

MICROCHIP

Micrel / Microchip Technology



ATSAM3X8EA-CU

Part Number:	ATSAM3X8EA-CU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 512KB FLASH 144BGA
Datasheets:	 ATSAM3X8EA-CU.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	9237 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.

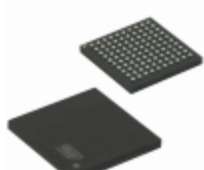
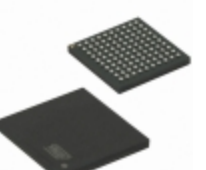
Specifications of ATSAM3X8EA-CU

PART NUMBER	ATSAM3X8EA-CU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9237 pcs
DATA SHEET	 ATSAM3X8EA-CU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-BGA (13x13)
SPEED	84MHz
SERIES	SAM3X
RAM SIZE	100K 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	144-LFBGA
OTHER NAMES	ATSAM3X8EACU
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	103
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 SAM3X Microcontroller IC 32-Bit 84MHz 512KB (512K x 8) FLASH 144-BGA (13x13)
DATA CONVERTERS	A/D 16x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I²C, IrDA, LINbus, Memory Card, SPI, SSC, UART/USART, USB
BASE PART NUMBER	ATSAM3X8

Related Tags

Micrel / Microchip Technology ATSAM3X8EA-CU	ATSAM3X8EA-CU Distributor	ATSAM3X8EA-CU Supplier
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ATSAM3X8EA-CU PDF Datasheet	ATSAM3X8EA-CU Download Datasheet	ATSAM3X8EA-CU Datasheet
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Related Products

MICROCHIP ATSAM3X4EA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 144BGA In stock: 10684 pcs RFQ	 ATSAM3X8EA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 6963 pcs RFQ
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