



Image may be representation.
See specifications for product details.



ATTINY45V-10SU

Manufacturer Part Number **ATTINY45V-10SU**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-ATTINY45V-10SU**

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **IC MCU 8BIT 4KB FLASH 8SOIC**

Package **8-SOIC (0.209", 5.30mm Width)**

Data sheet [ATTINY25,45,85\(V\) Summary.pdf](#)

[ATTINY25/45/85\(V\) Datasheet.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

ATTINY45V-10SU - Microchip Technology. New Original in Stock. Download Linear Technology ATTINY45V-10SU datasheet/specifications on AllelcoElec.com.
Request a quote for ATTINY45V-10SU, please send us email: info@allelco.com

Specifications

ATTINY45V-10SU Tech Specifications

ATTINY45V-10SU - 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	8-SOIC	Number of I/O	6
Speed	10MHz	Mounting Type	Surface Mount
Series	AVR® ATTiny, Functional Safety (FuSa)	EEPROM Size	256 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, WDT	Connectivity	USI
Package / Case	8-SOIC (0.209", 5.30mm Width)	Base Product Number	ATTINY45
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATTINY45V-10SU

Product Attribute				
Part Number	ATTINY45V-10SU	ATTINY461-15MD	ATTINY45V-10SUR	ATTINY45-20SU
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Atmel
Core Processor	AVR	AVR	AVR	AVR
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	8-SOIC (0.209", 5.30mm Width)	32-VFQFN Exposed Pad	8-SOIC (0.209", 5.30mm Width)	8-SOIC (0.209", 5.30mm Width)
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8
Series	AVR® ATTiny, Functional Safety (FuSa)	Automotive, AEC-Q100, AVR® ATTiny	AVR® ATTiny, Functional Safety (FuSa)	AVR® ATTiny, Functional Safety (FuSa)
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	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Bulk
Program Memory Size	4KB (2K x 16)	4KB (2K x 16)	4KB (2K x 16)	4KB (2K x 16)
RAM Size	256 x 8	256 x 8	256 x 8	256 x 8
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 150°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Oscillator Type	Internal	Internal	Internal	Internal
Data Converters	A/D 4x10b	A/D 11x10b	A/D 4x10b	A/D 4x10b
Number of I/O	6	16	6	6
Connectivity	USI	USI	USI	USI
Speed	10MHz	16MHz	10MHz	20MHz
Supplier Device Package	8-SOIC	32-QFN (5x5)	8-SOIC	8-SOIC
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	2.7V ~ 5.5V	1.8V ~ 5.5V	2.7V ~ 5.5V
Base Product Number	ATTINY45	ATTINY461	ATTINY45	ATTINY45
Program Memory Type	FLASH	FLASH	FLASH	FLASH

ATTINY45V-10SU Datasheet PDF

Download ATTINY45V-10SU pdf datasheets and Microchip Technology documentation for ATTINY45V-10SU - Microchip Technology.

Datasheets

[ATTINY25,45,85\(V\) Summary.pdf](#)

[ATTINY25/45/85\(V\) Datasheet.pdf](#)

Customers Also Interested in

Recommended Products



ATTINY461-15MD

Microchip Technology
IC MCU 8BIT 4KB FLASH 32QFN



ATTINY45V-10SUR

Microchip Technology
IC MCU 8BIT 4KB FLASH 8SOIC



ATTINY45-20SU

Atmel
IC MCU 8BIT 4KB FLASH 8SOIC



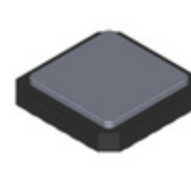
ATTINY45-20XUR

Microchip Technology
IC MCU 8BIT 4KB FLASH 8TSSOP



ATTINY45V-15ST

Microchip Technology
IC MCU 8BIT 4KB FLASH 8SOIC



ATTINY45V-10MUR

Atmel
IC MCU 8BIT 4KB FLASH 20QFN



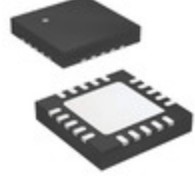
ATTINY45V-10PU

Microchip Technology
IC MCU 8BIT 4KB FLASH 8DIP



ATTINY461-15MZ

Microchip Technology
IC MCU 8BIT 4KB FLASH 32QFN



ATTINY461-15MAZ

Microchip Technology
IC MCU 8BIT 4KB FLASH 20QFN



ATTINY461-15SZ

Microchip Technology
IC MCU 8BIT 4KB FLASH 20SSOP



ATTINY45-20SUR

Microchip Technology
IC MCU 8BIT 4KB FLASH 8SOIC



ATTINY45-20XU

Microchip Technology
IC MCU 8BIT 4KB FLASH 8TSSOP



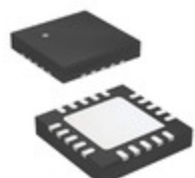
ATTINY45V-10XU

Microchip Technology
IC MCU 8BIT 4KB FLASH 8TSSOP



ATTINY461-20MU

Microchip Technology
IC MCU 8BIT 4KB FLASH 32VQFN



ATTINY45V-10MU

Microchip Technology
IC MCU 8BIT 4KB FLASH 20QFN



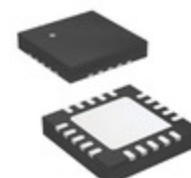
ATTINY461-15XZ

Microchip Technology
IC MCU 8BIT 4KB FLASH 20TSSOP



ATTINY45-20SUR

Atmel
IC MCU 8BIT 4KB FLASH 8SOIC



ATTINY45V-10MUR

Microchip Technology
IC MCU 8BIT 4KB FLASH 20QFN

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



View More



Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com

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