

Image may be representation.
See specifications for product details.



ATXMEGA192A3U-MH

Manufacturer Part Number	ATXMEGA192A3U-MH
Manufacturer	Atmel
Allelco Part Number	32D-ATXMEGA192A3U-MH
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8/16BIT 192KB FLASH 64QFN
Package	64-VFQFN Exposed Pad
Data sheet	ATXMEGA192A3U-MH.pdf

Get a Quote

ATXMEGA192A3U-MH - Atmel.New Original in Stock. Download Linear Technology ATXMEGA192A3U-MH datasheet/specifications on AllelcoElec.com.
Request a quote for ATXMEGA192A3U-MH, please send us email: info@allelco.com

Specifications

ATXMEGA192A3U-MH Tech Specifications
ATXMEGA192A3U-MH - Atmel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Atmel	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.6V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	64-QFN (9x9)	Number of I/O	50
Speed	32MHz	Mounting Type	Surface Mount
Series	AVR® XMEGA® A3U	EEPROM Size	2K x 8
RAM Size	16K x 8	Data Converters	A/D 16x12b; D/A 2x12b
Program Memory Type	FLASH	Core Size	8/16-Bit
Program Memory Size	192KB (96K x 16)	Core Processor	AVR
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Connectivity	I²C, IrDA, SPI, UART/USART, USB
Package / Case	64-VFQFN Exposed Pad	Base Product Number	ATXMEGA192
Package	Bulk		

Parts with Similar Specifications

The three parts on the right have similar specifications to Atmel ATXMEGA192A3U-MH

Product Attribute				
Part Number	ATXMEGA192A3U-MH	ATXMEGA192C3-AU	ATXMEGA192A3U-MH	ATXMEGA192D3-MH
Manufacturer	Atmel	Microchip Technology	Microchip Technology	Microchip Technology
Base Product Number	ATXMEGA192	ATXMEGA192	ATXMEGA192	ATXMEGA192
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Data Converters	A/D 16x12b; D/A 2x12b	A/D 16x12b	A/D 16x12b; D/A 2x12b	A/D 16x12b
RAM Size	16K x 8	16K x 8	16K x 8	16K x 8
Voltage - Supply (Vcc/Vdd)	1.6V ~ 3.6V	1.6V ~ 3.6V	1.6V ~ 3.6V	1.6V ~ 3.6V
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Core Size	8/16-Bit	8/16-Bit	8/16-Bit	8/16-Bit
Core Processor	AVR	AVR	AVR	AVR
Speed	32MHz	32MHz	32MHz	32MHz
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT
Number of I/O	50	50	50	50
Package / Case	64-VFQFN Exposed Pad	64-TQFP	64-VFQFN Exposed Pad	64-VFQFN Exposed Pad
EEPROM Size	2K x 8	2K x 8	2K x 8	2K x 8
Program Memory Size	192KB (96K x 16)	192KB (96K x 16)	192KB (96K x 16)	192KB (96K x 16)
Series	AVR® XMEGA® A3U	AVR® XMEGA® C3	AVR® XMEGA® A3U	AVR® XMEGA® D3
Oscillator Type	Internal	Internal	Internal	Internal
Package	Bulk	Tray	Tray	Tray
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	64-QFN (9x9)	64-TQFP (14x14)	64-QFN (9x9)	64-QFN (9x9)
Connectivity	I²C, IrDA, SPI, UART/USART, USB	I²C, IrDA, SPI, UART/USART, USB	I²C, IrDA, SPI, UART/USART, USB	I²C, IrDA, SPI, UART/USART

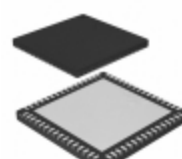
Customers Also Interested in

Recommended Products



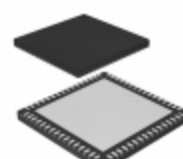
ATXMEGA192C3-AU

Microchip Technology
IC MCU 8/16BIT 192KB FLSH
64TQFP



ATXMEGA192A3U-MH

Microchip Technology
IC MCU 8/16BIT 192KB FLASH
64QFN



ATXMEGA192D3-MH

Microchip Technology
IC MCU 8/16BIT 192KB FLASH
64QFN



ATXMEGA192A3-HH

Atmel (Microchip Technology)



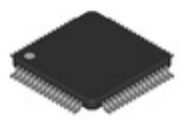
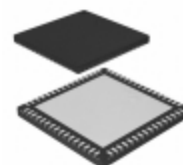
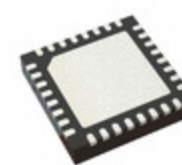
ATXMEGA192D3-H

Atmel (Microchip Technology)



ATXMEGA192A3U-AU

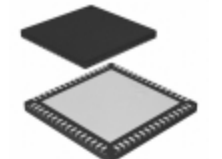
Microchip Technology
IC MCU 8/16BIT 192KB FLSH
64TQFP

**ATXMEGA192A3-AUR**Atmel
IC MCU 8/16BIT 192KB FLSH
64TQFP**ATXMEGA192A3U-AUR**Microchip Technology
IC MCU 8/16BIT 192KB FLSH
64TQFP**ATXMEGA192D3-MHR**Microchip Technology
IC MCU 8/16BIT 192KB FLSH
64QFN**ATXMEGA16E5-MU**Microchip Technology
IC MCU 8/16BIT 16KB FLASH
32VQFN**ATXMEGA192A3-AU**Microchip Technology
IC MCU 8/16BIT 192KB FLSH
64TQFP**ATXMEGA192A3-AUR**Microchip Technology
IC MCU 8/16BIT 192KB FLSH
64TQFP**ATXMEGA256A3**

Atmel (Microchip Technology)

**ATXMEGA192C3-MH**Atmel
IC MCU 8/16BIT 192KB FLASH
64QFN**ATXMEGA192A3-AU**Atmel
IC MCU 8/16BIT 192KB FLSH
64TQFP**ATXMEGA192C3-AU**Atmel
IC MCU 8/16BIT 192KB FLSH
64TQFP**ATXMEGA16E5-N**

Atmel (Microchip Technology)

**ATXMEGA192C3-MH**Microchip Technology
IC MCU 8/16BIT 192KB FLASH
64QFN

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](#)



Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
 Phone: +00852 9146 4856
 Fax: +00852 3010 8510
 Email: info@Allelco.com