



Micrel / Microchip Technology

## ATSAM4E8CA-CU

Part Number:	ATSAM4E8CA-CU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 512KB FLASH 100BGA
Datasheets:	<a href="#">1.ATSAM4E8CA-CU.pdf</a> <a href="#">2.ATSAM4E8CA-CU.pdf</a>
RoHs Status:	Lead free / RoHS Compliant
Stock Condition:	12120 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 ATSAM4E8CA-CU

PART NUMBER	ATSAM4E8CA-CU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	12120 pcs
DATA SHEET	<a href="#">1.ATSAM4E8CA-CU.pdf</a> <a href="#">2.ATSAM4E8CA-CU.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TFBGA (9x9)
SPEED	120MHz
SERIES	SAM4E
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-TFBGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	79
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 SAM4E Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 100-TFBGA (9x9)
DATA CONVERTERS	A/D 16x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, Ethernet, IrDA, MMC/SD, SPI, UART/USART, USB
BASE PART NUMBER	ATSAM4E8

### Related Tags

Micrel / Microchip Technology ATSAM4E8CA-CU	ATSAM4E8CA-CU Distributor	ATSAM4E8CA-CU Supplier
ATSAM4E8CA-CU Price	ATSAM4E8CA-CU Pictures	ATSAM4E8CA-CU Image
ATSAM4E8CA-CU PDF Datasheet	ATSAM4E8CA-CU Download Datasheet	ATSAM4E8CA-CU Datasheet
ATSAM4E8CA-CU Stock	Buy ATSAM4E8CA-CU	Buy Micrel / Microchip Technology ATSAM4E8CA-CU
Micrel / Microchip Technology ATSAM4E8CA-CU	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATSAM4E8CA-CU	Microchip Technology ATSAM4E8CA-CU	Roving Networks / Microchip Technology ATSAM4E8CA-CU

### Related Products

<p><b>ATSAM4E8CB-ANR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: 100LQFP, GREEN, EXT TEMP, MRL B, T&amp;R                  In stock: 13137 pcs  <a href="#">RFQ</a></p>	<p><b>ATSAM4E8CB-CN</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100BGA                  In stock: 13869 pcs  <a href="#">RFQ</a></p>
<p><b>ATSAM4E16EB-CN</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 1MB FLASH 144LFBGA                  In stock: 20877 pcs  <a href="#">RFQ</a></p>	<p><b>ATSAM4E8CA-ANR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100LQFP                  In stock: 17724 pcs  <a href="#">RFQ</a></p>
<p><b>ATSAM4E8CA-CUR</b>                  Manufacturers: Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100BGA                  In stock: 14321 pcs  <a href="#">RFQ</a></p>	<p><b>ATSAM4E8CA-AUR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100LQFP                  In stock: 13609 pcs  <a href="#">RFQ</a></p>
<p><b>ATSAM4E8CA-AN</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100LQFP                  In stock: 13363 pcs  <a href="#">RFQ</a></p>	<p><b>ATSAM4E16EB-CNR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: SRAM                  In stock: 9267 pcs  <a href="#">RFQ</a></p>
<p><b>ATSAM4E8CB-CNR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: SRAM                  In stock: 12321 pcs  <a href="#">RFQ</a></p>	<p><b>ATSAM4E8CA-CUR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100BGA                  In stock: 16183 pcs  <a href="#">RFQ</a></p>
<p><b>ATSAM4E8CB-AN</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100LQFP                  In stock: 15074 pcs  <a href="#">RFQ</a></p>	<p><b>ATSAM4E8CA-AU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100LQFP                  In stock: 17250 pcs  <a href="#">RFQ</a></p>

