



Image may be representation.
See specifications for product details.



ATTINY167-SU

Manufacturer Part Number	ATTINY167-SU
Manufacturer	Microchip Technology
Allelco Part Number	32D-ATTINY167-SU
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 16KB FLASH 20SOIC
Package	20-SOIC (0.295", 7.50mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ATTINY167-SU - Microchip Technology. New Original in Stock. Download Linear Technology ATTINY167-SU datasheet/specifications on AllelcoElec.com. Request a quote for ATTINY167-SU, please send us email: info@allelco.com

Specifications

ATTINY167-SU Tech Specifications
ATTINY167-SU - 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-SOIC	Number of I/O	16
Speed	16MHz	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	16KB (8K x 16)	Core Processor	AVR
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Connectivity	I²C, LINbus, SPI, UART/USART, USI
Package / Case	20-SOIC (0.295", 7.50mm Width)	Base Product Number	ATTINY167
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATTINY167-SU

Product Attribute				
Part Number	ATTINY167-SU	ATTINY20-SSUR	ATTINY167-A15MZ	ATTINY167-SUR
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Connectivity	I²C, LINbus, SPI, UART/USART, USI	I²C, SPI	I²C, LINbus, SPI, UART/USART, USI	I²C, LINbus, SPI, UART/USART, USI
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Speed	16MHz	12MHz	16MHz	16MHz
Core Processor	AVR	AVR	AVR	AVR
Supplier Device Package	20-SOIC	14-SOIC	32-QFN (5x5)	20-SOIC
Base Product Number	ATTINY167	ATTINY20	ATTINY167	ATTINY167
Number of I/O	16	12	16	16
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	1.8V ~ 5.5V	2.7V ~ 5.5V	1.8V ~ 5.5V
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
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, Temp Sensor, WDT
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Data Converters	A/D 11x10b	A/D 8x10b	A/D 11x10b	A/D 11x10b
Package / Case	20-SOIC (0.295", 7.50mm Width)	14-SOIC (0.154", 3.90mm Width)	32-VFQFN Exposed Pad	20-SOIC (0.295", 7.50mm Width)
Oscillator Type	Internal	Internal	Internal	Internal
EEPROM Size	512 x 8	-	512 x 8	512 x 8
Series	AVR® ATtiny	AVR® ATtiny	Automotive, AEC-Q100, AVR® ATtiny	AVR® ATtiny
Program Memory Size	16KB (8K x 16)	2KB (1K x 16)	16KB (8K x 16)	16KB (8K x 16)
RAM Size	512 x 8	128 x 8	512 x 8	512 x 8
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

ATTINY167-SU Datasheet PDF

Download ATTINY167-SU pdf datasheets and Microchip Technology documentation for ATTINY167-SU - Microchip Technology.

Datasheets


[Cylindrical Battery Holders.pdf](#)


PCN Packaging

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


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

PCN Design/Specification

 Marking Chgs 11/Jul/2017.pdf

 ATtiny87/167 29/Jan/2020.pdf

PCN Assembly/Origin

 2.73KHz.pdf

Customers Also Interested in

Recommended Products



ATTINY20-SSUR

Microchip Technology
IC MCU 8BIT 2KB FLASH 14SOIC



ATTINY167-A15MZ

Microchip Technology
IC MCU 8BIT 16KB FLASH 32VQFN



ATTINY167-SUR

Microchip Technology
IC MCU 8BIT 16KB FLASH 20SOIC



ATTINY20-SSU

Atmel
IC MCU 8BIT 2KB FLASH 14SOIC



ATTINY1634R-SU

Microchip Technology
IC MCU 8BIT 16KB FLASH 20SOIC



ATTINY1634-Z

Atmel (Microchip Technology)



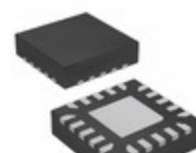
ATTINY167-AXZ

Atmel (Microchip Technology)



ATTINY167-MU

Microchip Technology
IC MCU 8BIT 16KB FLASH 32VQFN



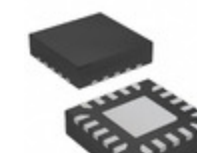
ATTINY20-MMHR

Microchip Technology
IC MCU 8BIT 2KB FLASH 20VQFN



ATTINY167-XU

Microchip Technology
IC MCU 8BIT 16KB FLASH 20TSSOP



ATTINY20-MMH

Microchip Technology
IC MCU 8BIT 2KB FLASH 20VQFN



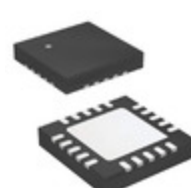
ATTINY167-AXD

Atmel (Microchip Technology)



ATTINY20-CCUR

Microchip Technology
IC MCU 8BIT 2KB FLASH 15UFBGA



ATTINY1634R-MU

Microchip Technology
IC MCU 8BIT 16KB FLASH 20VQFN



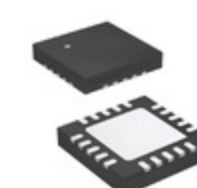
ATTINY167-MMUR

Microchip Technology
IC MCU 8BIT 16KB FLASH 20WQFN



ATTINY1634R-SUR

Microchip Technology
IC MCU 8BIT 16KB FLASH 20SOIC



ATTINY1634R-MUR

Microchip Technology
IC MCU 8BIT 16KB FLASH 20VQFN



ATTINY20-SSU

Microchip Technology
IC MCU 8BIT 2KB FLASH 14SOIC

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

