

MICROCHIP

Micrel / Microchip Technology



ATSAMA5D28C-D1G-CU

Part Number:	ATSAMA5D28C-D1G-CU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT EXT MEM 289-LFBGA
	 1.ATSAMA5D28C-D1G-CU.pdf
	 2.ATSAMA5D28C-D1G-CU.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	2781 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.

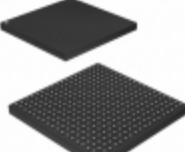
Specifications of ATSAMA5D28C-D1G-CU

PART NUMBER	ATSAMA5D28C-D1G-CU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT EXT MEM 289-LFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	2781 pcs
DATA SHEET	 1.ATSAMA5D28C-D1G-CU.pdf  2.ATSAMA5D28C-D1G-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	ATSAMA5D28
ADDITIONAL INTERFACES	I²C, SMC, SPI, UART, USART, QSPI

Related Tags

Micrel / Microchip Technology ATSAMA5D28C-D1G-CU	ATSAMA5D28C-D1G-CU Distributor	ATSAMA5D28C-D1G-CU Supplier
ATSAMA5D28C-D1G-CU Price	ATSAMA5D28C-D1G-CU Pictures	ATSAMA5D28C-D1G-CU Image
ATSAMA5D28C-D1G-CU PDF Datasheet	ATSAMA5D28C-D1G-CU Download Datasheet	ATSAMA5D28C-D1G-CU Datasheet
ATSAMA5D28C-D1G-CU Stock	Buy ATSAMA5D28C-D1G-CU	Buy Micrel / Microchip Technology ATSAMA5D28C-D1G-CU
Micrel / Microchip Technology ATSAMA5D28C-D1G-CU	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
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Related Products

 ATSAMA5D28A-CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT EXT MEM 289LFBGA In stock: 4149 pcs RFQ	 ATSAMA5D31A-CFU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 160KB ROM 324TFBGA In stock: 10715 pcs RFQ
 ATSAMA5D28B-CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 289LFBGA In stock: 6401 pcs RFQ	 ATSAMA5D28B-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 289LFBGA In stock: 6160 pcs RFQ
 ATSAMA5D2C-XULT Manufacturers: Micrel / Microchip Technology Description: ATSAMA5D2C-XULT In stock: 637 pcs RFQ	 ATSAMA5D28B-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 289LFBGA In stock: 5171 pcs RFQ
 ATSAMA5D31A-CFUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 160KB ROM 324TFBGA In stock: 10635 pcs RFQ	 ATSAMA5D2B-XULT Manufacturers: Micrel / Microchip Technology Description: SAMA5D2 LOW COST KIT MRLB In stock: 3009 pcs RFQ
 ATSAMA5D31-EK Manufacturers: Micrel / Microchip Technology Description: EVAL KIT SAMA5D31 CORTEX-A5 In stock: 131 pcs RFQ	 ATSAMA5D28B-CNR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 289LFBGA In stock: 7052 pcs RFQ
 ATSAMA5D28A-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT EXT MEM 289LFBGA In stock: 4914 pcs RFQ	 ATSAMA5D3-XPLD Manufacturers: Micrel / Microchip Technology Description: BOARD XPLAINED SAMA5D3 In stock: 927 pcs RFQ