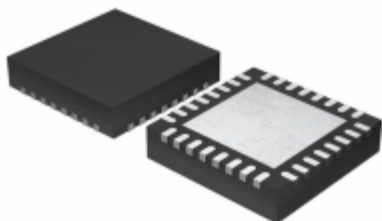


ATSAMD21E16B-MU





Part Number: [ATSAMD21E16B-MU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 64KB FLASH 32QFN

Data sheet:  [SAM D21E,G,J Summary](#)
 [SAM D21E,G,J Complete](#)

RoHS Status: Lead free / RoHS Compliant

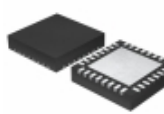
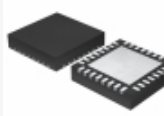
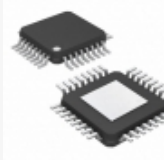
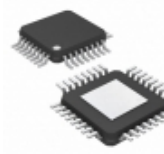
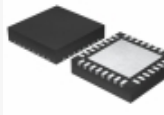
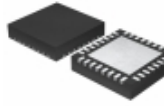
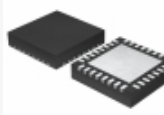
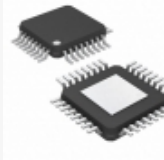
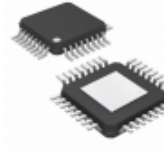
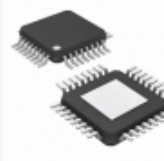
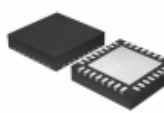
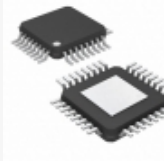
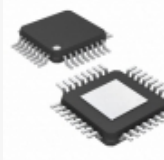
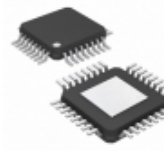
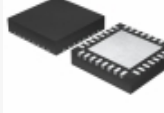
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	ATSAMD21E16B-MU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 64KB FLASH 32QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	65867 pcs	Data sheet	SAM D21E,G,J Summary SAM D21E,G,J Complete
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	32-QFN (5x5)	Speed	48MHz
Series	SAM D21E	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Packaging	Tray
Package / Case	32-VFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	26
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	15 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0+ SAM D21E Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH 32-QFN (5x5)	Data Converters	A/D 10x12b, D/A 1x10b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0+
Connectivity	I ² C, LINbus, SPI, UART/USART, USB	Base Part Number	ATSAMD21E16
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	Part#: ATSAMD21E16A-MU Description: IC MCU 32BIT 64KB FLASH 32QFN	Manufacturers: Microchip Technology	RFQ
	Part#: ATSAMD21E16A-AU Description: IC MCU 32BIT 64KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21E16B-AFT Description: IC MCU 32BIT 64KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21E16L-MFT Description: IC MCU 32BIT 64KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21E16L-MF Description: IC MCU 32BIT 64KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21E16B-MUT Description: IC MCU 32BIT 64KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21E16C-UUT Description: 35WLCSP,85C TEMP, GREEN, 48MHZ,	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21E16B-UUT Description: IC MCU 32BIT 64KB FLASH 35WLCSP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21E16LMOTOR Description: SAMD21E16L BLDC MOTOR CTRL BOARD	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21E16L-AF Description: IC MCU 32BIT 64KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21E16B-AF Description: IC MCU 32BIT 64KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21E17A-AF Description: IC MCU 32BIT 128KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21E16B-MF Description: IC MCU 32BIT 64KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21E16B-AUT Description: IC MCU 32BIT 64KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21E16B-AU Description: IC MCU 32BIT 64KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21E16A-AUT Description: IC MCU 32BIT 64KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMD21E16B-MFT Description: IC MCU 32BIT 64KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ

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