

Image may be representation.  
See specifications for product details.



## MC68HC908AB32CFU

Manufacturer Part Number	<b>MC68HC908AB32CFU</b>
Manufacturer	<b>NXP Semiconductors</b>
Allelco Part Number	32D-MC68HC908AB32CFU
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 32KB FLASH 64QFP
Package	64-QFP
Data sheet	<a href="#">Cylindrical Battery Holders.pdf</a>

**Get a Quote**

MC68HC908AB32CFU - NXP USA Inc..New Original in Stock. Download Linear Technology MC68HC908AB32CFU datasheet/specifications on AllelcoElec.com.  
Request a quote for MC68HC908AB32CFU, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MC68HC908AB32CFU Tech Specifications  
MC68HC908AB32CFU - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	4.5V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	64-QFP (14x14)	Number of I/O	51
Speed	8MHz	Mounting Type	Surface Mount
Series	HC08	EEPROM Size	512 x 8
RAM Size	1K x 8	Data Converters	A/D 8x8b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	32KB (32K x 8)	Core Processor	HC08
Peripherals	POR, PWM	Connectivity	SCI, SPI
Package / Case	64-QFP	Base Product Number	MC68HC908
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MC68HC908AB32CFU

Product Attribute				
Part Number	MC68HC908AB32CFU	MC68HC908AP32CFB	MC68HC908AS60AVFU(3K85K)	MC68HC908AS60VFN
Manufacturer	NXP USA Inc.	NXP USA Inc.	MOTOROLA	MOTOROLA
Oscillator Type	Internal	Internal	-	-
Package	Tray	Tray	-	-
Speed	8MHz	8MHz	-	-
Series	HC08	HC08	-	-
Base Product Number	MC68HC908	MC68HC908	-	-
Core Size	8-Bit	8-Bit	-	-
Program Memory Size	32KB (32K x 8)	32KB (32K x 8)	-	-
Data Converters	A/D 8x8b	A/D 8x10b	-	-
Connectivity	SCI, SPI	I <sup>2</sup> C, IRSCI, SCI, SPI	-	-
EEPROM Size	512 x 8	-	-	-
Voltage - Supply (Vcc/Vdd)	4.5V ~ 5.5V	2.7V ~ 5.5V	-	-
Mounting Type	Surface Mount	Surface Mount	-	-
Number of I/O	51	32	-	-
Peripherals	POR, PWM	LED, LVD, POR, PWM	-	-
Core Processor	HC08	HC08	-	-
Supplier Device Package	64-QFP (14x14)	44-QFP (10x10)	-	-
Program Memory Type	FLASH	FLASH	-	-
RAM Size	1K x 8	2K x 8	-	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-	-
Package / Case	64-QFP	44-QFP	-	-

### MC68HC908AB32CFU Datasheet PDF

Download MC68HC908AB32CFU pdf datasheets and NXP USA Inc. documentation for MC68HC908AB32CFU - NXP USA Inc..

#### Datasheets


[Cylindrical Battery Holders.pdf](#)

#### PCN Packaging

[2.73KHz.pdf](#)



## Environmental Information

 NXP USA Inc REACH.pdf

 NXP USA Inc RoHS Cert.pdf

## Customers Also Interested in

### Recommended Products

 NO PICTURE	 NO PICTURE	 NO PICTURE	 NO PICTURE		
<b>MC68HC908AS60AVFU(3</b> MOTOROLA	<b>MC68HC908AS60VFN</b> MOTOROLA	<b>MC68HC908AP16CFBE</b> FREESC	<b>MC68HC811E2CP2</b> MOTOROLA	<b>MC68HC908AP64CFB</b> Freescale / NXP Semiconductors	<b>MC68HC908AB32MFU</b> Freescale / NXP Semiconductors
 NO PICTURE	 NO PICTURE			 NO PICTURE	 NO PICTURE
<b>MC68HC812A4CPV8</b> MOTOROLA	<b>MC68HC908AB32</b> MOTOROLA	<b>MC68HC811E2CFN2</b> Freescale / NXP Semiconductors	<b>MC68HC805PV8YDW</b> Freescale / NXP Semiconductors	<b>MC68HC9085B85PE</b>	<b>MC68HC908AS60CFU</b> MOTOROLA
 NO PICTURE			 NO PICTURE		
<b>MC68HC811E2P</b> MOTOROLA	<b>MC68HC811E2FN</b> Freescale / NXP Semiconductors	<b>MC68HC811E2FN2</b> Freescale / NXP Semiconductors	<b>MC68HC908AS60ACFN</b> FREECALE	<b>MC68HC908AB32CFUE</b> Freescale / NXP Semiconductors	<b>MC68HC908AP32CFB</b> NXP USA Inc. IC MCU 8BIT 32KB FLASH 44QFP

## 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  
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## Certifications & Memberships



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