



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAMA5D44A-CU

Part Number:	ATSAMA5D44A-CU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 128KB ROM 361TFBGA
Datasheets:	 1.ATSAMA5D44A-CU.pdf
	 2.ATSAMA5D44A-CU.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

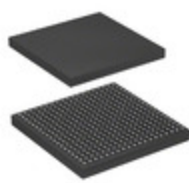
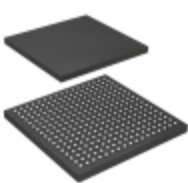
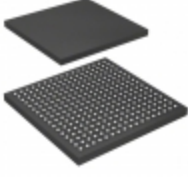
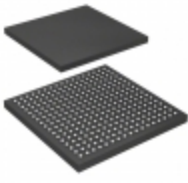
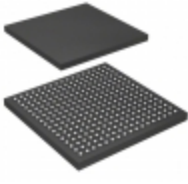
Specifications of ATSAMA5D44A-CU

PART NUMBER	ATSAMA5D44A-CU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 128KB ROM 361TFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.ATSAMA5D44A-CU.pdf  2.ATSAMA5D44A-CU.pdf
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

Related Tags

Micrel / Microchip Technology ATSAMA5D44A-CU	ATSAMA5D44A-CU Distributor	ATSAMA5D44A-CU Supplier
ATSAMA5D44A-CU Price	ATSAMA5D44A-CU Pictures	ATSAMA5D44A-CU Image
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Related Products

 ATSAMA5D42B-CUR Manufacturers: Micrel / Microchip Technology Description: BGA GREEN, IND TEMP In stock: Out stock RFQ	 ATSAMA5D43A-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB ROM 289LFBGA In stock: 109 pcs RFQ
 ATSAMA5D44B-CUR Manufacturers: Micrel / Microchip Technology Description: BGA GREEN, IND TEMP In stock: Out stock RFQ	 ATSAMA5D43A-CUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 128KB ROM 289LFBGA In stock: Out stock RFQ
 ATSAMA5D44B-CU Manufacturers: Micrel / Microchip Technology Description: BGA GREEN, IND TEMP,MRLB In stock: 469 pcs RFQ	 ATSAMA5D43B-CU Manufacturers: Micrel / Microchip Technology Description: BGA GREEN, IND TEMP,MRLB In stock: 595 pcs RFQ
 ATSAMB11-MR510CA Manufacturers: Microchip Technology Description: RF TXRX MOD BLUETOOTH CHIP ANT In stock: 30 pcs RFQ	 ATSAMA5D44A-CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB ROM 361TFBGA In stock: Out stock RFQ
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