

Image may be representation.
See specifications for product details.



ATTINY2313V-10MU

Manufacturer Part Number	ATTINY2313V-10MU
Manufacturer	Microchip Technology
Allelco Part Number	32D-ATTINY2313V-10MU
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 2KB FLASH 20QFN
Package	20-WFQFN Exposed Pad
Data sheet	ATTiny2313(V) Datasheet Complete.pdf ATTiny2313(V) Datasheet Summary.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ATTINY2313V-10MU - Microchip Technology.New Original in Stock. Download Linear Technology ATTINY2313V-10MU datasheet/specifications on AllelcoElec.com.
Request a quote for ATTINY2313V-10MU, please send us email: info@allelco.com

Specifications

ATTINY2313V-10MU Tech Specifications
ATTINY2313V-10MU - 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	18
Speed	10MHz	Mounting Type	Surface Mount
Series	AVR® ATtiny	EEPROM Size	128 x 8
RAM Size	128 x 8	Data Converters	-
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	2KB (1K x 16)	Core Processor	AVR
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	SPI, UART/USART
Package / Case	20-WFQFN Exposed Pad	Base Product Number	ATTINY2313
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATTINY2313V-10MU

Product Attribute				
Part Number	ATTINY2313V-10MU	ATTINY2313V-10PJ	ATTINY2313A-PU	ATTINY2313-20SU
Manufacturer	Microchip Technology	Microchip Technology	Atmel	Microchip Technology
Supplier Device Package	20-QFN-EP (4x4)	20-PDIP	20-PDIP	20-SOIC
Series	AVR® ATtiny	AVR® ATtiny	AVR® ATtiny	AVR® ATtiny
Core Processor	AVR	AVR	AVR	AVR
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	2.7V ~ 5.5V
Program Memory Size	2KB (1K x 16)	2KB (1K x 16)	2KB (1K x 16)	2KB (1K x 16)
Package	Tray	Tube	Bulk	Tube
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Oscillator Type	Internal	Internal	Internal	Internal
Connectivity	SPI, UART/USART	SPI, UART/USART	I ² C, SPI, UART/USART	SPI, UART/USART
Speed	10MHz	10MHz	20MHz	20MHz
EEPROM Size	128 x 8	128 x 8	128 x 8	128 x 8
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Base Product Number	ATTINY2313	ATTINY2313	ATTINY2313	ATTINY2313
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT
Package / Case	20-WFQFN Exposed Pad	20-DIP (0.300", 7.62mm)	20-DIP (0.300", 7.62mm)	20-SOIC (0.295", 7.50mm Width)
Data Converters	-	-	-	-
Mounting Type	Surface Mount	Through Hole	Through Hole	Surface Mount
Number of I/O	18	18	18	18
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
RAM Size	128 x 8	128 x 8	128 x 8	128 x 8

ATTINY2313V-10MU Datasheet PDF

Download ATTINY2313V-10MU pdf datasheets and Microchip Technology documentation for ATTINY2313V-10MU - Microchip Technology.

PCN Packaging

2.73KHz.pdf

PCN Design/Specification

Marking Chgs 11/Jul/2017.pdf

Copper Bonding Wire 20/Sep/2013.pdf

PCN Other

 2.73KHz.pdf

PCN Assembly/Origin

 2.73KHz.pdf

HTML Datasheet

 ATTiny2313(V) Datasheet Complete.pdf

 ATTiny2313(V) Datasheet Summary.pdf

Customers Also Interested in

Recommended Products



ATTINY2313V-10PJ

Microchip Technology
IC MCU 8BIT 2KB FLASH 20DIP



ATTINY2313A-PU

Atmel
IC MCU 8BIT 2KB FLASH 20DIP



ATTINY2313-20SU

Microchip Technology
IC MCU 8BIT 2KB FLASH 20SOIC



ATTINY2313A-PU

Microchip Technology
IC MCU 8BIT 2KB FLASH 20DIP



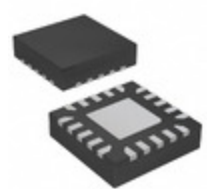
ATTINY2313V-10PU

Atmel
IC MCU 8BIT 2KB FLASH 20DIP



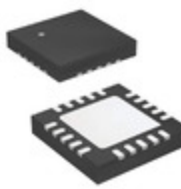
ATTINY2313V-10SU

Atmel
IC MCU 8BIT 2KB FLASH 20SOIC



ATTINY2313A-MMHR

Microchip Technology
IC MCU 8BIT 2KB FLASH 20VQFN



ATTINY2313A-MUR

Microchip Technology
IC MCU 8BIT 2KB FLASH 20QFN



ATTINY2313V-10SI

Atmel
IC MCU 8BIT 2KB FLASH 20SOIC



ATTINY2313A-SU

Microchip Technology
IC MCU 8BIT 2KB FLASH 20SOIC



ATTINY2313V-10SI

Microchip Technology
IC MCU 8BIT 2KB FLASH 20SOIC



ATTINY2313A-SU

Atmel
IC MCU 8BIT 2KB FLASH 20SOIC



ATTINY2313V-10SU

Microchip Technology
IC MCU 8BIT 2KB FLASH 20SOIC



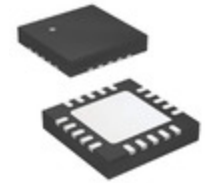
ATTINY2313A-SUR

Microchip Technology
IC MCU 8BIT 2KB FLASH 20SOIC



ATTINY2313V-10PU

Microchip Technology
IC MCU 8BIT 2KB FLASH 20DIP



ATTINY2313A-MU

Microchip Technology
IC MCU 8BIT 2KB FLASH 20QFN



ATTINY2313A-SUR

Atmel
IC MCU 8BIT 2KB FLASH 20SOIC



ATTINY2313V-10SUR

Microchip Technology
IC MCU 8BIT 2KB 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.

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info@allelco.com

Certifications & Memberships



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