



Image may be representation.  
See specifications for product details.

## MC68HC908JB8JPE

Manufacturer Part Number	<b>MC68HC908JB8JPE</b>
Manufacturer	Motorola
Allelco Part Number	32D-MC68HC908JB8JPE
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 8KB FLASH 20DIP
Package	20-DIP (0.300", 7.62mm)
Data sheet	MC68HC908JB8JPE.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MC68HC908JB8JPE - Motorola.New Original in Stock. Download Linear Technology MC68HC908JB8JPE datasheet/specifications on AllelcoElec.com.  
Request a quote for MC68HC908JB8JPE, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MC68HC908JB8JPE Tech Specifications

MC68HC908JB8JPE - Motorola technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Motorola	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	4V ~ 5.5V	Operating Temperature	0°C ~ 70°C (TA)
Supplier Device Package	20-DIP	Number of I/O	13
Speed	3MHz	Mounting Type	Through Hole
Series	HC08	EEPROM Size	-
RAM Size	256 x 8	Data Converters	-
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	8KB (8K x 8)	Core Processor	HC08
Peripherals	LVD, POR, PWM	Connectivity	USB
Package / Case	20-DIP (0.300", 7.62mm)	Base Product Number	MC68HC908
Package	Tube		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Motorola MC68HC908JB8JPE

Product Attribute				
Part Number	MC68HC908JB8JPE	<b>MC68HC908JK1CDW</b>	<b>MC68HC908GZ8MFJ</b>	<b>MC68HC908JB8JDW</b>
Manufacturer	Motorola	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Voltage - Supply (Vcc/Vdd)	4V ~ 5.5V	2.7V ~ 3.3V	3V ~ 5.5V	4V ~ 5.5V
Package	Tube	Tube	Tray	Tube
Package / Case	20-DIP (0.300", 7.62mm)	20-SOIC (0.295", 7.50mm Width)	32-LQFP	20-SOIC (0.295", 7.50mm Width)
Number of I/O	13	15	21	13
RAM Size	256 x 8	128 x 8	1K x 8	256 x 8
Oscillator Type	Internal	External	Internal	Internal
EEPROM Size	-	-	-	-
Core Processor	HC08	HC08	HC08	HC08
Data Converters	-	A/D 12x8b	A/D 8x10b	-
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Program Memory Size	8KB (8K x 8)	1.5KB (1.5K x 8)	8KB (8K x 8)	8KB (8K x 8)
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	0°C ~ 70°C (TA)
Base Product Number	MC68HC908	MC68HC908	MC68HC908	MC68HC908
Speed	3MHz	8MHz	8MHz	3MHz
Series	HC08	HC08	HC08	HC08
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Supplier Device Package	20-DIP	20-SOIC	32-LQFP (7x7)	20-SOIC
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Peripherals	LVD, POR, PWM	LED, LVD, POR, PWM	LVD, POR, PWM	LVD, POR, PWM
Connectivity	USB	-	CANbus, LINbus, SCI, SPI	USB

### Customers Also Interested in

#### Recommended Products



**MC68HC908JK1CDW**  
NXP USA Inc.  
IC MCU 8BIT 1.5KB FLASH 20SOIC



**MC68HC908JK1ECDWE**  
Freescale / NXP Semiconductors



**MC68HC908GZ8MFJ**  
NXP USA Inc.  
IC MCU 8BIT 8KB FLASH 32LQFP



**MC68HC908JB16JDWE**  
Freescale / NXP Semiconductors



**MC68HC908GZ8CFAE**  
FREESC



**MC68HC908JB8JDW**  
NXP USA Inc.  
IC MCU 8BIT 8KB FLASH 20SOIC

**MC68HC908JB8JPE**

NXP USA Inc.  
IC MCU 8BIT 8KB FLASH 20DIP

**MC68HC908JK1ECDW**

NXP USA Inc.  
IC MCU 8BIT 1.5KB FLASH 20SOIC

**MC68HC908JB8ADW**

NXP USA Inc.  
IC MCU 8BIT 8KB FLASH 28SOIC

**MC68HC908JK3CP**

NXP USA Inc.  
IC MCU 8BIT 4KB FLASH 20DIP

**MC68HC908JK1CP**

NXP USA Inc.  
IC MCU 8BIT 1.5KB FLASH 20DIP

**MC68HC908GZ8CFJ**

Freescale / NXP Semiconductors

**MC68HC908JB8EP**

Freescale Semiconductor  
Microcontroller, 8-Bit, FLASH, H

**MC68HC908JK1ECP**

MOTOROLA

**MC68HC908GZ8CFA**

NXP USA Inc.  
IC MCU 8BIT 8KB FLASH 48LQFP

**MC68HC908GZ60MFA**

NXP USA Inc.  
IC MCU 8BIT 60KB FLASH 48LQFP

**MC68HC908JB8FB**

NXP USA Inc.  
IC MCU 8BIT 8KB FLASH 44QFP

**MC68HC908JK3CDW**

NXP USA Inc.  
IC MCU 8BIT 4KB FLASH 20SOIC

## 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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## Contact us

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