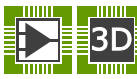





Image may be representation.
See specifications for product details.



ATTINY85V-10SU

Manufacturer Part Number	ATTINY85V-10SU
Manufacturer	Microchip Technology
Allelco Part Number	32D-ATTINY85V-10SU
ECAD Model	 PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 8KB 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](#)

ATTINY85V-10SU - Microchip Technology. New Original in Stock. Download Linear Technology ATTINY85V-10SU datasheet/specifications on AllelcoElec.com.
Request a quote for ATTINY85V-10SU, please send us email: info@allelco.com

Specifications





ATTINY85V-10SU Tech Specifications

ATTINY85V-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	512 x 8
RAM Size	512 x 8	Data Converters	A/D 4x10b
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, WDT	Connectivity	USI
Package / Case	8-SOIC (0.209", 5.30mm Width)	Base Product Number	ATTINY85
Package	Tube		

Parts with Similar Specifications


The three parts on the right have similar specifications to Microchip Technology ATTINY85V-10SU


Product Attribute				
Part Number	ATTINY85V-10SU	ATTINY85-15SZ	ATTINY85-20SU	ATTINY861-15MD
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Base Product Number	ATTINY85	ATTINY85	ATTINY85	ATTINY861
Core Processor	AVR	AVR	AVR	AVR
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
Series	AVR® ATtiny, Functional Safety (FuSa)	Automotive, AEC-Q100, AVR® ATtiny, Functional Safety (FuSa)	AVR® ATtiny, Functional Safety (FuSa)	Automotive, AEC-Q100, AVR® ATtiny
Connectivity	USI	USI	USI	USI
Number of I/O	6	6	6	16
Data Converters	A/D 4x10b	A/D 4x10b	A/D 4x10b	A/D 11x10b
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
RAM Size	512 x 8	512 x 8	512 x 8	512 x 8
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 150°C (TA)
EEPROM Size	512 x 8	512 x 8	512 x 8	512 x 8
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	32-QFN (5x5)
Oscillator Type	Internal	Internal	Internal	Internal
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package / Case	8-SOIC (0.209", 5.30mm Width)	8-SOIC (0.209", 5.30mm Width)	8-SOIC (0.209", 5.30mm Width)	32-VFQFN Exposed Pad
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Program Memory Size	8KB (4K x 16)	8KB (4K x 16)	8KB (4K x 16)	8KB (4K x 16)
Speed	10MHz	16MHz	20MHz	16MHz

ATTINY85V-10SU Datasheet PDF

Download ATTINY85V-10SU pdf datasheets and Microchip Technology documentation for ATTINY85V-10SU - Microchip Technology.


Datasheets

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

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

PCN Packaging

 [MBB/Label Chgs 16/Nov/2018.pdf](#)

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

PCN Design/Specification



Marking Chgs 11/Jul/2017.pdf



Copper Bonding Wire 17/Oct/2013.pdf

PCN Assembly/Origin



ATTINYXX 12/Feb/2019.pdf

Customers Also Interested in

Recommended Products



ATTINY85-15SZ

Microchip Technology
IC MCU 8BIT 8KB FLASH 8SOIC



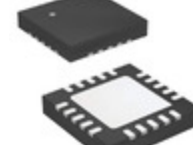
ATTINY85-20SU

Microchip Technology
IC MCU 8BIT 8KB FLASH 8SOIC



ATTINY861-15MD

Microchip Technology
IC MCU 8BIT 8KB FLASH 32QFN



ATTINY85-20MU

Microchip Technology
IC MCU 8BIT 8KB FLASH 20QFN



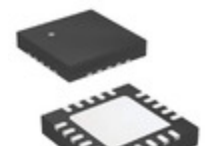
ATTINY861-20SU

Microchip Technology
IC MCU 8BIT 8KB FLASH 20SOIC



ATTINY85-15ST1

Microchip Technology
IC MCU 8BIT 8KB FLASH 8SOIC



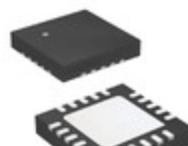
ATTINY85V-10MU

Microchip Technology
IC MCU 8BIT 8KB FLASH 20QFN



ATTINY85-20SUR

Microchip Technology
IC MCU 8BIT 8KB FLASH 8SOIC



ATTINY861-15MAZ

Microchip Technology
IC MCU 8BIT 8KB FLASH 20QFN



ATTINY85-20SUR

Atmel
IC MCU 8BIT 8KB FLASH 8SOIC



ATTINY861-15XZ

Microchip Technology
IC MCU 8BIT 8KB FLASH 20SSOP



ATTINY84V-10MU

Atmel
IC MCU 8BIT 8KB FLASH 20QFN



ATTINY85-20PU

Microchip Technology
IC MCU 8BIT 8KB FLASH 8DIP



ATTINY861-20MU

Microchip Technology
IC MCU 8BIT 8KB FLASH 32VQFN



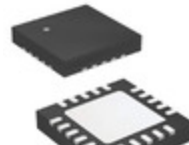
ATTINY861-20SUR

Microchip Technology
IC MCU 8BIT 8KB FLASH 20SOIC



ATTINY861-15MZ

Microchip Technology
IC MCU 8BIT 8KB FLASH 32QFN



ATTINY84V-10MU

Microchip Technology
IC MCU 8BIT 8KB FLASH 20QFN



ATTINY85V-10SUR

Microchip Technology
IC MCU 8BIT 8KB FLASH 8SOIC

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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