



Micrel / Microchip Technology



ATSAMA5D28B-CN

Part Number:	ATSAMA5D28B-CN
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 289LFBGA
Datasheets:	 ATSAMA5D28B-CN.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	6160 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of ATSAMA5D28B-CN

PART NUMBER	ATSAMA5D28B-CN
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 289LFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6160 pcs
DATA SHEET	 ATSAMA5D28B-CN.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 ~ 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 289-LFBGA (14x14)
CORE PROCESSOR	ARM® Cortex®-A5
CO-PROCESSORS/DSP	Multimedia; NEON™ MPE
BASE PART NUMBER	ATSAMA5D28
ADDITIONAL INTERFACES	I²C, SMC, SPI, UART, USART, QSPI

Related Tags

Micrel / Microchip Technology ATSAMA5D28B-CN	ATSAMA5D28B-CN Distributor	ATSAMA5D28B-CN Supplier
ATSAMA5D28B-CN Price	ATSAMA5D28B-CN Pictures	ATSAMA5D28B-CN Image
ATSAMA5D28B-CN PDF Datasheet	ATSAMA5D28B-CN Download Datasheet	ATSAMA5D28B-CN Datasheet
ATSAMA5D28B-CN Stock	Buy ATSAMA5D28B-CN	Buy Micrel / Microchip Technology ATSAMA5D28B-CN
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Related Products

 ATSAMA5D28A-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT EXT MEM 289LFBGA In stock: 4914 pcs RFQ	 ATSAMA5D27C-D5M-CU Manufacturers: Micrel / Microchip Technology Description: BGA GREEN, IND TEMP,MRLC,512MBIT In stock: 7091 pcs RFQ
 ATSAMA5D28A-CNR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT EXT MEM 289LFBGA In stock: 5963 pcs RFQ	 ATSAMA5D2C-XULT Manufacturers: Micrel / Microchip Technology Description: ATSAMA5D2C-XULT In stock: 637 pcs RFQ
 ATSAMA5D28B-CNR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 289LFBGA In stock: 7052 pcs RFQ	 ATSAMA5D28A-CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT EXT MEM 289LFBGA In stock: 4149 pcs RFQ
 ATSAMA5D2B-XULT Manufacturers: Micrel / Microchip Technology Description: SAMA5D2 LOW COST KIT MRLB In stock: 3009 pcs RFQ	 ATSAMA5D28C-D1G-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT EXT MEM 289-LFBGA In stock: 2781 pcs RFQ
 ATSAMA5D27C-D5M-CUR Manufacturers: Micrel / Microchip Technology Description: BGA GREEN, IND TEMP,MRLC,512MBIT In stock: 6313 pcs RFQ	 ATSAMA5D28B-CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 289LFBGA In stock: 6401 pcs RFQ
 ATSAMA5D28B-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 289LFBGA In stock: 5171 pcs RFQ	 ATSAMA5D28A-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT EXT MEM 289LFBGA In stock: 3212 pcs RFQ