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See specifications for product details.



ATMEGA324PA-MUR

Manufacturer Part Number	ATMEGA324PA-MUR
Manufacturer	Microchip Technology
Allelco Part Number	32D-ATMEGA324PA-MUR
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 32KB FLASH 44VQFN
Package	44-VFQFN Exposed Pad
Data sheet	ATMEGA324PA-MUR.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ATMEGA324PA-MUR - Microchip Technology. New Original in Stock. Download Linear Technology ATMEGA324PA-MUR datasheet/specifications on AllelcoElec.com. Request a quote for ATMEGA324PA-MUR, please send us email: info@allelco.com

Specifications

ATMEGA324PA-MUR Tech Specifications
ATMEGA324PA-MUR - 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	44-VQFN (7x7)	Number of I/O	32
Speed	20MHz	Mounting Type	Surface Mount
Series	AVR® ATmega	EEPROM Size	1K x 8
RAM Size	2K x 8	Data Converters	A/D 8x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	32KB (16K x 16)	Core Processor	AVR
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I ² C, SPI, UART/USART
Package / Case	44-VFQFN Exposed Pad	Base Product Number	ATMEGA324
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATMEGA324PA-MUR

Product Attribute				
Part Number	ATMEGA324PA-MUR	ATMEGA324P-B15AZ	ATMEGA324PV-10MU	ATMEGA324PA-AUR
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT
Program Memory Size	32KB (16K x 16)	32KB (16K x 16)	32KB (16K x 16)	32KB (16K x 16)
Speed	20MHz	16MHz	10MHz	20MHz
Package / Case	44-VFQFN Exposed Pad	44-TQFP	44-VFQFN Exposed Pad	44-TQFP
Oscillator Type	Internal	Internal	Internal	Internal
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	2.7V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Connectivity	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART
Base Product Number	ATMEGA324	ATMEGA324	ATMEGA324	ATMEGA324
Number of I/O	32	32	32	32
RAM Size	2K x 8	2K x 8	2K x 8	2K x 8
Program Memory Type	FLASH	FLASH	FLASH	FLASH
EEPROM Size	1K x 8	1K x 8	1K x 8	1K x 8
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tray	Tape & Reel (TR)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Series	AVR® ATmega	Automotive, AEC-Q100, AVR® ATmega	AVR® ATmega	AVR® ATmega
Supplier Device Package	44-VQFN (7x7)	44-TQFP (10x10)	44-VQFN (7x7)	44-TQFP (10x10)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Data Converters	A/D 8x10b	A/D 8x10b	A/D 8x10b	A/D 8x10b
Core Processor	AVR	AVR	AVR	AVR

ATMEGA324PA-MUR Datasheet PDF

Download ATMEGA324PA-MUR pdf datasheets and Microchip Technology documentation for ATMEGA324PA-MUR - Microchip Technology.

PCN Packaging

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

Tape and Reel Label Update 10/Feb/2015.pdf

PCN Other

2.73KHz.pdf

PCN Design/Specification



ATmega324P/V 05/Apr/2018.pdf



ATmega164A/PA/324A/PA/644A/PA/1284/P 20/Jan/2020.pdf

PCN Assembly/Origin



2.73KHz.pdf

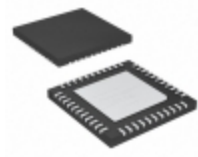
Customers Also Interested in

Recommended Products



ATMEGA324P-B15AZ

Microchip Technology
IC MCU 8BIT 32KB FLASH 44TQFP



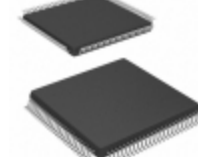
ATMEGA324PV-10MU

Microchip Technology
IC MCU 8BIT 32KB FLASH 44VQFN



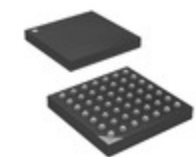
ATMEGA324PA-AUR

Microchip Technology
IC MCU 8BIT 32KB FLASH 44TQFP



ATMEGA3250-16AU

Microchip Technology
IC MCU 8BIT 32KB FLASH 100TQFP



ATMEGA324PA-CU

Microchip Technology
IC MCU 8BIT 32KB FLASH 49VFBGA



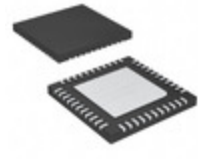
ATMEGA324PA-AU

Microchip Technology
IC MCU 8BIT 32KB FLASH 44TQFP



ATMEGA325-16AU

Microchip Technology
IC MCU 8BIT 32KB FLASH 64TQFP



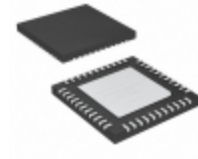
ATMEGA324PA-MCH

Microchip Technology
IC MCU 8BIT 32KB FLASH 44VQFN



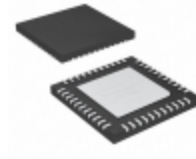
ATMEGA324PV-10MU

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IC MCU 8BIT 32KB FLASH 44VQFN



ATMEGA324PB-MU

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IC MCU 8BIT 32KB FLASH 44VQFN



ATMEGA324P-A15MZ

Microchip Technology
IC MCU 8BIT 32KB FLASH 44VQFN



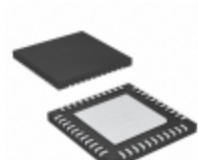
ATMEGA324PV-10AUR

Microchip Technology
IC MCU 8BIT 32KB FLASH 44TQFP



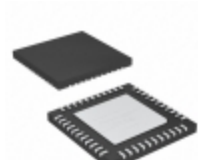
ATMEGA324PB-AU

Microchip Technology
IC MCU 8BIT 32KB FLASH 44TQFP



ATMEGA324P-B15MZ

Microchip Technology
IC MCU 8BIT 32KB FLASH 44VQFN



ATMEGA324PA-MU

Microchip Technology
IC MCU 8BIT 32KB FLASH 44VQFN



ATMEGA324PB-AN

Microchip Technology
IC MCU 8BIT 32KB FLASH 44TQFP



ATMEGA324PV-10AU

Microchip Technology
IC MCU 8BIT 32KB FLASH 44TQFP



ATMEGA324PA-MU

Atmel
IC MCU 8BIT 32KB FLASH 44VQFN

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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