



Microchip Technology

## ATSAM4C16CB-AUR

Part Number:	ATSAM4C16CB-AUR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 1MB FLASH 100LQFP
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	7900 pcs stock
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 ATSAM4C16CB-AUR

PART NUMBER	ATSAM4C16CB-AUR
MANUFACTURER	Microchip Technology
DESCRIPTION	IC MCU 32BIT 1MB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	7900 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	FLASH
SERIES	SAM4C
REVERSE RECOVERY TIME (TRR)	120MHz
REQUIRES	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
PROGRAM MEMORY TYPE	1MB (1M x 8)
PROGRAM MEMORY SIZE	EBI/EMI, I <sup>2</sup> C, IrDA, SPI, UART/USART
OTHER NAMES	1611-ATSAM4C16CB-AURDKR
OSCILLATOR TYPE	A/D 8x10b
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
OPERATING SYSTEM	ARM® Cortex®-M4
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER PART NUMBER	ATSAM4C16CB-AUR
EXPANDED DESCRIPTION	ARM® Cortex®-M4 SAM4C Microcontroller IC 32-Bit Dual-Core 120MHz 1MB (1M x 8) FLASH
DESCRIPTION	IC MCU 32BIT 1MB FLASH 100LQFP
DATA SRAM BYTES	-
DATA CONVERTERS	1.62 V ~ 3.6 V
CORE SIZE	128K x 8
CONTROLLER SERIES	Internal
CONNECTIVITY	32-Bit Dual-Core
CLOCK RATE	74

### Related Tags

Micrel / Microchip Technology ATSAM4C16CB-AUR	ATSAM4C16CB-AUR Distributor	ATSAM4C16CB-AUR Supplier
ATSAM4C16CB-AUR Price	ATSAM4C16CB-AUR Pictures	ATSAM4C16CB-AUR Image
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### Related Products

<p><b>ATSAM4C16CA-AU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 5804 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ATSAM4C32EA-AUR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: 11276 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ATSAM4C32CA-AUR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100LQFP In stock: 10687 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ATSAM4C16CB-AUR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 16711 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ATSAM4C32CA-AUR</b> Manufacturers: Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100LQFP In stock: 7587 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ATSAM4C16CA-AUR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 4419 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ATSAM4C16CB-AU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 17882 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ATSAM4C16CA-AUR</b> Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 9058 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ATSAM4C32EA-AU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: 11865 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ATSAM4C-EK</b> Manufacturers: Micrel / Microchip Technology Description: EVAL KIT FOR ATSAM4C In stock: 294 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>ATSAM4C32-EK</b> Manufacturers: Micrel / Microchip Technology Description: EVAL KIT FOR SAM4C32 In stock: 321 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>ATSAM4C32CA-AU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100LQFP In stock: 11509 pcs</p> <p><a href="#">RFQ</a></p>