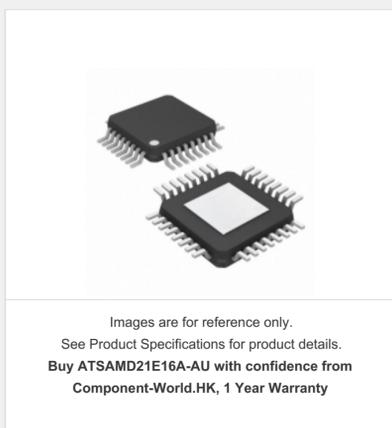


ATSAMD21E16A-AU



Part Number: [ATSAMD21E16A-AU](#)
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: DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER	
Part Number	ATSAMD21E16A-AU
Description	IC MCU 32BIT 64KB FLASH 32TQFP
Quantity Available	127776 pcs
Category	Integrated Circuits (ICs)
Supplier Device Package	32-TQFP (7x7)
Series	SAM D21E
Program Memory Type	FLASH
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT
Package / Case	32-TQFP
Oscillator Type	Internal
Number of I/O	26
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	ARM® Cortex®-M0+ SAM D21E Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH 32-TQFP (7x7)
Core Size	32-Bit
Connectivity	I ² C, LINbus, SPI, UART/USART, USB
Manufacturer	Micrel / Microchip Technology
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Data sheet	SAM D21E,G,J Summary SAM D21E,G,J Complete
Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Speed	48MHz
RAM Size	8K x 8
Program Memory Size	64KB (64K x 8)
Packaging	Tray
Other Names	1611-ATSAMD21E16A-AU
Operating Temperature	-40°C ~ 85°C (TA)
Moisture Sensitivity Level (MSL)	3 (168 Hours)
EEPROM Size	-
Data Converters	A/D 10x12b, D/A 1x10b
Core Processor	ARM® Cortex®-M0+

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	Part#: ATSAMD21E15L-MF Description: IC MCU 32BIT 32KB FLASH 32QFN Manufacturers: Micrel / Microchip Technology RFQ
	Part#: ATSAMD21E16B-AUT Description: IC MCU 32BIT 64KB FLASH 32TQFP Manufacturers: Micrel / Microchip Technology RFQ
	Part#: ATSAMD21E15L-AF Description: IC MCU 32BIT 32KB FLASH 32TQFP Manufacturers: Micrel / Microchip Technology RFQ
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	Part#: ATSAMD21E16B-MU Description: IC MCU 32BIT 64KB FLASH 32QFN Manufacturers: Micrel / Microchip Technology RFQ
	Part#: ATSAMD21E15C-UUT Description: 35WLCSP,85C TEMP, GREEN, 48MHZ, Manufacturers: Micrel / Microchip Technology RFQ
	Part#: ATSAMD21E15L-MNT Description: IC MCU 32BIT 32KB FLASH 32QFN Manufacturers: Micrel / Microchip Technology RFQ
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	Part#: ATSAMD21E16A-MUT Description: IC MCU 32BIT 64KB FLASH 32QFN Manufacturers: Micrel / Microchip Technology RFQ
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	Part#: ATSAMD21E16B-AF Description: IC MCU 32BIT 64KB FLASH 32TQFP Manufacturers: Micrel / Microchip Technology RFQ

Related keywords for ATSAMD21E16A-AU

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