

Image may be representation.
See specifications for product details.



ATTINY44A-SSU

Manufacturer Part Number	ATTINY44A-SSU
Manufacturer	Microchip Technology
Allelco Part Number	32D-ATTINY44A-SSU
ECAD Model	3D Model
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-SSU - Microchip Technology.New Original in Stock. Download Linear Technology ATTINY44A-SSU datasheet/specifications on AllelcoElec.com.
Request a quote for ATTINY44A-SSU, please send us email: info@allelco.com

Specifications

ATTINY44A-SSU Tech Specifications
ATTINY44A-SSU - 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	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	Tube		

Parts with Similar Specifications

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

Product Attribute				
Part Number	ATTINY44A-SSU	ATTINY45-15MT2	ATTINY44A-MU	ATTINY45-15ST
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8
Package / Case	14-SOIC (0.154", 3.90mm Width)	20-WFQFN Exposed Pad	20-WFQFN Exposed Pad	8-SOIC (0.209", 5.30mm Width)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Data Converters	A/D 8x10b	A/D 4x10b	A/D 8x10b	A/D 4x10b
Package	Tube	Tape & Reel (TR)	Tray	Tape & Reel (TR)
Program Memory Size	4KB (2K x 16)	4KB (2K x 16)	4KB (2K x 16)	4KB (2K x 16)
Connectivity	USI	USI	USI	USI
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 150°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	AVR® ATtiny	Automotive, AEC-Q100, AVR® ATtiny, Functional Safety (FuSa)	AVR® ATtiny	Automotive, AEC-Q100, AVR® ATtiny, Functional Safety (FuSa)
Speed	20MHz	16MHz	20MHz	16MHz
Core Processor	AVR	AVR	AVR	AVR
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	2.7V ~ 5.5V	1.8V ~ 5.5V	2.7V ~ 5.5V
Supplier Device Package	14-SOIC	20-WQFN (4x4)	20-QFN-EP (4x4)	8-SOIC
Oscillator Type	Internal	Internal	Internal	Internal
RAM Size	256 x 8	256 x 8	256 x 8	256 x 8
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
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Base Product Number	ATTINY44	ATTINY45	ATTINY44	ATTINY45
Number of I/O	12	6	12	6

ATTINY44A-SSU Datasheet PDF

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

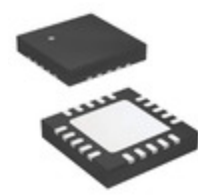
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PCN Assembly/Origin

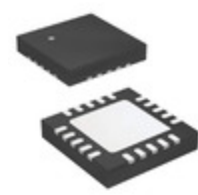
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Customers Also Interested in

Recommended Products



ATTINY45-15MT2
Microchip Technology
IC MCU 8BIT 4KB FLASH 20WQFN



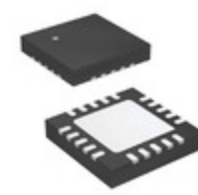
ATTINY44A-MU
Microchip Technology
IC MCU 8BIT 4KB FLASH 20QFN



ATTINY45-15ST
Microchip Technology
IC MCU 8BIT 4KB FLASH 8SOIC



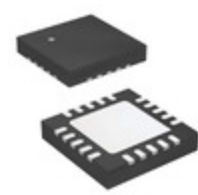
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Atmel
IC MCU 8BIT 4KB FLASH 14DIP



ATTINY44V-10MU
Microchip Technology
IC MCU 8BIT 4KB FLASH 20QFN



ATTINY44A-SSNR
Microchip Technology
IC MCU 8BIT 4KB FLASH 14SOIC



ATTINY44A-MUR
Microchip Technology
IC MCU 8BIT 4KB FLASH 20QFN



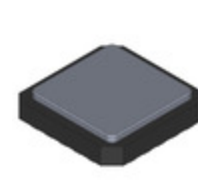
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Microchip Technology
IC MCU 8BIT 4KB FLASH 14SOIC



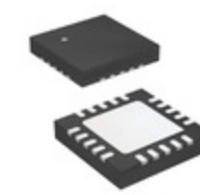
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Atmel
IC MCU 8BIT 4KB FLASH 20QFN



ATTINY44A-MMH
Microchip Technology
IC MCU 8BIT 4KB FLASH 20VQFN



ATTINY44A-MU
Atmel
IC MCU 8BIT 4KB FLASH 20QFN



ATTINY45-15MT
Microchip Technology
IC MCU 8BIT 4KB FLASH 20WQFN



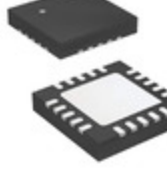
ATTINY44A-SSF
Microchip Technology
IC MCU 8BIT 4KB FLASH 14SOIC



ATTINY44A-SSFR
Microchip Technology
IC MCU 8BIT 4KB FLASH 14SOIC



ATTINY44A-MUR
Atmel
IC MCU 8BIT 4KB FLASH 20QFN



ATTINY45-15MZ
Microchip Technology
IC MCU 8BIT 4KB FLASH 20WQFN



ATTINY44V-10SSU
Microchip Technology
IC MCU 8BIT 4KB FLASH 14SOIC



ATTINY44A-PU
Microchip Technology
IC MCU 8BIT 4KB FLASH 14DIP

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

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Email

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Certifications & Memberships



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