

Image may be representation.
See specifications for product details.



ATTINY44A-SSNR

Manufacturer Part Number	ATTINY44A-SSNR
Manufacturer	Microchip Technology
Allelco Part Number	32D-ATTINY44A-SSNR
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 4KB FLASH 14SOIC
Package	14-SOIC (0.154", 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ATTINY44A-SSNR - Microchip Technology. New Original in Stock. Download Linear Technology ATTINY44A-SSNR datasheet/specifications on AllelcoElec.com.
Request a quote for ATTINY44A-SSNR, please send us email: info@allelco.com

Specifications

ATTINY44A-SSNR Tech Specifications
ATTINY44A-SSNR - 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 ~ 105°C (TA)
Supplier Device Package	14-SOIC	Number of I/O	12
Speed	20MHz	Mounting Type	Surface Mount
Series	AVR® ATtiny	EEPROM Size	256 x 8
RAM Size	256 x 8	Data Converters	A/D 8x10b
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, Temp Sensor, WDT	Connectivity	USI
Package / Case	14-SOIC (0.154", 3.90mm Width)	Base Product Number	ATTINY44
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATTINY44A-SSNR

Product Attribute				
Part Number	ATTINY44A-SSNR	ATTINY44V-10MU	ATTINY44A-MU	ATTINY44V-10MU
Manufacturer	Microchip Technology	Atmel	Microchip Technology	Microchip Technology
Oscillator Type	Internal	Internal	Internal	Internal
Speed	20MHz	10MHz	20MHz	10MHz
Supplier Device Package	14-SOIC	20-QFN-EP (4x4)	20-QFN-EP (4x4)	20-QFN-EP (4x4)
Core Processor	AVR	AVR	AVR	AVR
Base Product Number	ATTINY44	ATTINY44	ATTINY44	ATTINY44
Connectivity	USI	USI	USI	USI
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8
Program Memory Size	4KB (2K x 16)	4KB (2K x 16)	4KB (2K x 16)	4KB (2K x 16)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Number of I/O	12	12	12	12
Series	AVR® ATtiny	AVR® ATtiny	AVR® ATtiny	AVR® ATtiny
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Package	Tape & Reel (TR)	Bulk	Tray	Tray
Data Converters	A/D 8x10b	A/D 8x10b	A/D 8x10b	A/D 8x10b
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, WDT
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package / Case	14-SOIC (0.154", 3.90mm Width)	20-WFQFN Exposed Pad	20-WFQFN Exposed Pad	20-WFQFN Exposed Pad
RAM Size	256 x 8	256 x 8	256 x 8	256 x 8

ATTINY44A-SSNR Datasheet PDF

Download ATTINY44A-SSNR pdf datasheets and Microchip Technology documentation for ATTINY44A-SSNR - 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



ATTiny24A/44A/84A 02/Dec/2020.pdf

PCN Assembly/Origin



2.73KHz.pdf

Other Related Documents



ATTiny24A,44A Appendix A.pdf



ATTiny24A,44A,84A Appendix B.pdf

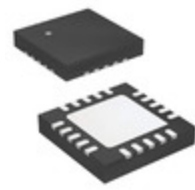
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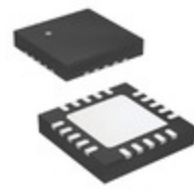
ATTINY44V-10MU

Atmel
IC MCU 8BIT 4KB FLASH 20QFN



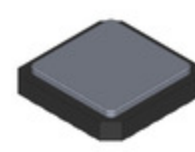
ATTINY44A-MU

Microchip Technology
IC MCU 8BIT 4KB FLASH 20QFN



ATTINY44V-10MU

Microchip Technology
IC MCU 8BIT 4KB FLASH 20QFN



ATTINY44A-MU

Atmel
IC MCU 8BIT 4KB FLASH 20QFN



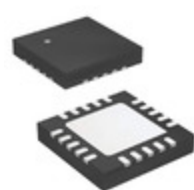
ATTINY44A-PU

Atmel
IC MCU 8BIT 4KB FLASH 14DIP



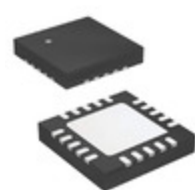
ATTINY44A-SSU

Microchip Technology
IC MCU 8BIT 4KB FLASH 14SOIC



ATTINY44A-MMH

Microchip Technology
IC MCU 8BIT 4KB FLASH 20VQFN



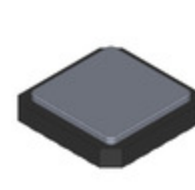
ATTINY45-15MZ

Microchip Technology
IC MCU 8BIT 4KB FLASH 20WQFN



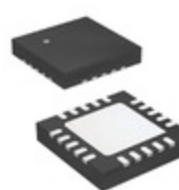
ATTINY44A-SSF

Microchip Technology
IC MCU 8BIT 4KB FLASH 14SOIC



ATTINY44A-MMH

Atmel
IC MCU 8BIT 4KB FLASH 20VQFN



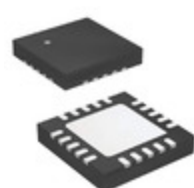
ATTINY44A-MUR

Microchip Technology
IC MCU 8BIT 4KB FLASH 20QFN



ATTINY44V-10SSU

Microchip Technology
IC MCU 8BIT 4KB FLASH 14SOIC



ATTINY45-15MT2

Microchip Technology
IC MCU 8BIT 4KB FLASH 20WQFN



ATTINY44A-PU

Microchip Technology
IC MCU 8BIT 4KB FLASH 14DIP



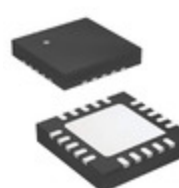
ATTINY44V-10SSUR

Microchip Technology
IC MCU 8BIT 4KB FLASH 14SOIC



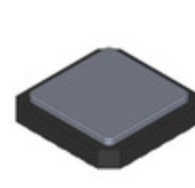
ATTINY44A-SSFR

Microchip Technology
IC MCU 8BIT 4KB FLASH 14SOIC



ATTINY45-15MT

Microchip Technology
IC MCU 8BIT 4KB FLASH 20WQFN



ATTINY44A-MUR

Atmel
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



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