

Image may be representation.
See specifications for product details.



MC68HC908QY4CPE

Manufacturer Part Number	MC68HC908QY4CPE
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MC68HC908QY4CPE
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 4KB FLASH 16DIP
Package	16-DIP (0.300", 7.62mm)
Data sheet	MC68HC908(QT,QY)1,2,4.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MC68HC908QY4CPE - NXP USA Inc..New Original in Stock. Download Linear Technology MC68HC908QY4CPE datasheet/specifications on AllelcoElec.com.
Request a quote for MC68HC908QY4CPE, please send us email: info@allelco.com

Specifications

MC68HC908QY4CPE Tech Specifications
MC68HC908QY4CPE - 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)	2.7V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	16-PDIP	Number of I/O	13
Speed	8MHz	Mounting Type	Through Hole
Series	HC08	EEPROM Size	-
RAM Size	128 x 8	Data Converters	A/D 4x8b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	4KB (4K x 8)	Core Processor	HC08
Peripherals	LVD, POR, PWM	Connectivity	-
Package / Case	16-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 NXP USA Inc. MC68HC908QY4CPE

Product Attribute				
Part Number	MC68HC908QY4CPE	MC68HC912B32CFU8	MC68HC908QY4CDTE	MC68HC908QY2MP
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	Freescale Semiconductor
Series	HC08	HC12	HC08	HC08
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Connectivity	-	SCI, SPI	-	-
Package	Tube	Tray	Tube	Bulk
Base Product Number	MC68HC908	MC68HC912	MC68HC908	MC68HC908
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	4.5V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Speed	8MHz	8MHz	8MHz	8MHz
Supplier Device Package	16-PDIP	80-QFP (14x14)	16-TSSOP	16-PDIP
Mounting Type	Through Hole	Surface Mount	Surface Mount	Through Hole
EEPROM Size	-	768 x 8	-	-
Oscillator Type	Internal	External	Internal	Internal
Peripherals	LVD, POR, PWM	POR, PWM, WDT	LVD, POR, PWM	LVD, POR, PWM
Package / Case	16-DIP (0.300", 7.62mm)	80-QFP	16-TSSOP (0.173", 4.40mm Width)	16-DIP (0.300", 7.62mm)
Core Processor	HC08	CPU12	HC08	M68HC08
Core Size	8-Bit	16-Bit	8-Bit	8-Bit
Data Converters	A/D 4x8b	A/D 8x10b	A/D 4x8b	A/D 4x8b
Number of I/O	13	63	13	13
RAM Size	128 x 8	1K x 8	128 x 8	128 x 8
Program Memory Size	4KB (4K x 8)	32KB (32K x 8)	4KB (4K x 8)	1.5KB (1.5K x 8)

MC68HC908QY4CPE Datasheet PDF

Download MC68HC908QY4CPE pdf datasheets and NXP USA Inc. documentation for MC68HC908QY4CPE - NXP USA Inc..

Datasheets


[MC68HC908\(QT,QY\)1,2,4.pdf](#)

PCN Packaging

[All Dev Label Update 15/Dec/2020.pdf](#)

Environmental Information

 NXP USA Inc REACH.pdf



















 NXP USA Inc RoHS Cert.pdf

PCN Obsolescence/ EOL

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Customers Also Interested in

Recommended Products

					
MC68HC908QY4AMDWEI AMI Semiconductor/onsemi	MC68HC912B32CFU8 NXP USA Inc. IC MCU 16BIT 32KB FLASH 80QFP	MC68HC908QY4CDTE NXP USA Inc. IC MCU 8BIT 4KB FLASH 16TSSOP	MC68HC908QY2MP Freescale Semiconductor 8-BIT, FLASH, 68HC08 CPU, 8MHZ	MC68HC908QY2CDWE FREESCALE	MC68HC908QY4MDTE NXP USA Inc. IC MCU 8BIT 4KB FLASH 16TSSOP
					
MC68HC908QY4MDTE Freescale Semiconductor IC MCU 8BIT 4KB FLASH 16TSSOP	MC68HC908RF2CFA NXP USA Inc. IC MCU 8BIT 2KB FLASH 32LQFP	MC68HC908SR12CB Motorola IC MCU 8BIT 12KB FLASH 42DIP	MC68HC908RF2MFA Motorola IC MCU 8BIT 2KB FLASH 32LQFP	MC68HC908SR12CB NXP USA Inc. IC MCU 8BIT 12KB FLASH 42DIP	MC68HC908QY4MDWE Freescale / NXP Semiconductors
					
MC68HC908RF2MFA NXP USA Inc. IC MCU 8BIT 2KB FLASH 32LQFP	MC68HC908QY4CP NXP USA Inc. IC MCU 8BIT 4KB FLASH 16DIP	MC68HC908QY4CDW NXP USA Inc. IC MCU 8BIT 4KB FLASH 16SOIC	MC68HC908RF2CFA Motorola IC MCU 8BIT 2KB FLASH 32LQFP	MC68HC908QY4ACDWE Freescale / NXP Semiconductors	MC68HC908QY4AMDTE Freescale / NXP Semiconductors

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.

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Certifications & Memberships



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