



Micrel / Microchip Technology



ATSAMA5D23B-CN

Part Number:	ATSAMA5D23B-CN
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 196TFBGA
Datasheets:	 ATSAMA5D23B-CN.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

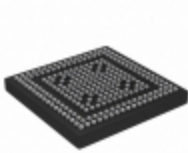
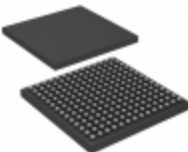
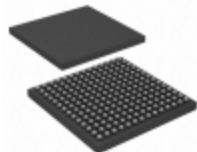
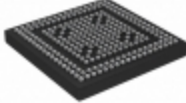
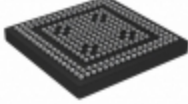
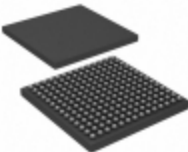
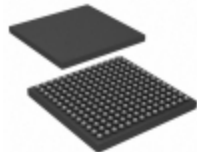
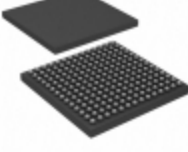
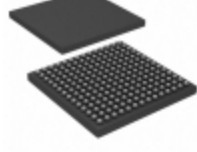
Specifications of ATSAMA5D23B-CN

PART NUMBER	ATSAMA5D23B-CN
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 196TFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 ATSAMA5D23B-CN.pdf
VOLTAGE - I/O	3.3V
USB	USB 2.0 + HSIC
SUPPLIER DEVICE PACKAGE	196-TFBGA (11x11)
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	196-TFBGA, CSBGA
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 196-TFBGA (11x11)
CORE PROCESSOR	ARM® Cortex®-A5
CO-PROCESSORS/DSP	Multimedia; NEON™ MPE
BASE PART NUMBER	ATSAMA5D23
ADDITIONAL INTERFACES	I²C, SMC, SPI, UART, USART, QSPI

Related Tags

Micrel / Microchip Technology ATSAMA5D23B-CN	ATSAMA5D23B-CN Distributor	ATSAMA5D23B-CN Supplier
ATSAMA5D23B-CN Price	ATSAMA5D23B-CN Pictures	ATSAMA5D23B-CN Image
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