



Image may be representation.  
See specifications for product details.



## MC68HC908JB8JDW

Manufacturer Part Number	<b>MC68HC908JB8JDW</b>
Manufacturer	<b>NXP Semiconductors</b>
Allelco Part Number	32D-MC68HC908JB8JDW
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 8KB FLASH 20SOIC
Package	20-SOIC (0.295", 7.50mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>

**Get a Quote**

MC68HC908JB8JDW - NXP USA Inc..New Original in Stock. Download Linear Technology MC68HC908JB8JDW datasheet/specifications on AllelcoElec.com.  
Request a quote for MC68HC908JB8JDW, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MC68HC908JB8JDW Tech Specifications  
MC68HC908JB8JDW - 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)	4V ~ 5.5V	Operating Temperature	0°C ~ 70°C (TA)
Supplier Device Package	20-SOIC	Number of I/O	13
Speed	3MHz	Mounting Type	Surface Mount
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-SOIC (0.295", 7.50mm Width)	Base Product Number	MC68HC908
Package	Tube		

### Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MC68HC908JB8JDW

Product Attribute				
Part Number	MC68HC908JB8JDW	MC68HC908JK1CP	MC68HC908JK1CDW	MC68HC908JB8JPE
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Series	HC08	HC08	HC08	HC08
Data Converters	-	A/D 12x8b	A/D 12x8b	-
Mounting Type	Surface Mount	Through Hole	Surface Mount	Through Hole
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Core Processor	HC08	HC08	HC08	HC08
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Oscillator Type	Internal	External	External	Internal
Voltage - Supply (Vcc/Vdd)	4V ~ 5.5V	2.7V ~ 3.3V	2.7V ~ 3.3V	4V ~ 5.5V
Package / Case	20-SOIC (0.295", 7.50mm Width)	20-DIP (0.300", 7.62mm)	20-SOIC (0.295", 7.50mm Width)	20-DIP (0.300", 7.62mm)
Peripherals	LVD, POR, PWM	LED, LVD, POR, PWM	LED, LVD, POR, PWM	LVD, POR, PWM
Speed	3MHz	8MHz	8MHz	3MHz
Base Product Number	MC68HC908	MC68HC908	MC68HC908	MC68HC908
Number of I/O	13	15	15	13
EEPROM Size	-	-	-	-
Connectivity	USB	-	-	USB
Package	Tube	Tube	Tube	Bulk
RAM Size	256 x 8	128 x 8	128 x 8	256 x 8
Supplier Device Package	20-SOIC	20-DIP	20-SOIC	20-DIP
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
Program Memory Size	8KB (8K x 8)	1.5KB (1.5K x 8)	1.5KB (1.5K x 8)	8KB (8K x 8)

### MC68HC908JB8JDW Datasheet PDF

Download MC68HC908JB8JDW pdf datasheets and NXP USA Inc. documentation for MC68HC908JB8JDW - 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



**MC68HC908JK1CP**  
NXP USA Inc.  
IC MCU 8BIT 1.5KB FLASH 20DIP



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



**MC68HC908JB8JPE**  
NXP USA Inc.  
IC MCU 8BIT 8KB FLASH 20DIP



**MC68HC908GZ60MFA**  
NXP USA Inc.  
IC MCU 8BIT 60KB FLASH 48LQFP



**MC68HC908GZ8CFA**  
NXP USA Inc.  
IC MCU 8BIT 8KB FLASH 48LQFP



**MC68HC908GZ8CFAE**  
FREESC



**MC68HC908GZ8CFJ**  
Freescale / NXP Semiconductors



**MC68HC908JB8FB**  
NXP USA Inc.  
IC MCU 8BIT 8KB FLASH 44QFP



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



**MC68HC908JB8ADW**  
NXP USA Inc.  
IC MCU 8BIT 8KB FLASH 28SOIC



**MC68HC908JK1ECDWE**  
Freescale / NXP Semiconductors



**MC68HC908JK3CDW**  
NXP USA Inc.  
IC MCU 8BIT 4KB FLASH 20SOIC



**MC68HC908GZ60CFU**  
NXP USA Inc.  
IC MCU 8BIT 60KB FLASH 64QFP



**MC68HC908JB8JPE**  
Motorola  
IC MCU 8BIT 8KB FLASH 20DIP



**MC68HC908JB8EP**  
Freescale Semiconductor  
Microcontroller, 8-Bit, FLASH, H



**MC68HC908JK3CP**  
NXP USA Inc.  
IC MCU 8BIT 4KB FLASH 20DIP



**MC68HC908JB16JDWE**  
Freescale / NXP Semiconductors



**MC68HC908JK1ECDW**  
NXP USA Inc.  
IC MCU 8BIT 1.5KB 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

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Email

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## Certifications & Memberships



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