

Image may be representation.
See specifications for product details.



ATTINY167-A15MZ

Manufacturer Part Number	ATTINY167-A15MZ
Manufacturer	Microchip Technology
Allelco Part Number	32D-ATTINY167-A15MZ
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 16KB FLASH 32QFN
Package	32-VFQFN Exposed Pad
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ATTINY167-A15MZ - Microchip Technology.New Original in Stock. Download Linear Technology ATTINY167-A15MZ datasheet/specifications on AllelcoElec.com. Request a quote for ATTINY167-A15MZ, please send us email: info@allelco.com

Specifications

ATTINY167-A15MZ Tech Specifications
ATTINY167-A15MZ - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package	32-QFN (5x5)	Number of I/O	16
Speed	16MHz	Mounting Type	Surface Mount
Series	Automotive, AEC-Q100, 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	32-VFQFN Exposed Pad	Base Product Number	ATTINY167
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATTINY167-A15MZ

Product Attribute				
Part Number	ATTINY167-A15MZ	ATTINY1634R-SU	ATTINY1634-SUR	ATTINY1634-SU
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Oscillator Type	Internal	Internal	Internal	Internal
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Number of I/O	16	18	18	18
Series	Automotive, AEC-Q100, AVR® ATtiny	AVR® ATtiny	AVR® ATtiny	AVR® ATtiny
Speed	16MHz	12MHz	12MHz	12MHz
Base Product Number	ATTINY167	ATTINY1634	ATTINY1634	ATTINY1634
Connectivity	I²C, LINbus, SPI, UART/USART, USI	I²C, SPI, UART/USART, USI	I²C, SPI, UART/USART, USI	I²C, SPI, UART/USART, USI
Package / Case	32-VFQFN Exposed Pad	20-SOIC (0.295", 7.50mm Width)	20-SOIC (0.295", 7.50mm Width)	20-SOIC (0.295", 7.50mm Width)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
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
RAM Size	512 x 8	1K x 8	1K x 8	1K x 8
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube
EEPROM Size	512 x 8	256 x 8	256 x 8	256 x 8
Data Converters	A/D 11x10b	A/D 12x10b	A/D 12x10b	A/D 12x10b
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Program Memory Size	16KB (8K x 16)	16KB (16K x 8)	16KB (16K x 8)	16KB (16K x 8)
Supplier Device Package	32-QFN (5x5)	20-SOIC	20-SOIC	20-SOIC
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Core Processor	AVR	AVR	AVR	AVR

ATTINY167-A15MZ Datasheet PDF

Download ATTINY167-A15MZ pdf datasheets and Microchip Technology documentation for ATTINY167-A15MZ - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

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

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

PCN Design/Specification

 Cylindrical Battery Holders.pdf

PCN Assembly/Origin

 2.73KHz.pdf

Customers Also Interested in

Recommended Products



ATTINY1634R-SU

Microchip Technology
IC MCU 8BIT 16KB FLASH 20SOIC



ATTINY1634-SUR

Microchip Technology
IC MCU 8BIT 16KB FLASH 20SOIC



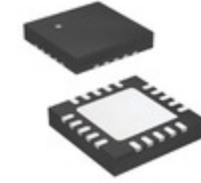
ATTINY1634-Z

Atmel (Microchip Technology)



ATTINY1634-SU

Microchip Technology
IC MCU 8BIT 16KB FLASH 20SOIC



ATTINY1634-MUR

Microchip Technology
IC MCU 8BIT 16KB FLASH 20QFN



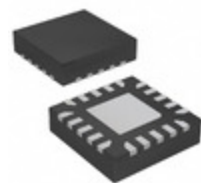
ATTINY167-XU

Microchip Technology
IC MCU 8BIT 16KB FLASH 20TSSOP



ATTINY1634-MU

Atmel
IC MCU 8BIT 16KB FLASH 20QFN



ATTINY20-MMHR

Microchip Technology
IC MCU 8BIT 2KB FLASH 20VQFN



ATTINY167-MMUR

Microchip Technology
IC MCU 8BIT 16KB FLASH 20WQFN



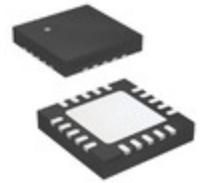
ATTINY1634R-SUR

Microchip Technology
IC MCU 8BIT 16KB FLASH 20SOIC



ATTINY1634-MU

Microchip Technology
IC MCU 8BIT 16KB FLASH 20QFN



ATTINY1634R-MU

Microchip Technology
IC MCU 8BIT 16KB FLASH 20QFN



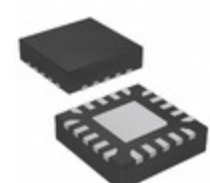
ATTINY20-CCUR

Microchip Technology
IC MCU 8BIT 2KB FLASH 15UFBGA



ATTINY167-SU

Microchip Technology
IC MCU 8BIT 16KB FLASH 20SOIC



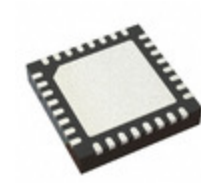
ATTINY20-MMH

Microchip Technology
IC MCU 8BIT 2KB FLASH 20VQFN



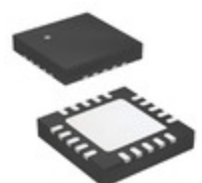
ATTINY167-SUR

Microchip Technology
IC MCU 8BIT 16KB FLASH 20SOIC



ATTINY167-MU

Microchip Technology
IC MCU 8BIT 16KB FLASH 32VQFN



ATTINY1634R-MUR

Microchip Technology
IC MCU 8BIT 16KB 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



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