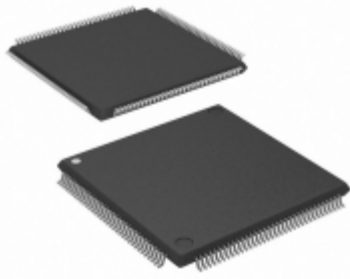


ATSAM4C32EA-AU





Part Number:

ATSAM4C32EA-AU

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

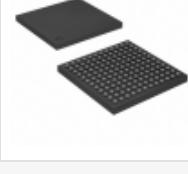
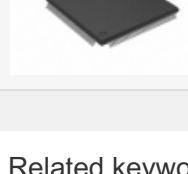
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATSAM4C32EA-AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 2MB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	11699 pcs	Data sheet	SAM4C Series Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	144-LQFP (20x20)	Speed	120MHz
Series	SAM4C	RAM Size	304K x 8
Program Memory Type	FLASH	Program Memory Size	2MB (2M x 8)
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	106
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	5 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4 SAM4C Microcontroller IC 32-Bit Dual-Core 120MHz 2MB (2M x 8) FLASH 144-LQFP (20x20)	Data Converters	A/D 8x10b
Core Size	32-Bit Dual-Core	Core Processor	ARM® Cortex®-M4
Connectivity	EBI/EMI, I²C, IrDA, SPI, UART/USART, USB	Base Part Number	ATSAM4C32
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	Part#: ATSAM4CMP-DB Description: SAM4CMP DEMO BOARD	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4C8CA-AUR Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4C16CA-AU Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4C-EK Description: EVAL KIT FOR ATSAM4C	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAM4C32-EK Description: EVAL KIT FOR SAM4C32	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4C16CB-AU Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4C8CB-AUR Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4C4CB-AUR Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAM4C32CA-AUR Description: IC MCU 32BIT 2MB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4C32CA-AU Description: IC MCU 32BIT 2MB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAM4C32EA-AUR Description: IC MCU 32BIT 2MB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4CMP16CA-AU Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4C16CB-AUR Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM3X8EA-CU Description: IC MCU 32BIT 512KB FLASH 144BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM3X8EA-AU Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ

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