
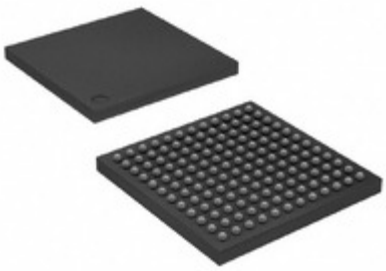





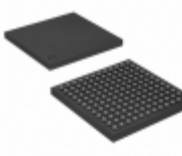
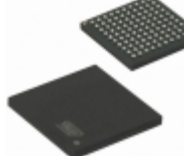

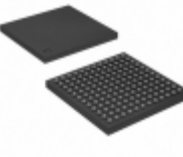



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|  | Manufacturer Part Number: ATSAM3U1EB-CU |
| | Manufacturer/Brand: Micrel / Microchip Technology |
|  | Part of Description: IC MCU 32BIT 64KB FLASH 144BGA |
| | Datasheets:  ATSAM3U1EB-CU.pdf |
| RoHs Status:  Lead free / RoHS | Stock Condition: Compliant New original, 2568 pcs Stock Available. |
| Ship From: Hong Kong | Shipment Way: DHL/Fedex/TNT/UPS/EMS |
| Image may be representation. See specs for product details. | |

Specifications

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|----------------------------|--|
| Part Number | ATSAM3U1EB-CU |
| Manufacturer | Micrel / Microchip Technology |
| Description | IC MCU 32BIT 64KB FLASH 144BGA |
| Category | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status | 2568 pcs Stock |
| 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, I ² S, POR, PWM, WDT |
| Packaging | Tray |
| Package / Case | 144-LFBGA |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 85°C (TA) |
| Number of I/O | 96 |
| EEPROM Size | - |
| Data Converters | A/D 8x10b, 8x12b |
| Core Size | 32-Bit |
| Core Processor | ARM® Cortex®-M3 |
| Connectivity | EBI/EMI, I ² C, Memory Card, SPI, SSC, UART/USART, |

You May Be Also Be interested

In:

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|  <p>ATSAM3U2EA-CU Microchip Technology IC MCU 32BIT 128KB FLASH 144BGA</p> |  <p>ATSAM3U2CA-AU Microchip Technology IC MCU 32BIT 128KB FLASH 100LQFP</p> |  <p>ATSAM3U1EA-AU Microchip Technology IC MCU 32BIT 64KB FLASH 144LQFP</p> |  <p>ATSAM3U2E-CU ATMEL ATMEL BGA</p> |

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