




Microchip Technology

## ATSAM4N8CA-CFUR

Part Number:	ATSAM4N8CA-CFUR
Manufacturer/Brand:	Micro Commercial Components (MCC)
Product description:	IC MCU 32BIT 512KB FLASH 100BGA
Datasheets:	
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.


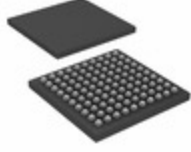
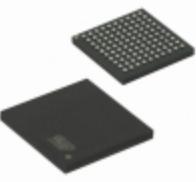

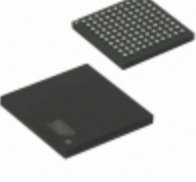


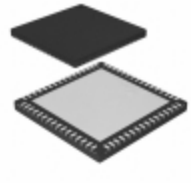


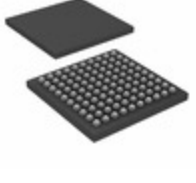

### Specifications of ATSAM4N8CA-CFUR

PART NUMBER	ATSAM4N8CA-CFUR
MANUFACTURER	Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	FLASH
SERIES	SAM4N
REVERSE RECOVERY TIME (TRR)	100MHz
REQUIRES	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PROGRAM MEMORY TYPE	512KB (512K x 8)
PROGRAM MEMORY SIZE	I <sup>2</sup> C, IrDA, SPI, UART/USART
OTHER NAMES	1611-ATSAM4N8CA-CFURDKR
OSCILLATOR TYPE	A/D 17x10b, D/A 1x10b
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
OPERATING SYSTEM	ARM® Cortex®-M4
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	18 Weeks
MANUFACTURER PART NUMBER	ATSAM4N8CA-CFUR
EXPANDED DESCRIPTION	ARM® Cortex®-M4 SAM4N Microcontroller IC 32-Bit 100MHz 512KB (512K x 8) FLASH
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100BGA
DATA SRAM BYTES	-
DATA CONVERTERS	1.62 V ~ 3.6 V
CORE SIZE	64K x 8
CONTROLLER SERIES	Internal
CONNECTIVITY	32-Bit
CLOCK RATE	79

### Related Tags

Micro Commercial Components (MCC) ATSAM4N8CA-CFUR	ATSAM4N8CA-CFUR Distributor	ATSAM4N8CA-CFUR Supplier
ATSAM4N8CA-CFUR Price	ATSAM4N8CA-CFUR Pictures	ATSAM4N8CA-CFUR Image
ATSAM4N8CA-CFUR PDF Datasheet	ATSAM4N8CA-CFUR Download Datasheet	ATSAM4N8CA-CFUR Datasheet
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Micro Commercial Co ATSAM4N8CA-CFUR	Micro Commercial Components (MCC) ATSAM4N8CA-CFUR	

### Related Products

 <p><b>ATSAM4S-EK</b> Manufacturers: Micrel / Microchip Technology Description: EVAL KIT FOR SAM4S8 &amp; SAM4S16 In stock: Out stock <a href="#">RFQ</a></p>	 <p><b>ATSAM4N8CA-CFUR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: Out stock <a href="#">RFQ</a></p>
 <p><b>ATSAM4N8CA-CU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 236 pcs <a href="#">RFQ</a></p>	 <p><b>ATSAM4N8CA-AUR</b> Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 972 pcs <a href="#">RFQ</a></p>
 <p><b>ATSAM4N8CA-CUR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: Out stock <a href="#">RFQ</a></p>	 <p><b>ATSAM4N8CA-CUR</b> Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: Out stock <a href="#">RFQ</a></p>
 <p><b>ATSAM4N8CA-AUR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: Out stock <a href="#">RFQ</a></p>	 <p><b>ATSAM4N8BA-MUR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64QFN In stock: Out stock <a href="#">RFQ</a></p>
 <p><b>ATSAM4S-EK2</b> Manufacturers: Micrel / Microchip Technology Description: EVAL KIT FOR SAM4S8 &amp; SAM4S16 In stock: Out stock <a href="#">RFQ</a></p>	 <p><b>ATSAM4N8CA-AU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 270 pcs <a href="#">RFQ</a></p>
 <p><b>ATSAM4N8CA-CFU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 184 pcs <a href="#">RFQ</a></p>	 <p><b>ATSAM4N8BA-MUR</b> Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64QFN In stock: Out stock <a href="#">RFQ</a></p>