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See specifications for product details.



ATMEGA329V-8MU

Manufacturer Part Number **ATMEGA329V-8MU**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-ATMEGA329V-8MU**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC MCU 8BIT 32KB FLASH 64QFN**

Package **64-VFQFN Exposed Pad**

Data sheet **[ATmega329, 649, 3290, 6490\(V\) Datasheet.pdf](#)**

[ATmega329, 649, 3290, 6490\(V\) Summary.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

ATMEGA329V-8MU - Microchip Technology.New Original in Stock. Download Linear Technology ATMEGA329V-8MU datasheet/specifications on AllelcoElec.com.
Request a quote for ATMEGA329V-8MU, please send us email: info@allelco.com

Specifications

ATMEGA329V-8MU Tech Specifications

ATMEGA329V-8MU - 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	64-QFN (9x9)	Number of I/O	54
Speed	8MHz	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, LCD, POR, PWM, WDT	Connectivity	SPI, UART/USART, USI
Package / Case	64-VFQFN Exposed Pad	Base Product Number	ATMEGA329
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATMEGA329V-8MU

Product Attribute				
Part Number	ATMEGA329V-8MU	ATMEGA32A-AUR	ATMEGA32A-AU	ATMEGA329V-8AUR
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Speed	8MHz	16MHz	16MHz	8MHz
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	1.8V ~ 5.5V
Number of I/O	54	32	32	54
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Peripherals	Brown-out Detect/Reset, LCD, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, LCD, POR, PWM, WDT
Oscillator Type	Internal	Internal	Internal	Internal
EEPROM Size	1K x 8	1K x 8	1K x 8	1K x 8
Program Memory Type	FLASH	FLASH	FLASH	FLASH
RAM Size	2K x 8	2K x 8	2K x 8	2K x 8
Core Processor	AVR	AVR	AVR	AVR
Series	AVR® ATmega	AVR® ATmega	AVR® ATmega	AVR® ATmega
Base Product Number	ATMEGA329	ATMEGA32	ATMEGA32	ATMEGA329
Data Converters	A/D 8x10b	A/D 8x10b	A/D 8x10b	A/D 8x10b
Supplier Device Package	64-QFN (9x9)	44-TQFP (10x10)	44-TQFP (10x10)	64-TQFP (14x14)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Connectivity	SPI, UART/USART, USI	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART	SPI, UART/USART, USI
Package	Tray	Tape & Reel (TR)	Tray	Tape & Reel (TR)
Package / Case	64-VFQFN Exposed Pad	44-TQFP	44-TQFP	64-TQFP
Program Memory Size	32KB (16K x 16)	32KB (16K x 16)	32KB (16K x 16)	32KB (16K x 16)

ATMEGA329V-8MU Datasheet PDF

Download ATMEGA329V-8MU pdf datasheets and Microchip Technology documentation for ATMEGA329V-8MU - Microchip Technology.

Datasheets

[ATmega329, 649, 3290, 6490\(V\) Datasheet.pdf](#)

[ATmega329, 649, 3290, 6490\(V\) Summary.pdf](#)

PCN Packaging

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

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

PCN Design/Specification



Marking Chgs 11/Jul/2017.pdf

PCN Other



MSL Update 26/Feb/2014.pdf

Customers Also Interested in

Recommended Products



ATMEGA32A-AUR

Microchip Technology
IC MCU 8BIT 32KB FLASH 44TQFP



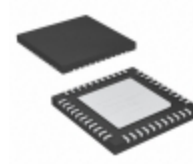
ATMEGA32A-AU

Microchip Technology
IC MCU 8BIT 32KB FLASH 44TQFP



ATMEGA329V-8AUR

Microchip Technology
IC MCU 8BIT 32KB FLASH 64TQFP



ATMEGA32A-MU

Microchip Technology
IC MCU 8BIT 32KB FLASH 44VQFN



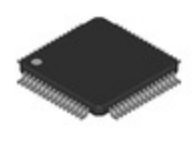
ATMEGA329V-8AI

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IC MCU 8BIT 32KB FLASH 64TQFP



ATMEGA32C1-15AZ

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IC MCU 8BIT 32KB FLASH 32TQFP



ATMEGA329PV-10ANR

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IC MCU 8BIT 32KB FLASH 64TQFP



ATMEGA329V-8AU

Microchip Technology
IC MCU 8BIT 32KB FLASH 64TQFP



ATMEGA32C1-15AD

Microchip Technology
IC MCU 8BIT 32KB FLASH 32TQFP



ATMEGA329V-8AI

Atmel
IC MCU 8BIT 32KB FLASH 64TQFP



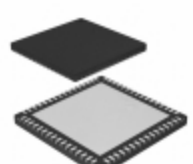
ATMEGA32A-PU

Microchip Technology
IC MCU 8BIT 32KB FLASH 40DIP



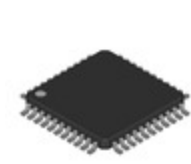
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IC MCU 8BIT 32KB FLASH 64QFN



ATMEGA329V-8MI

Microchip Technology
IC MCU 8BIT 32KB FLASH 64QFN



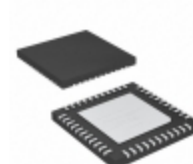
ATMEGA32A-AU

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IC MCU 8BIT 32KB FLASH 44TQFP



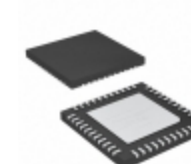
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IC MCU 8BIT 32KB FLASH 64QFN



ATMEGA32A-MUR

Microchip Technology
IC MCU 8BIT 32KB FLASH 44VQFN



ATMEGA32A-MNR

Microchip Technology
IC MCU 8BIT 32KB FLASH 44VQFN



ATMEGA329PV-10AUR

Microchip Technology
IC MCU 8BIT 32KB FLASH 64TQFP

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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