

ATSAML21E16B-MUT



Part Number:

ATSAML21E16B-MUT

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 32BIT 64KB FLASH 32QFN

Data sheet:

 [SAM L21 Datasheet Complete](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

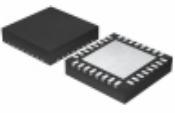
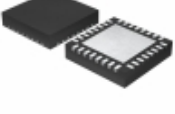
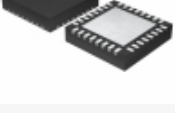
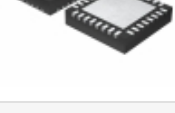
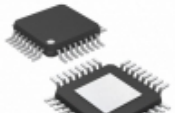
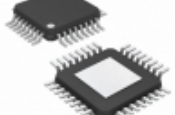
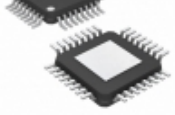
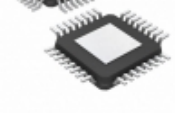
Shipment Way:

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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATSAML21E16B-MUT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 64KB FLASH 32QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	41186 pcs	Data sheet	SAM L21 Datasheet Complete
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.63 V
Supplier Device Package	32-QFN (5x5)	Speed	48MHz
Series	SAM L21E	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	DMA, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	32-VFQFN Exposed Pad	Other Names	ATSAML21E16B-MUT-ND ATSAML21E16B-MUTTR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	25	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	22 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M0+ SAM L21E Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH 32-QFN (5x5)
Data Converters	A/D 10x12b, D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	I²C, LINbus, SCI, SPI, UART/USART, USB
Base Part Number	ATSAML21E16		
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RELATED PRODUCTS			
	Part#: ATSAML11E16A-UUT Description: IC MCU 32BIT 64KB FLASH 32WLCSP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAML21E16B-MNT Description: 32QFN 85C, GREEN,1.6-3.6V,48MHZ	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21E15B-MNT Description: 32QFN 85C, GREEN,1.6-3.6V,48MHZ	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21E17B-MUT Description: IC MCU 32BIT 128KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21E15B-MUT Description: IC MCU 32BIT 32KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21E15B-AUT Description: IC MCU 32BIT 32KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21-XPRO Description: EVAL KIT FOR SAML21	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21G16B-AUT Description: IC MCU 32BIT 64KB FLASH 48TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21E18B-MUT Description: IC MCU 32BIT 256KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21-XPRO-B Description: EVAL KIT FOR SAML21	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21E17B-AUT Description: IC MCU 32BIT 128KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21E16B-AUT Description: IC MCU 32BIT 64KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21E15B-ANT Description: 32TQFP 85C, GREEN,1.6-3.6V,48MHZ	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21E17B-ANT Description: 32TQFP 85C, GREEN,1.6-3.6V,48MHZ	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21E16B-ANT Description: 32TQFP 85C, GREEN,1.6-3.6V,48MHZ	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21E18B-AUT Description: IC MCU 32BIT 256KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21E18B-MNT Description: 32QFN 85C, GREEN,1.6-3.6V,48MHZ	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21G16B-ANT Description: 48TQFP 85C, GREEN,1.6-3.6V,48MHZ	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML21E18B-ANT Description: 32TQFP 85C, GREEN,1.6-3.6V,48MHZ	Manufacturers: Micrel / Microchip Technology	RFQ

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