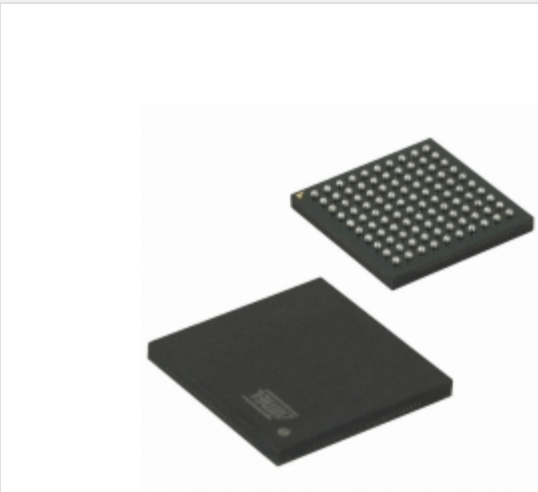


ATSAM4E16CA-CU





Part Number:

ATSAM4E16CA-CU

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 32BIT 1MB FLASH 100TFBGA

Data sheet:

SAM4E Series Flyer

SAM4E Series Datasheet

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

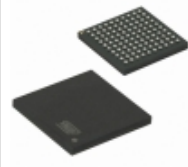
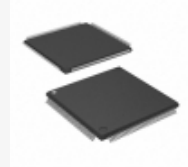
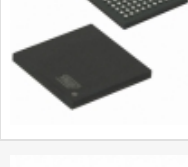
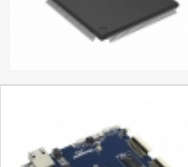
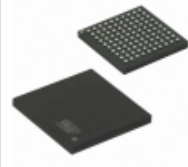
Shipment Way:

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	ATSAM4E16CA-CU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 1MB FLASH 100TFBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	14774 pcs	Data sheet	SAM4E Series Flyer SAM4E Series Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	100-TFBGA (9x9)	Speed	120MHz
Series	SAM4E	RAM Size	128K x 8
Program Memory Type	FLASH	Program Memory Size	1MB (1M x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	100-TFBGA	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	79
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	11 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4 SAM4E Microcontroller IC 32-Bit 120MHz 1MB (1M x 8) FLASH 100-TFBGA (9x9)	Data Converters	A/D 16x12b, D/A 2x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	CANbus, Ethernet, IrDA, MMC/SD, SPI, UART/USART, USB	Base Part Number	ATSAM4E16
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	Part#: ATSAM4E16CB-CN Description: IC MCU 32BIT 1MB FLASH 144TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4E16CA-AUR Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4CP16C-EK Description: EVAL KIT FOR SAM4CP16C	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAM4E16CA-AN Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAM4E16EA-AUR Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4E16CB-ANR Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4E16CB-CNR Description: IC MCU 32BIT 1MB FLASH 100TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAM4E16CA-CUR Description: IC MCU 32BIT 1MB FLASH 100TFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4CP16C-AHU-Y Description: IC MCU 32BIT 1MB FLASH 176LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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