed Description	ARM® Cortex®-A5 Microprocessor IC SAMA5D4 1 Core, 32-Bit 600MHz 361-TFBGA (16x16)	Core Processor	ARM® Cortex®-A5
Co-Processors/DSP	Multimedia; NEON™ SIMD	Base Part Number	ATSAMA5D44
Additional Interfaces	EBI, I²C, MMC/SD/SDIO, SPI, SSC, UART, USART		
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	Part#: ATSAMB11-MR510CA Description: RF TXRX MOD BLUETOOTH CHIP ANT	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D41B-CU Description: BGA GREEN, IND TEMP,MRLB	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D44B-CUR Description: BGA GREEN, IND TEMP	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
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	Part#: ATSAMA5D44A-CUR Description: IC MCU 32BIT 128KB ROM 361TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D41B-CUR Description: BGA GREEN, IND TEMP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMA5D43A-CUR Description: IC MCU 32BIT 128KB ROM 289LFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMB11-XPRO Description: KIT STARTER XPLAINED PRO ATSAMB1	Manufacturers: Micrel / Microchip Technology	RFQ

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