



Micrel / Microchip Technology

### ATSAM4N8CA-CFU

Part Number:	ATSAM4N8CA-CFU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 512KB FLASH 100BGA
Datasheets:	<a href="#">1.ATSAM4N8CA-CFU.pdf</a> <a href="#">2.ATSAM4N8CA-CFU.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	23870 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 ATSAM4N8CA-CFU

PART NUMBER	ATSAM4N8CA-CFU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	23870 pcs
DATA SHEET	<a href="#">1.ATSAM4N8CA-CFU.pdf</a> <a href="#">2.ATSAM4N8CA-CFU.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-VFBGA (7x7)
SPEED	100MHz
SERIES	SAM4N
RAM SIZE	64K 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-VFBGA
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 SAM4N Microcontroller IC 32-Bit 100MHz 512KB (512K x 8) FLASH 100-VFBGA (7x7)
DATA CONVERTERS	A/D 17x10b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I <sup>2</sup> C, IrDA, SPI, UART/USART
BASE PART NUMBER	ATSAM4N8

#### Related Tags

Micrel / Microchip Technology ATSAM4N8CA-CFU	ATSAM4N8CA-CFU Distributor	ATSAM4N8CA-CFU Supplier
ATSAM4N8CA-CFU Price	ATSAM4N8CA-CFU Pictures	ATSAM4N8CA-CFU Image
ATSAM4N8CA-CFU PDF Datasheet	ATSAM4N8CA-CFU Download Datasheet	ATSAM4N8CA-CFU Datasheet
ATSAM4N8CA-CFU Stock	Buy ATSAM4N8CA-CFU	Buy Micrel / Microchip Technology ATSAM4N8CA-CFU
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#### Related Products

<p><b>ATSAM4N8CA-CUR</b>                  Manufacturers: Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100BGA                  In stock: 22798 pcs  <a href="#">RFQ</a></p>	<p><b>ATSAM4S-EK</b>                  Manufacturers: Micrel / Microchip Technology                  Description: EVAL KIT FOR SAM4S8 &amp; SAM4S16                  In stock: 3406 pcs  <a href="#">RFQ</a></p>
<p><b>ATSAM4N8BA-MU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 64QFN                  In stock: 51405 pcs  <a href="#">RFQ</a></p>	<p><b>ATSAM4N8CA-AU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100LQFP                  In stock: 21656 pcs  <a href="#">RFQ</a></p>
<p><b>ATSAM4N8CA-AUR</b>                  Manufacturers: Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100LQFP                  In stock: 30014 pcs  <a href="#">RFQ</a></p>	<p><b>ATSAM4N8BA-MUR</b>                  Manufacturers: Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 64QFN                  In stock: 29337 pcs  <a href="#">RFQ</a></p>
<p><b>ATSAM4N8BA-MUR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 64QFN                  In stock: 32187 pcs  <a href="#">RFQ</a></p>	<p><b>ATSAM4N8CA-CU</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100BGA                  In stock: 26498 pcs  <a href="#">RFQ</a></p>
<p><b>ATSAM4N8CA-AUR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100LQFP                  In stock: 25346 pcs  <a href="#">RFQ</a></p>	<p><b>ATSAM4N8CA-CUR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100BGA                  In stock: 23026 pcs  <a href="#">RFQ</a></p>
<p><b>ATSAM4N8CA-CFUR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100BGA                  In stock: 28678 pcs  <a href="#">RFQ</a></p>	<p><b>ATSAM4N8CA-CFUR</b>                  Manufacturers: Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100BGA                  In stock: 22218 pcs  <a href="#">RFQ</a></p>

