




Micrel / Microchip Technology

ATSAM3X4EA-AU

Part Number:	ATSAM3X4EA-AU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 256KB FLASH 144LQFP
Datasheets:	PDF ATSAM3X4EA-AU.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.



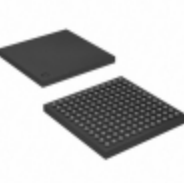
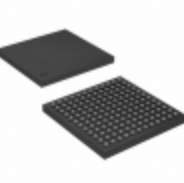




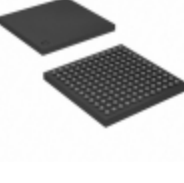
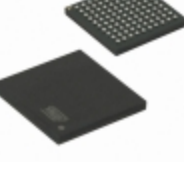


Specifications of ATSAM3X4EA-AU

PART NUMBER	ATSAM3X4EA-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 256KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF ATSAM3X4EA-AU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	84MHz
SERIES	SAM3X
RAM SIZE	68K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OTHER NAMES	ATSAM3X4EAAU
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	103
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 SAM3X Microcontroller IC 32-Bit 84MHz 256KB (256K 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, I ² C, IrDA, LINbus, Memory Card, SPI, SSC, UART/USART, USB
BASE PART NUMBER	ATSAM3X4

Related Tags

Micrel / Microchip Technology ATSAM3X4EA-AU	ATSAM3X4EA-AU Distributor	ATSAM3X4EA-AU Supplier
ATSAM3X4EA-AU Price	ATSAM3X4EA-AU Pictures	ATSAM3X4EA-AU Image
ATSAM3X4EA-AU PDF Datasheet	ATSAM3X4EA-AU Download Datasheet	ATSAM3X4EA-AU Datasheet
ATSAM3X4EA-AU Stock	Buy ATSAM3X4EA-AU	Buy Micrel / Microchip Technology ATSAM3X4EA-AU
Micrel / Microchip Technology ATSAM3X4EA-AU	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATSAM3X4EA-AU	Microchip Technology ATSAM3X4EA-AU	Roving Networks / Microchip Technology ATSAM3X4EA-AU

Related Products

 <p>ATSAM3X8EA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: Out stock RFQ</p>	 <p>ATSAM3X8CA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: Out stock RFQ</p>
 <p>ATSAM3X8EA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 350 pcs RFQ</p>	 <p>ATSAM3U4EA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 144BGA In stock: 881 pcs RFQ</p>
 <p>ATSAM4C-EK Manufacturers: Micrel / Microchip Technology Description: EVAL KIT FOR ATSAM4C In stock: 11 pcs RFQ</p>	 <p>ATSAM3X-EK Manufacturers: Micrel / Microchip Technology Description: EVAL KIT FOR SAM3X & SAM3A In stock: Out stock RFQ</p>
 <p>ATSAM3X4CA-AUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 4 pcs RFQ</p>	 <p>ATSAM3X8CA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 260 pcs RFQ</p>
 <p>ATSAM3X4EA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 144BGA In stock: 119 pcs RFQ</p>	 <p>ATSAM3X4CA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 100BGA In stock: 214 pcs RFQ</p>
 <p>ATSAM3X4CA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 60 pcs RFQ</p>	 <p>ATSAM3X4CA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: Out stock RFQ</p>