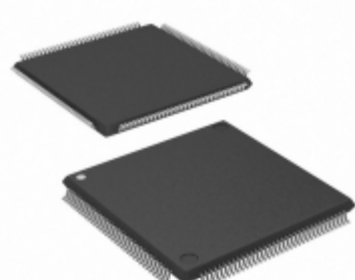


## ATSAM4C32EA-AUR



**Part Number:** [ATSAM4C32EA-AUR](#)  
**Manufacturer:** [Micrel / Microchip Technology](#)  
**Description:** IC MCU 32BIT 2MB FLASH 144LQFP  
**Data sheet:** [SAM4C Series Datasheet](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
 See Product Specifications for product details.  
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### PRODUCT PARAMETER

<b>Part Number</b>	ATSAM4C32EA-AUR	<b>Manufacturer</b>	<a href="#">Micrel / Microchip Technology</a>
<b>Description</b>	IC MCU 32BIT 2MB FLASH 144LQFP	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	12306 pcs	<b>Data sheet</b>	<a href="#">SAM4C Series Datasheet</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Supply (Vcc/Vdd)</b>	1.62 V ~ 3.6 V
<b>Supplier Device Package</b>	144-LQFP (20x20)	<b>Speed</b>	120MHz
<b>Series</b>	SAM4C	<b>RAM Size</b>	304K x 8
<b>Program Memory Type</b>	FLASH	<b>Program Memory Size</b>	2MB (2M x 8)
<b>Peripherals</b>	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	<b>Packaging</b>	Tape & Reel (TR)
<b>Package / Case</b>	144-LQFP	<b>Other Names</b>	ATSAM4C32EA-AURTR
<b>Oscillator Type</b>	Internal	<b>Operating Temperature</b>	-40°C ~ 85°C (TA)
<b>Number of I/O</b>	106	<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>EEPROM Size</b>	-
<b>Detailed Description</b>	ARM® Cortex®-M4 SAM4C Microcontroller IC 32-Bit Dual-Core 120MHz 2MB (2M x 8) FLASH 144-LQFP (20x20)	<b>Data Converters</b>	A/D 8x10b
<b>Core Size</b>	32-Bit Dual-Core	<b>Core Processor</b>	ARM® Cortex®-M4
<b>Connectivity</b>	EBI/EMI, I <sup>2</sup> C, IrDA, SPI, UART/USART, USB	<b>Base Part Number</b>	ATSAM4C32

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	<b>Part#:</b> <a href="#">ATSAM4C8CA-AUR</a> <b>Description:</b> IC MCU 32BIT 512KB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATSAM4C16CA-AU</a> <b>Description:</b> IC MCU 32BIT 1MB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATSAM4C8CB-AUR</a> <b>Description:</b> IC MCU 32BIT 512KB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATSAM4C32CA-AUR</a> <b>Description:</b> IC MCU 32BIT 2MB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATSAM4C8CB-AU</a> <b>Description:</b> IC MCU 32BIT 512KB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATSAM4CMP16CB-AU</a> <b>Description:</b> IC MCU 32BIT 1MB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATSAM4C8CA-AU</a> <b>Description:</b> IC MCU 32BIT 512KB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATSAM4C4CB-AU</a> <b>Description:</b> IC MCU 32BIT 256KB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATSAM3X8EA-CU</a> <b>Description:</b> IC MCU 32BIT 512KB FLASH 144BGA	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATSAM4C32EA-AU</a> <b>Description:</b> IC MCU 32BIT 2MB FLASH 144LQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATSAM4C16CB-AUR</a> <b>Description:</b> IC MCU 32BIT 1MB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATSAM4C32-EK</a> <b>Description:</b> EVAL KIT FOR SAM4C32	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATSAM4C32CA-AU</a> <b>Description:</b> IC MCU 32BIT 2MB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATSAM4CMP16CA-AU</a> <b>Description:</b> IC MCU 32BIT 1MB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATSAM4C16CA-AUR</a> <b>Description:</b> IC MCU 32BIT 1MB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATSAM4CMP-DB</a> <b>Description:</b> SAM4CMP DEMO BOARD	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATSAM4C-EK</a> <b>Description:</b> EVAL KIT FOR ATSAM4C	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">ATSAM4CMP16CA-AUR</a> <b>Description:</b> IC MCU 32BIT 1MB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ATSAM4C4CB-AUR</a> <b>Description:</b> IC MCU 32BIT 256KB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>

### Related keywords for ATSAM4C32EA-AUR

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