

Image may be representation.
See specifications for product details.



ATMEGA48V-10MMU

Manufacturer Part Number	ATMEGA48V-10MMU
Manufacturer	Atmel
Allelco Part Number	32D-ATMEGA48V-10MMU
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 4KB FLASH 28VQFN
Package	28-VFQFN Exposed Pad
Data sheet	ATMEGA48V-10MMU.pdf

Get a Quote

ATMEGA48V-10MMU - Atmel.New Original in Stock. Download Linear Technology ATMEGA48V-10MMU datasheet/specifications on AllelcoElec.com.
Request a quote for ATMEGA48V-10MMU, please send us email: info@allelco.com

Specifications

ATMEGA48V-10MMU Tech Specifications
ATMEGA48V-10MMU - Atmel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Atmel	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	28-VQFN (4x4)	Number of I/O	23
Speed	10MHz	Mounting Type	Surface Mount
Series	AVR® ATmega	EEPROM Size	256 x 8
RAM Size	512 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, WDT	Connectivity	I ² C, SPI, UART/USART
Package / Case	28-VFQFN Exposed Pad	Base Product Number	ATMEGA48
Package	Bulk		

Parts with Similar Specifications

The three parts on the right have similar specifications to Atmel ATMEGA48V-10MMU

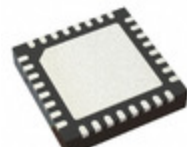
Product Attribute				
Part Number	ATMEGA48V-10MMU	ATMEGA48V-10MU	ATMEGA48V-10MU	ATMEGA48V-10MMU
Manufacturer	Atmel	Atmel	Microchip Technology	Microchip Technology
Core Processor	AVR	AVR	AVR	AVR
Package	Bulk	Bulk	Tray	Tray
Number of I/O	23	23	23	23
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	28-VQFN (4x4)	32-VQFN (5x5)	32-VQFN (5x5)	28-VQFN (4x4)
Series	AVR® ATmega	AVR® ATmega	AVR® ATmega	AVR® ATmega
Program Memory Size	4KB (2K x 16)	4KB (2K x 16)	4KB (2K x 16)	4KB (2K x 16)
Base Product Number	ATMEGA48	ATMEGA48	ATMEGA48	ATMEGA48
Package / Case	28-VFQFN Exposed Pad	32-VFQFN Exposed Pad	32-VFQFN Exposed Pad	28-VFQFN Exposed Pad
Oscillator Type	Internal	Internal	Internal	Internal
RAM Size	512 x 8	512 x 8	512 x 8	512 x 8
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Data Converters	A/D 8x10b	A/D 8x10b	A/D 8x10b	A/D 8x10b
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Speed	10MHz	10MHz	10MHz	10MHz
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8
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
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

Customers Also Interested in

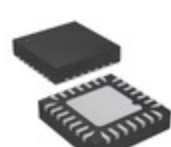
Recommended Products



ATMEGA48V-10MU
Atmel
IC MCU 8BIT 4KB FLASH 32VQFN



ATMEGA48V-10MU
Microchip Technology
IC MCU 8BIT 4KB FLASH 32VQFN



ATMEGA48V-10MMU
Microchip Technology
IC MCU 8BIT 4KB FLASH 28VQFN



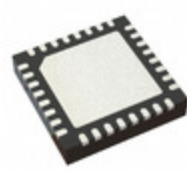
ATMEGA48V-10AI
Atmel
IC MCU 8BIT 4KB FLASH 32TQFP



ATMEGA48V-10MMUR
Atmel
IC MCU 8BIT 4KB FLASH 28VQFN



ATMEGA48PV-10AU
Microchip Technology
IC MCU 8BIT 4KB FLASH 32TQFP



ATMEGA48V-12AI

Atmel (Microchip Technology)

ATMEGA48V-10MI

Microchip Technology
IC MCU 8BIT 4KB FLASH 32VQFN

ATMEGA48V-10PU

Microchip Technology
IC MCU 8BIT 4KB FLASH 28DIP

ATMEGA48PB-AU

Microchip Technology
IC MCU 8BIT 4KB FLASH 32TQFP

ATMEGA48PV-10MU

Microchip Technology
IC MCU 8BIT 4KB FLASH 32VQFN

ATMEGA48V-10AV

Atmel (Microchip Technology)



ATMEGA64-16AI

Microchip Technology
IC MCU 8BIT 64KB FLASH 64TQFP



ATMEGA48PB-AUR

Microchip Technology
IC MCU 8BIT 4KB FLASH 32TQFP



ATMEGA48V-10AI

Microchip Technology
IC MCU 8BIT 4KB FLASH 32TQFP



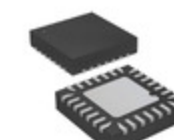
ATMEGA48PV-10AUR

Microchip Technology
IC MCU 8BIT 4KB FLASH 32TQFP



ATMEGA48V-10AU

Microchip Technology
IC MCU 8BIT 4KB FLASH 32TQFP



ATMEGA48V-10MMUR

Microchip Technology
IC MCU 8BIT 4KB FLASH 28VQFN

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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