



Image may be representation.
See specifications for product details.



MC908AP64CFBE

Manufacturer Part Number	MC908AP64CFBE
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MC908AP64CFBE
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 64KB FLASH 44QFP
Package	44-QFP
Data sheet	MC68HC908AP8,16,32,64.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MC908AP64CFBE - NXP USA Inc..New Original in Stock. Download Linear Technology MC908AP64CFBE datasheet/specifications on AllelcoElec.com.
Request a quote for MC908AP64CFBE, please send us email: info@allelco.com

Specifications

MC908AP64CFBE Tech Specifications

MC908AP64CFBE - 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	44-QFP (10x10)	Number of I/O	32
Speed	8MHz	Mounting Type	Surface Mount
Series	HC08	EEPROM Size	-
RAM Size	2K x 8	Data Converters	A/D 8x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	64KB (64K x 8)	Core Processor	HC08
Peripherals	LED, LVD, POR, PWM	Connectivity	I ² C, IRSCI, SCI, SPI
Package / Case	44-QFP	Base Product Number	MC908
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MC908AP64CFBE

Product Attribute				
Part Number	MC908AP64CFBE	MC908AP64ACFBE	MC908AP8CFAE	MC908AP64CFAE
Manufacturer	NXP USA Inc.	NXP USA Inc.	Freescale Semiconductor	NXP USA Inc.
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	4.5V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Core Processor	HC08	HC08	HC08	HC08
Connectivity	I ² C, IRSCI, SCI, SPI	I ² C, IRSCI, SCI, SPI	I ² C, IRSCI, SCI, SPI	I ² C, IRSCI, SCI, SPI
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Oscillator Type	Internal	Internal	Internal	Internal
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Data Converters	A/D 8x10b	A/D 8x10b	A/D 8x10b	A/D 8x10b
RAM Size	2K x 8	2K x 8	1K x 8	2K x 8
Speed	8MHz	8MHz	8MHz	8MHz
EEPROM Size	-	-	-	-
Package	Tray	Tray	Bulk	Tray
Supplier Device Package	44-QFP (10x10)	44-QFP (10x10)	48-LQFP (7x7)	48-LQFP (7x7)
Base Product Number	MC908	MC908	MC908	MC908
Number of I/O	32	32	32	32
Program Memory Size	64KB (64K x 8)	64KB (64K x 8)	8KB (8K x 8)	64KB (64K x 8)
Package / Case	44-QFP	44-QFP	48-LQFP	48-LQFP
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Peripherals	LED, LVD, POR, PWM	LED, LVD, POR, PWM	LED, LVD, POR, PWM	LED, LVD, POR, PWM
Series	HC08	HC08	HC08	HC08

MC908AP64CFBE Datasheet PDF

Download MC908AP64CFBE pdf datasheets and NXP USA Inc. documentation for MC908AP64CFBE - NXP USA Inc..

Datasheets

[MC68HC908AP8,16,32,64.pdf](#)

PCN Packaging

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

[Mult Dev Pkg Seal 15/Dec/2020.pdf](#)

Environmental Information



NXP USA Inc REACH.pdf



NXP USA Inc RoHS Cert.pdf

PCN Assembly/Origin



2.73KHz.pdf

Customers Also Interested in

Recommended Products



MC908AP64ACFBE

NXP USA Inc.
IC MCU 8BIT 64KB FLASH 44QFP



MC908AP8CFAE

Freescale Semiconductor
IC MCU 8BIT 8KB FLASH 48LQFP



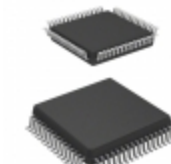
MC908AP64CFAE

NXP USA Inc.
IC MCU 8BIT 64KB FLASH 48LQFP



MC908AP8ACFBE

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



MC908AS60ACFU

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



MC908AP64ACFBE

Freescale Semiconductor
IC MCU 8BIT 64KB FLASH 44QFP



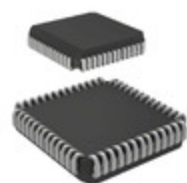
MC908AP64CFAER

Freescale Semiconductor
IC MCU 8BIT 64KB FLASH 48LQFP



MC908AP64CFAE

Freescale Semiconductor
IC MCU 8BIT 64KB FLASH 48LQFP



MC908AS60ACFNE

NXP USA Inc.
IC MCU 8BIT 60KB FLASH 52PLCC



MC908AP8ACFBE

Freescale Semiconductor
IC MCU 8BIT 8KB FLASH 44QFP



MC908AP8CFBE

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



MC908AS60ACFN

NXP USA Inc.
IC MCU 8BIT 60KB FLASH 52PLCC



MC908AP64CFAER

NXP USA Inc.
IC MCU 8BIT 64KB FLASH 48LQFP



MC908AP64CFAE

NXP USA Inc.
IC MCU 8BIT 64KB FLASH 48LQFP



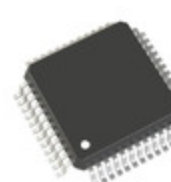
MC908AP48CFBE

Freescale Semiconductor
MICROCONTROLLER, 8 BIT,
HC08/S08



MC908AP48CFBER

Freescale / NXP Semiconductors



MC908AP8CFAE

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



MC908AP64CFAE

Freescale Semiconductor
IC MCU 8BIT 64KB FLASH 48LQFP

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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