



Micrel / Microchip Technology



ATSAMA5D27C-CU

Part Number:	ATSAMA5D27C-CU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT EXT MEM 289LFBGA
Datasheets:	 ATSAMA5D27C-CU.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	10528 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of ATSAMA5D27C-CU

PART NUMBER	ATSAMA5D27C-CU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT EXT MEM 289LFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	10528 pcs
DATA SHEET	 ATSAMA5D27C-CU.pdf
VOLTAGE - I/O	3.3V
USB	USB 2.0 + HSIC
SUPPLIER DEVICE PACKAGE	289-LFBGA (14x14)
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	Tray
PACKAGE / CASE	289-LFBGA
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 289-LFBGA (14x14)
CORE PROCESSOR	ARM® Cortex®-A5
CO-PROCESSORS/DSP	Multimedia; NEON™ MPE
BASE PART NUMBER	ATSAMA5D27
ADDITIONAL INTERFACES	I²C, SMC, SPI, UART, USART, QSPI

Related Tags

Micrel / Microchip Technology ATSAMA5D27C-CU	ATSAMA5D27C-CU Distributor	ATSAMA5D27C-CU Supplier
ATSAMA5D27C-CU Price	ATSAMA5D27C-CU Pictures	ATSAMA5D27C-CU Image
ATSAMA5D27C-CU PDF Datasheet	ATSAMA5D27C-CU Download Datasheet	ATSAMA5D27C-CU Datasheet
ATSAMA5D27C-CU Stock	Buy ATSAMA5D27C-CU	Buy Micrel / Microchip Technology ATSAMA5D27C-CU
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Related Products

 ATSAMA5D28A-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT EXT MEM 289LFBGA In stock: 3212 pcs RFQ	 ATSAMA5D27B-CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT EXT MEM 289LFBGA In stock: 11506 pcs RFQ
 ATSAMA5D27C-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT EXT MEM 289LFBGA In stock: 10998 pcs RFQ	 ATSAMA5D27C-D5M-CUR Manufacturers: Micrel / Microchip Technology Description: BGA GREEN, IND TEMP,MRLC,512MBIT In stock: 6313 pcs RFQ
 ATSAMA5D27B-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT EXT MEM 289LFBGA In stock: 12400 pcs RFQ	 ATSAMA5D27B-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT EXT MEM 289LFBGA In stock: 11571 pcs RFQ
 ATSAMA5D27C-CNR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT EXT MEM 289LFBGA In stock: 10554 pcs RFQ	 ATSAMA5D27C-D5M-CU Manufacturers: Micrel / Microchip Technology Description: BGA GREEN, IND TEMP,MRLC,512MBIT In stock: 7091 pcs RFQ
 ATSAMA5D27C-CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT EXT MEM 289LFBGA In stock: 11110 pcs RFQ	 ATSAMA5D27C-D1G-CUR Manufacturers: Micrel / Microchip Technology Description: BGA GREEN, IND TEMP,MRLC,1GBIT D In stock: 5941 pcs RFQ
 ATSAMA5D27C-D1G-CU Manufacturers: Micrel / Microchip Technology Description: BGA GREEN, IND TEMP,MRLC,1GBIT D In stock: 4670 pcs RFQ	 ATSAMA5D27B-CNR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT EXT MEM 289LFBGA In stock: 13337 pcs RFQ