



Micrel / Microchip Technology

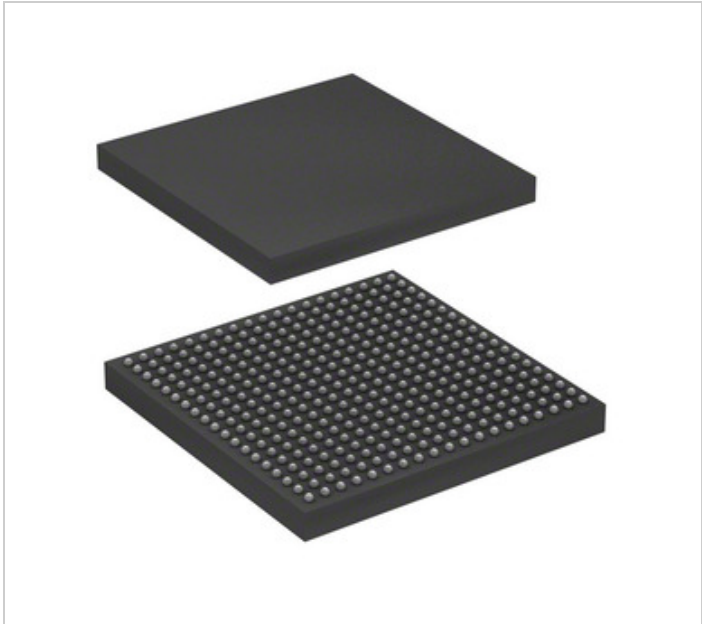


Image may be representation. See specifications for product details.

ATSAMA5D42B-CUR

Part Number:	ATSAMA5D42B-CUR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	BGA GREEN, IND TEMP
Datasheets:	 ATSAMA5D42B-CUR.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

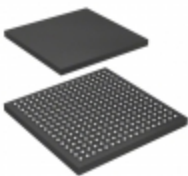
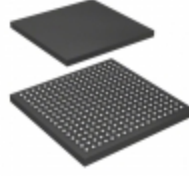
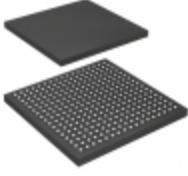
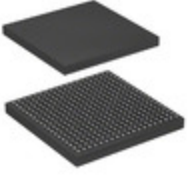
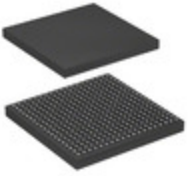
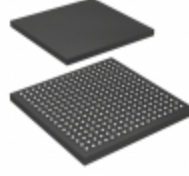
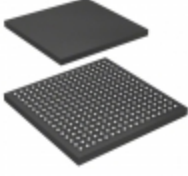
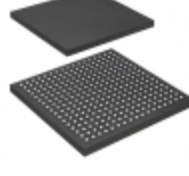
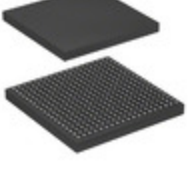
Specifications of ATSAMA5D42B-CUR

PART NUMBER	ATSAMA5D42B-CUR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	BGA GREEN, IND TEMP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 ATSAMA5D42B-CUR.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	Tape & Reel (TR)
PACKAGE / CASE	361-TFBGA
OTHER NAMES	ATSAMA5D42B-CURTR
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF CORES/BUS WIDTH	1 Core, 32-Bit
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
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	ATSAMA5D42
ADDITIONAL INTERFACES	EBI, I²C, MMC/SD/SDIO, SPI, SSC, UART, USART

Related Tags

Micrel / Microchip Technology ATSAMA5D42B-CUR	ATSAMA5D42B-CUR Distributor	ATSAMA5D42B-CUR Supplier
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Related Products

 ATSAMA5D42B-CU Manufacturers: Micrel / Microchip Technology Description: BGA GREEN, IND TEMP,MRLB In stock: 498 pcs RFQ	 ATSAMA5D43B-CU Manufacturers: Micrel / Microchip Technology Description: BGA GREEN, IND TEMP,MRLB In stock: 595 pcs RFQ
 ATSAMA5D41B-CUR Manufacturers: Micrel / Microchip Technology Description: BGA GREEN, IND TEMP In stock: 990 pcs RFQ	 ATSAMA5D43A-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB ROM 289LFBGA In stock: 109 pcs RFQ
 ATSAMA5D43A-CUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 128KB ROM 289LFBGA In stock: Out stock RFQ	 ATSAMA5D42A-CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB ROM 361TFBGA In stock: 23 pcs RFQ
 ATSAMA5D42A-CUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 128KB ROM 361TFBGA In stock: 800 pcs RFQ	 ATSAMA5D42A-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB ROM 361TFBGA In stock: 72 pcs RFQ
 ATSAMA5D41B-CU Manufacturers: Micrel / Microchip Technology Description: BGA GREEN, IND TEMP,MRLB In stock: 576 pcs RFQ	 ATSAMA5D43B-CUR Manufacturers: Micrel / Microchip Technology Description: BGA GREEN, IND TEMP In stock: 960 pcs RFQ
 ATSAMA5D43A-CUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB ROM 289LFBGA In stock: 985 pcs RFQ	 ATSAMA5D44A-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB ROM 361TFBGA In stock: Out stock RFQ