

Image may be representation.  
See specifications for product details.



## ATTINY43U-MU

Manufacturer Part Number	<b>ATTINY43U-MU</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-ATTINY43U-MU
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 4KB FLASH 20QFN
Package	20-WFQFN Exposed Pad
Data sheet	<a href="#">ATTINY43U Datasheet.pdf</a> <a href="#">ATTINY43U Summary.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**

ATTINY43U-MU - Microchip Technology. New Original in Stock. Download Linear Technology ATTINY43U-MU datasheet/specifications on AllelcoElec.com. Request a quote for ATTINY43U-MU, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ATTINY43U-MU Tech Specifications  
ATTINY43U-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	20-QFN-EP (4x4)	Number of I/O	16
Speed	8MHz	Mounting Type	Surface Mount
Series	AVR® ATtiny	EEPROM Size	64 x 8
RAM Size	256 x 8	Data Converters	A/D 4x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	4KB (2K x 16)	Core Processor	AVR
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Connectivity	USI
Package / Case	20-WFQFN Exposed Pad	Base Product Number	ATTINY43
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATTINY43U-MU

Product Attribute				
Part Number	ATTINY43U-MU	ATTINY4313-MMH	ATTINY4313-PU	ATTINY4313-MU
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Connectivity	USI	I <sup>2</sup> C, SPI, UART/USART	I <sup>2</sup> C, SPI, UART/USART	I <sup>2</sup> C, SPI, UART/USART
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Program Memory Size	4KB (2K x 16)	4KB (2K x 16)	4KB (2K x 16)	4KB (2K x 16)
Number of I/O	16	18	18	18
Package / Case	20-WFQFN Exposed Pad	20-VQFN Exposed Pad	20-DIP (0.300", 7.62mm)	20-WFQFN Exposed Pad
Base Product Number	ATTINY43	ATTINY4313	ATTINY4313	ATTINY4313
Core Processor	AVR	AVR	AVR	AVR
RAM Size	256 x 8	256 x 8	256 x 8	256 x 8
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Speed	8MHz	20MHz	20MHz	20MHz
Supplier Device Package	20-QFN-EP (4x4)	20-VQFN (3x3)	20-PDIP	20-QFN-EP (4x4)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Oscillator Type	Internal	Internal	Internal	Internal
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT
Data Converters	A/D 4x10b	-	-	-
Series	AVR® ATtiny	AVR® ATtiny	AVR® ATtiny	AVR® ATtiny
Package	Tray	Tray	Tube	Tray
EEPROM Size	64 x 8	256 x 8	256 x 8	256 x 8

### ATTINY43U-MU Datasheet PDF

Download ATTINY43U-MU pdf datasheets and Microchip Technology documentation for ATTINY43U-MU - Microchip Technology.

#### 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

 2.73KHz.pdf

## PCN Assembly/Origin

 2.73KHz.pdf

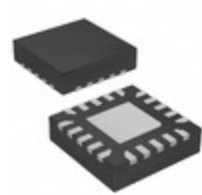
## HTML Datasheet

 ATTINY43U Datasheet.pdf

 ATTINY43U Summary.pdf

## Customers Also Interested in

### Recommended Products



#### ATTINY4313-MMH

Microchip Technology  
IC MCU 8BIT 4KB FLASH 20VQFN



#### ATTINY4313-PU

Microchip Technology  
IC MCU 8BIT 4KB FLASH 20DIP



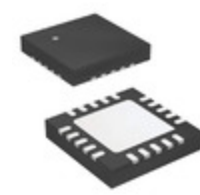
#### ATTINY4313-MU

Microchip Technology  
IC MCU 8BIT 4KB FLASH 20QFN



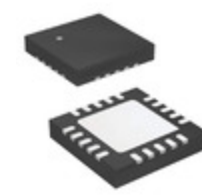
#### ATTINY44-15SSZ

Atmel  
IC MCU 8BIT 4KB FLASH 14SOIC



#### ATTINY44-20MUR

Microchip Technology  
IC MCU 8BIT 4KB FLASH 20QFN



#### ATTINY4313-MUR

Microchip Technology  
IC MCU 8BIT 4KB FLASH 20QFN



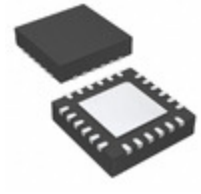
#### ATTINY44-20SSU

Microchip Technology  
IC MCU 8BIT 4KB FLASH 14SOIC



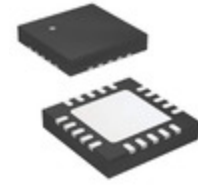
#### ATTINY43U-SU

Microchip Technology  
IC MCU 8BIT 4KB FLASH 20SOIC



#### ATTINY417-MNR

Microchip Technology  
IC MCU 8BIT 4KB FLASH 24VQFN



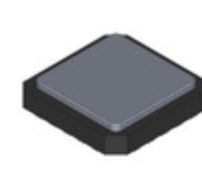
#### ATTINY44-20MU

Microchip Technology  
IC MCU 8BIT 4KB FLASH 20QFN



#### ATTINY4313-SUR

Microchip Technology  
IC MCU 8BIT 4KB FLASH 20SOIC



#### ATTINY44-20MU

Atmel  
IC MCU 8BIT 4KB FLASH 20QFN



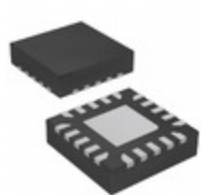
#### ATTINY416-SNR

Microchip Technology  
IC MCU 8BIT 4KB FLASH 20SOIC



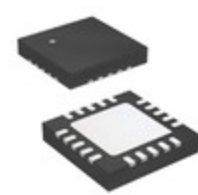
#### ATTINY44-15SSZ

Microchip Technology  
IC MCU 8BIT 4KB FLASH 14SOIC



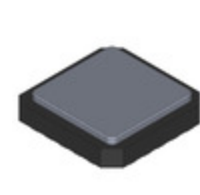
#### ATTINY4313-MMHR

Microchip Technology  
IC MCU 8BIT 4KB FLASH 20VQFN



#### ATTINY44-15MZ

Microchip Technology  
IC MCU 8BIT 4KB FLASH 20WQFN



#### ATTINY44-20MUR

Atmel  
IC MCU 8BIT 4KB FLASH 20QFN



#### ATTINY4313-SU

Microchip Technology  
IC MCU 8BIT 4KB FLASH 20SOIC

## 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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