

Image may be representation.  
See specifications for product details.



## ATTINY861A-MU

Manufacturer Part Number	<b>ATTINY861A-MU</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-ATTINY861A-MU
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 8KB FLASH 32VQFN
Package	32-VFQFN Exposed Pad
Data sheet	<a href="#">ATTINY261A/461A/861A Datasheet.pdf</a> <a href="#">ATTINY261A/461A/861A Summary.pdf</a>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ATTINY861A-MU - Microchip Technology. New Original in Stock. Download Linear Technology ATTINY861A-MU datasheet/specifications on AllelcoElec.com. Request a quote for ATTINY861A-MU, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

ATTINY861A-MU Tech Specifications

ATTINY861A-MU - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	32-VQFN (5x5)	Number of I/O	16
Speed	20MHz	Mounting Type	Surface Mount
Series	AVR® ATtiny	EEPROM Size	512 x 8
RAM Size	512 x 8	Data Converters	A/D 11x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	8KB (4K x 16)	Core Processor	AVR
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Connectivity	USI
Package / Case	32-VFQFN Exposed Pad	Base Product Number	ATTINY861
Package	Tray		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATTINY861A-MU

Product Attribute				
Part Number	ATTINY861A-MU	<a href="#">ATTINY861-20SUR</a>	<a href="#">ATTINY87-15MZ</a>	<a href="#">ATTINY861V-10SU</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	1.8V ~ 5.5V
Program Memory Size	8KB (4K x 16)	8KB (4K x 16)	8KB (4K x 16)	8KB (4K x 16)
Supplier Device Package	32-VQFN (5x5)	20-SOIC	32-QFN (5x5)	20-SOIC
Core Processor	AVR	AVR	AVR	AVR
Package / Case	32-VFQFN Exposed Pad	20-SOIC (0.295", 7.50mm Width)	32-VFQFN Exposed Pad	20-SOIC (0.295", 7.50mm Width)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Oscillator Type	Internal	Internal	Internal	Internal
Speed	20MHz	20MHz	16MHz	10MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	16	16	16	16
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Brown-out Detect/Reset, POR, PWM, WDT
Connectivity	USI	USI	I <sup>2</sup> C, LINbus, SPI, UART/USART, USI	USI
Series	AVR® ATtiny	AVR® ATtiny	Automotive, AEC-Q100, AVR® ATtiny	AVR® ATtiny
RAM Size	512 x 8	512 x 8	512 x 8	512 x 8
Base Product Number	ATTINY861	ATTINY861	ATTINY87	ATTINY861
EEPROM Size	512 x 8	512 x 8	512 x 8	512 x 8
Data Converters	A/D 11x10b	A/D 11x10b	A/D 11x10b	A/D 11x10b
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Package	Tray	Tape & Reel (TR)	Tape & Reel (TR)	Tube

## ATTINY861A-MU Datasheet PDF

Download ATTINY861A-MU pdf datasheets and Microchip Technology documentation for ATTINY861A-MU - Microchip Technology.

### Datasheets

[ATTINY261A/461A/861A Datasheet.pdf](#)

[ATTINY261A/461A/861A Summary.pdf](#)

### PCN Packaging

[Transfer to Microchip/Label/Pkg 5/Sep/2016.pdf](#)

[Boxes 07/Dec/2016.pdf](#)

## PCN Design/Specification



Marking Chgs 11/Jul/2017.pdf



Multiple Devices Copper Wire 20/Aug/2013.pdf

## PCN Other



MSL Update 26/Feb/2014.pdf

## PCN Assembly/Origin



Assembly Site 29/Mar/2023.pdf

## Customers Also Interested in

### Recommended Products



#### ATTINY861-20SUR

Microchip Technology  
IC MCU 8BIT 8KB FLASH 20SOIC



#### ATTINY87-15MZ

Microchip Technology  
IC MCU 8BIT 8KB FLASH 32QFN



#### ATTINY861V-10SU

Microchip Technology  
IC MCU 8BIT 8KB FLASH 20SOIC



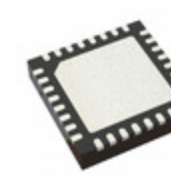
#### ATTINY861-20SU

Microchip Technology  
IC MCU 8BIT 8KB FLASH 20SOIC



#### ATTINY861A-SU

Microchip Technology  
IC MCU 8BIT 8KB FLASH 20SOIC



#### ATTINY861-15MZ

Microchip Technology  
IC MCU 8BIT 8KB FLASH 32QFN



#### ATTINY87-A15SZ

Microchip Technology  
IC MCU 8BIT 8KB FLASH 20SOIC



#### ATTINY861A-MU

Atmel  
IC MCU 8BIT 8KB FLASH 32VQFN



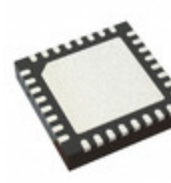
#### ATTINY87-A15MZ

Microchip Technology  
IC MCU 8BIT 8KB FLASH 32QFN



#### ATTINY861A-XUR

Microchip Technology  
IC MCU 8BIT 8KB FLASH 20TSSOP



#### ATTINY861V-10MU

Microchip Technology  
IC MCU 8BIT 8KB FLASH 32VQFN



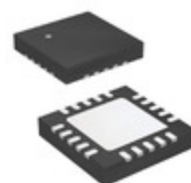
#### ATTINY861A-SU

Atmel  
IC MCU 8BIT 8KB FLASH 20SOIC



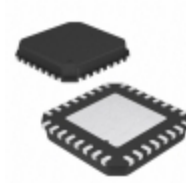
#### ATTINY85V-10SUR

Microchip Technology  
IC MCU 8BIT 8KB FLASH 8SOIC



#### ATTINY861-15MAZ

Microchip Technology  
IC MCU 8BIT 8KB FLASH 20QFN



#### ATTINY861A-MUR

Microchip Technology  
IC MCU 8BIT 8KB FLASH 32VQFN



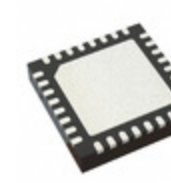
#### ATTINY861-20MU

Microchip Technology  
IC MCU 8BIT 8KB FLASH 32VQFN



#### ATTINY861-15XZ

Microchip Technology  
IC MCU 8BIT 8KB FLASH 20TSSOP



#### ATTINY861-15MD

Microchip Technology  
IC MCU 8BIT 8KB FLASH 32QFN

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

- > Use your express account for shipment if you have one.
  - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

### Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

## Certifications & Memberships



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