



ATSAM3A8CA-CU

Part Number:	ATSAM3A8CA-CU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 512KB FLASH 100BGA
Datasheets:	 ATSAM3A8CA-CU.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	9144 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

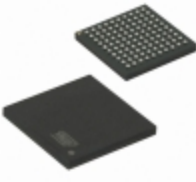
Specifications of ATSAM3A8CA-CU

PART NUMBER	ATSAM3A8CA-CU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9144 pcs
DATA SHEET	 ATSAM3A8CA-CU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TFBGA (9x9)
SPEED	84MHz
SERIES	SAM3A
RAM SIZE	96K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-TFBGA
OTHER NAMES	ATSAM3A8CACU
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	63
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 SAM3A Microcontroller IC 32-Bit 84MHz 512KB (512K x 8) FLASH 100-TFBGA (9x9)
DATA CONVERTERS	A/D 16x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, I²C, IrDA, LINbus, MMC, SPI, SSC, UART/USART, USB
BASE PART NUMBER	ATSAM3A8

Related Tags

Micrel / Microchip Technology ATSAM3A8CA-CU	ATSAM3A8CA-CU Distributor	ATSAM3A8CA-CU Supplier
ATSAM3A8CA-CU Price	ATSAM3A8CA-CU Pictures	ATSAM3A8CA-CU Image
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Related Products

 ATSAM3N-EK Manufacturers: Micrel / Microchip Technology Description: KIT EVAL FOR ATSAM3N In stock: 5722 pcs RFQ	 ATSA6MT1 Manufacturers: Amphenol Pcd Description: MARKING TAG DIN RAIL 8/16MM TY K In stock: 130543 pcs RFQ
 ATSAM3N00AA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 48LQFP In stock: 43532 pcs RFQ	 ATSAM3N00AA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 48LQFP In stock: 88725 pcs RFQ
 ATSA6R Manufacturers: Amphenol Pcd Description: CONN TERM BLK DISCONNECT 8-16AWG In stock: 17452 pcs RFQ	 ATSAM3A8CA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 9451 pcs RFQ
 ATSAM3N00BA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 64LQFP In stock: 66090 pcs RFQ	 ATSA6Y Manufacturers: Amphenol Pcd Description: CONN TERM BLK DISCONNECT 8-16AWG In stock: 16270 pcs RFQ
 ATSAM3A4CA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 100BGA In stock: 18993 pcs RFQ	 ATSAM3N00AA-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 48QFN In stock: 77835 pcs RFQ
 ATSAM3A4CA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 11380 pcs RFQ	 ATSAM3N00AA-MUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 48QFN In stock: 36077 pcs RFQ