

ATSAMD21E16B-AF



Part Number:

ATSAMD21E16B-AF

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 32BIT 64KB FLASH 32TQFP

Data sheet:

 [SAM D21E,G,J Summary](#)

 [SAM D21E,G,J Complete](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

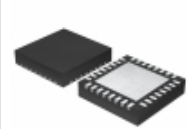
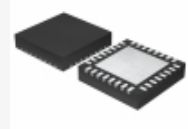
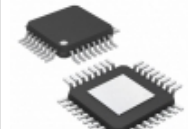
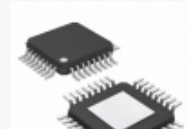
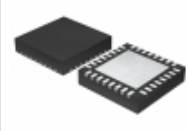
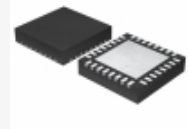
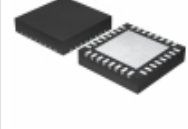
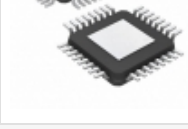
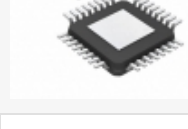
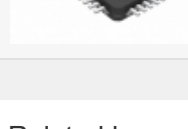
Shipment Way:

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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATSAMD21E16B-AF	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 64KB FLASH 32TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	50806 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-TQFP (7x7)	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-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	26
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	6 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-TQFP (7x7)	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#: ATSAMD21E15L-AFT Description: IC MCU 32BIT 32KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMD21E16B-AU Description: IC MCU 32BIT 64KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21E15C-UUT Description: 35WLCSP,85C TEMP, GREEN, 48MHZ,	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21E15L-MF Description: IC MCU 32BIT 32KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21E16C-UUT Description: 35WLCSP,85C TEMP, GREEN, 48MHZ,	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD21E16A-MUT Description: IC MCU 32BIT 64KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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