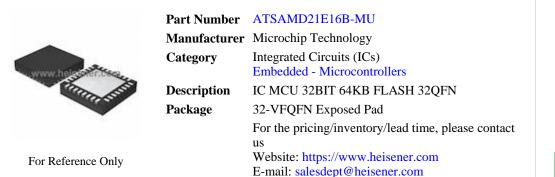


# ATSAMD21E16B-MU

#### **ATSAMD21E16B-MU Information**





Request a Quote

## **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



### ATSAMD21E16B-MU Specifications

Manufacturer Part Number	ATSAMD21E16B-MU
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs)
	Embedded - Microcontrollers
Package	32-VFQFN Exposed Pad
Series	SAM D21E
Core Processor	ARM? Cortex?-M0+
Core Size	32-Bit
Speed	48MHz
Connectivity	I2C, LIN, SPI, UART/USART, USB
Peripherals	Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT
Number of I/O	26
Program Memory Size	64KB (64K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	8K x 8
Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Data Converters	A/D 10x12b, D/A 1x10b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	32-VFQFN Exposed Pad
Supplier Device Package	32-QFN (5x5)
	Report errors'

### ATSAMD21E16B-MU Guarantees



**Quality Guarantees** 

We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

### ATSAMD21E16B-MU Payment Methods



If you have any question about ATSAMD21E16B-MU, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com