


MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAM3X8EA-AU

Part Number:	ATSAM3X8EA-AU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 512KB FLASH 144LQFP
Datasheets:	 ATSAM3X8EA-AU.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	6963 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

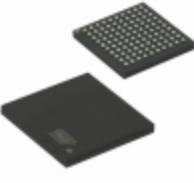
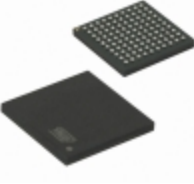
Specifications of ATSAM3X8EA-AU

PART NUMBER	ATSAM3X8EA-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6963 pcs
DATA SHEET	 ATSAM3X8EA-AU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
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-LQFP
OTHER NAMES	AT91SAM3X8E ATSAM3X8EAAU
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-LQFP (20x20)
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-AU	ATSAM3X8EA-AU Distributor	ATSAM3X8EA-AU Supplier
ATSAM3X8EA-AU Price	ATSAM3X8EA-AU Pictures	ATSAM3X8EA-AU Image
ATSAM3X8EA-AU PDF Datasheet	ATSAM3X8EA-AU Download Datasheet	ATSAM3X8EA-AU Datasheet
ATSAM3X8EA-AU Stock	Buy ATSAM3X8EA-AU	Buy Micrel / Microchip Technology ATSAM3X8EA-AU
Micrel / Microchip Technology ATSAM3X8EA-AU	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATSAM3X8EA-AU	Microchip Technology ATSAM3X8EA-AU	Roving Networks / Microchip Technology ATSAM3X8EA-AU

Related Products

 MICROCHIP	ATSAM3X4CA-AUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 12704 pcs RFQ	 MICROCHIP	ATSAM3X8CA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 12171 pcs RFQ
	ATSAM3X4EA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 144LQFP In stock: 9284 pcs RFQ	 MICROCHIP	ATSAM4C16CB-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 17882 pcs RFQ
 MICROCHIP	ATSAM4C16CA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 4419 pcs RFQ		ATSAM4C-EK Manufacturers: Micrel / Microchip Technology Description: EVAL KIT FOR ATSAM4C In stock: 294 pcs RFQ
 MICROCHIP	ATSAM3X8EA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 9237 pcs RFQ	 MICROCHIP	ATSAM4C16CA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 5804 pcs RFQ
 MICROCHIP	ATSAM3X4EA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 144BGA In stock: 10684 pcs RFQ		ATSAM3X4CA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 100BGA In stock: 10374 pcs RFQ
 MICROCHIP	ATSAM4C16CA-AUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 9058 pcs RFQ		ATSAM3X8CA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 10634 pcs RFQ