















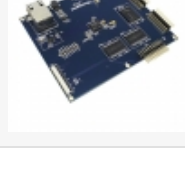




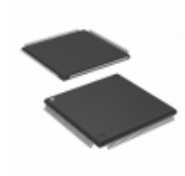



ATSAM4E16CA-AN

	 <p>Part Number: ATSAM4E16CA-AN</p> <p>Manufacturer: Micrel / Microchip Technology</p> <p>Description: IC MCU 32BIT 1MB FLASH 100LQFP</p> <p>Data sheet:  SAM4E Series Datasheet</p>	<p>RoHS Status: Lead free / RoHS Compliant</p> <p>Ship From: Hong Kong</p> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>
<p>Images are for reference only. See Product Specifications for product details. Buy ATSAM4E16CA-AN with confidence from Component-World.HK, 1 Year Warranty</p>		<p>Request For Quotation</p>

PRODUCT PARAMETER			
Part Number	ATSAM4E16CA-AN	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 1MB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	14824 pcs	Data sheet	SAM4E Series Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	100-LQFP (14x14)	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-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	79
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	9 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-LQFP (14x14)	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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	<p>Part#: ATSAM4E16CA-AUR</p> <p>Description: IC MCU 32BIT 1MB FLASH 100LQFP</p>	Manufacturers: Micrel / Microchip Technology	RFQ
	<p>Part#: ATSAM4E16CB-AN</p> <p>Description: IC MCU 32BIT 1MB FLASH 100LQFP</p>	Manufacturers: Micrel / Microchip Technology	RFQ
	<p>Part#: ATSAM4CP16C-EK</p> <p>Description: EVAL KIT FOR SAM4CP16C</p>	Manufacturers: Micrel / Microchip Technology	RFQ
	<p>Part#: ATSAM4CMS8CB-AU</p> <p>Description: IC MCU 32BIT 512KB FLASH 100LQFP</p>	Manufacturers: Micrel / Microchip Technology	RFQ
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	<p>Part#: ATSAM4E16CA-CUR</p> <p>Description: IC MCU 32BIT 1MB FLASH 100TFBGA</p>	Manufacturers: Micrel / Microchip Technology	RFQ
	<p>Part#: ATSAM4E16CA-ANR</p> <p>Description: IC MCU 32BIT 1MB FLASH 100LQFP</p>	Manufacturers: Micrel / Microchip Technology	RFQ
	<p>Part#: ATSAM4CMS8CC-AU</p> <p>Description: IC MCU 32BIT 512KB FLASH 100LQFP</p>	Manufacturers: Micrel / Microchip Technology	RFQ
	<p>Part#: ATSAM4CP16B-EK</p> <p>Description: EVAL KIT FOR SAM4CP16B</p>	Manufacturers: Micrel / Microchip Technology	RFQ
	<p>Part#: ATSAM4E-XPRO</p> <p>Description: SAM4E XPLAINED PRO EVAL KIT</p>	Manufacturers: Micrel / Microchip Technology	RFQ
	<p>Part#: ATSAM4CP16C-AHU-Y</p> <p>Description: IC MCU 32BIT 1MB FLASH 176LQFP</p>	Manufacturers: Micrel / Microchip Technology	RFQ
	<p>Part#: ATSAM4E16CA-CU</p> <p>Description: IC MCU 32BIT 1MB FLASH 100TFBGA</p>	Manufacturers: Micrel / Microchip Technology	RFQ
	<p>Part#: ATSAM4CP16B-AHU-Y</p> <p>Description: IC MCU 32BIT 1MB FLASH 176LQFP</p>	Manufacturers: Micrel / Microchip Technology	RFQ
	<p>Part#: ATSAM4CMS8CB-AUR</p> <p>Description: IC MCU 32BIT 512KB FLASH 100LQFP</p>	Manufacturers: Micrel / Microchip Technology	RFQ
	<p>Part#: ATSAM4E16EA-AN</p> <p>Description: IC MCU 32BIT 1MB FLASH 144LQFP</p>	Manufacturers: Micrel / Microchip Technology	RFQ
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