



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAM3U1EA-CU

Part Number:	ATSAM3U1EA-CU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 64KB FLASH 144BGA
Datasheets:	 ATSAM3U1EA-CU.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	7525 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

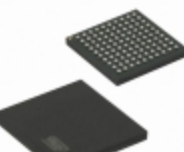
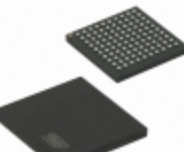
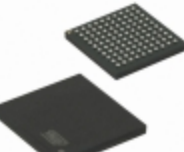
Specifications of ATSAM3U1EA-CU

PART NUMBER	ATSAM3U1EA-CU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 64KB FLASH 144BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	7525 pcs
DATA SHEET	 ATSAM3U1EA-CU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-BGA (13x13)
SPEED	96MHz
SERIES	SAM3U
RAM SIZE	20K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LFBGA
OTHER NAMES	ATSAM3U1EACU
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	96
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 SAM3U Microcontroller IC 32-Bit 96MHz 64KB (64K x 8) FLASH 144-BGA (13x13)
DATA CONVERTERS	A/D 8x10b, 8x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	EBI/EMI, I²C, Memory Card, SPI, SSC, UART/USART, USB
BASE PART NUMBER	ATSAM3U1

Related Tags

Micrel / Microchip Technology ATSAM3U1EA-CU	ATSAM3U1EA-CU Distributor	ATSAM3U1EA-CU Supplier
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Related Products

 ATSAM3U1EA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 144LQFP In stock: 8050 pcs RFQ	 ATSAM3U1EB-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 144LQFP In stock: 14731 pcs RFQ
 ATSAM3U2EA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 144LQFP In stock: 15443 pcs RFQ	 ATSAM3U1CA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 100LQFP In stock: 7120 pcs RFQ
 ATSAM3U1EB-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 144BGA In stock: 22359 pcs RFQ	 ATSAM3U-EK Manufacturers: Micrel / Microchip Technology Description: KIT EVAL FOR AT91SAM3U CORTEX In stock: 6280 pcs RFQ
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