

Image may be representation.
See specifications for product details.



ATTINY24A-MMH

Manufacturer Part Number	ATTINY24A-MMH
Manufacturer	Microchip Technology
Allelco Part Number	32D-ATTINY24A-MMH
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 2KB FLASH 20VQFN
Package	20-VFQFN Exposed Pad
Data sheet	ATTINY24A,44A,84A Complete.pdf ATTiny24A,44A,84A Summary.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ATTINY24A-MMH - Microchip Technology. New Original in Stock. Download Linear Technology ATTINY24A-MMH datasheet/specifications on AllelcoElec.com.
Request a quote for ATTINY24A-MMH, please send us email: info@allelco.com

Specifications

ATTINY24A-MMH Tech Specifications

ATTINY24A-MMH - 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-VQFN (3x3)	Number of I/O	12
Speed	20MHz	Mounting Type	Surface Mount
Series	AVR® ATtiny	EEPROM Size	128 x 8
RAM Size	128 x 8	Data Converters	A/D 8x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	2KB (1K x 16)	Core Processor	AVR
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Connectivity	USI
Package / Case	20-VFQFN Exposed Pad	Base Product Number	ATTINY24
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATTINY24A-MMH

Product Attribute				
Part Number	ATTINY24A-MMH	ATTINY24-20SSU	ATTINY24A-CCU	ATTINY24A-MM8
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Data Converters	A/D 8x10b	A/D 8x10b	A/D 8x10b	A/D 8x10b
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	2.7V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Series	AVR® ATtiny	AVR® ATtiny	AVR® ATtiny	AVR® ATtiny
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT
RAM Size	128 x 8	128 x 8	128 x 8	128 x 8
Package	Tray	Tube	Tray	Tray
Core Processor	AVR	AVR	AVR	AVR
Base Product Number	ATTINY24	ATTINY24	ATTINY24	ATTINY24
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Speed	20MHz	20MHz	20MHz	20MHz
Program Memory Size	2KB (1K x 16)	2KB (1K x 16)	2KB (1K x 16)	2KB (1K x 16)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	12	12	12	12
Supplier Device Package	20-VQFN (3x3)	14-SOIC	15-UFBGA (3x3)	20-VQFN (3x3)
Connectivity	USI	USI	USI	USI
Oscillator Type	Internal	Internal	Internal	Internal
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package / Case	20-VFQFN Exposed Pad	14-SOIC (0.154", 3.90mm Width)	15-UFBGA	20-VFQFN Exposed Pad
EEPROM Size	128 x 8	128 x 8	128 x 8	128 x 8

ATTINY24A-MMH Datasheet PDF

Download ATTINY24A-MMH pdf datasheets and Microchip Technology documentation for ATTINY24A-MMH - Microchip Technology.


Datasheets

[ATTINY24A,44A,84A Complete.pdf](#)

[ATTiny24A,44A,84A Summary.pdf](#)


PCN Packaging

 MBB/Label Chgs 16/Nov/2018.pdf

 Transfer to Microchip/Label/Pkg 5/Sep/2016.pdf

PCN Design/Specification

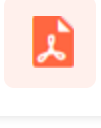
 Marking Chgs 11/Jul/2017.pdf

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

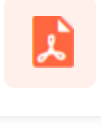
PCN Other

 MSL Update 26/Feb/2014.pdf

PCN Assembly/Origin

 Cancellation 28/Jan/2022.pdf

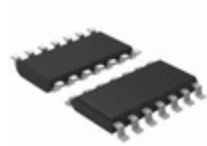
Other Related Documents

 ATTiny24A,44A Appendix A.pdf

 ATTiny24A,44A,84A Appendix B.pdf

Customers Also Interested in

Recommended Products



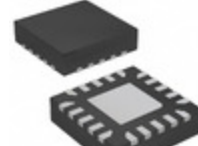
ATTINY24-20SSU

Microchip Technology
IC MCU 8BIT 2KB FLASH 14SOIC



ATTINY24A-CCU

Microchip Technology
IC MCU 8BIT 2KB FLASH 15UFBGA



ATTINY24A-MM8

Microchip Technology
IC MCU 8BIT 2KB FLASH 20VQFN



ATTINY24A-SSU

Microchip Technology
IC MCU 8BIT 2KB FLASH 14SOIC



ATTINY24A-SSNR

Microchip Technology
IC MCU 8BIT 2KB FLASH 14SOIC



ATTINY24-20PU

Atmel
IC MCU 8BIT 2KB FLASH 14DIP



ATTINY24A-CCU

Atmel
IC MCU 8BIT 2KB FLASH 15UFBGA



ATTINY24A-MUR

Atmel
IC MCU 8BIT 2KB FLASH 20VQFN



ATTINY24-20MU

Microchip Technology
IC MCU 8BIT 2KB FLASH 20VQFN



ATTINY24A-SSFR

Microchip Technology
IC MCU 8BIT 2KB FLASH 14SOIC



ATTINY24A-MMHR

Microchip Technology
IC MCU 8BIT 2KB FLASH 20VQFN



ATTINY24A-SSN

Microchip Technology
IC MCU 8BIT 2KB FLASH 14SOIC



ATTINY24-20MUR

Atmel
IC MCU 8BIT 2KB FLASH 20VQFN



ATTINY24A-MMHR

Atmel
IC MCU 8BIT 2KB FLASH 20VQFN



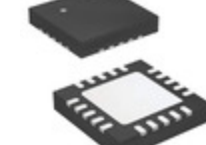
ATTINY24A-SSU

Atmel
IC MCU 8BIT 2KB FLASH 14SOIC



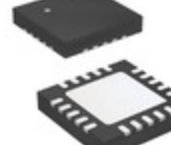
ATTINY24-20PU

Microchip Technology
IC MCU 8BIT 2KB FLASH 14DIP



ATTINY24-20MUR

Microchip Technology
IC MCU 8BIT 2KB FLASH 20VQFN



ATTINY24A-MU

Microchip Technology
IC MCU 8BIT 2KB FLASH 20VQFN

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

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