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See specifications for product details.



MC9S08JM32CQH

Manufacturer Part Number	MC9S08JM32CQH
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MC9S08JM32CQH
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 32KB FLASH 64QFP
Package	64-QFP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MC9S08JM32CQH - NXP USA Inc..New Original in Stock. Download Linear Technology MC9S08JM32CQH datasheet/specifications on AllelcoElec.com.
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Specifications

MC9S08JM32CQH Tech Specifications

MC9S08JM32CQH - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Oscillator Type	External
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	64-QFP (14x14)	Number of I/O	51
Speed	48MHz	Mounting Type	Surface Mount
Series	S08	EEPROM Size	-
RAM Size	2K x 8	Data Converters	A/D 12x12b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	32KB (32K x 8)	Core Processor	S08
Peripherals	LVD, POR, PWM, WDT	Connectivity	I ² C, LINbus, SCI, SPI, USB
Package / Case	64-QFP	Base Product Number	MC9S08
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MC9S08JM32CQH

Product Attribute				
Part Number	MC9S08JM32CQH	MC9S08JM16CGT	MC9S08JM8CLC	MC9S08JM60CLD
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Data Converters	A/D 12x12b	A/D 8x12b	A/D 4x12b	A/D 8x12b
Package / Case	64-QFP	48-VFQFN Exposed Pad	32-LQFP	44-LQFP
Core Processor	S08	S08	S08	S08
Program Memory Type	FLASH	FLASH	FLASH	FLASH
EEPROM Size	-	-	-	-
Supplier Device Package	64-QFP (14x14)	48-QFN-EP (7x7)	32-LQFP (7x7)	44-LQFP (10x10)
Speed	48MHz	48MHz	48MHz	48MHz
Base Product Number	MC9S08	MC9S08	MC9S08	MC9S08
Oscillator Type	External	External	External	External
RAM Size	2K x 8	1K x 8	1K x 8	4K x 8
Package	Tray	Tray	Tray	Tray
Program Memory Size	32KB (32K x 8)	16KB (16K x 8)	8KB (8K x 8)	60KB (60K x 8)
Connectivity	I ² C, LINbus, SCI, SPI, USB	I ² C, LINbus, SCI, SPI, USB	I ² C, LINbus, SCI, SPI, USB	I ² C, LINbus, SCI, SPI, USB
Number of I/O	51	37	21	33
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C	-40°C ~ 85°C (TA)
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Peripherals	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT
Series	S08	S08	S08	S08

MC9S08JM32CQH Datasheet PDF

Download MC9S08JM32CQH pdf datasheets and NXP USA Inc. documentation for MC9S08JM32CQH - NXP USA Inc..

Datasheets

Cylindrical Battery Holders.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

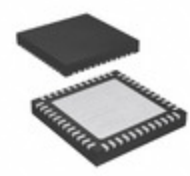
 NXP USA Inc RoHS Cert.pdf

PCN Design/Specification

 Mult Dev 25/May/2020.pdf

Customers Also Interested in

Recommended Products



MC9S08JM16CGT

NXP USA Inc.
IC MCU 8BIT 16KB FLASH 48QFN



MC9S08JM8CLC

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



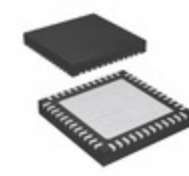
MC9S08JM60CLD

NXP USA Inc.
IC MCU 8BIT 60KB FLASH 44LQFP



MC9S08JM60CLH

Freescal Semiconductor
IC MCU 8BIT 60KB FLASH 64LQFP



MC9S08JM60CGT

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



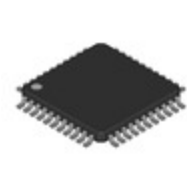
MC9S08JM32CLH

Freescal Semiconductor
IC MCU 8BIT 32KB FLASH 64LQFP



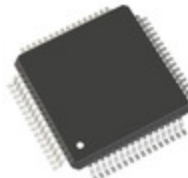
MC9S08JM32CLD

NXP USA Inc.
IC MCU 8BIT 32KB FLASH 44LQFP



MC9S08JM60CLD

Freescal Semiconductor
IC MCU 8BIT 60KB FLASH 44LQFP



MC9S08JM60CLH

NXP USA Inc.
IC MCU 8BIT 60KB FLASH 44LQFP



MC9S08JM32CGT

Freescal Semiconductor
IC MCU 8BIT 32KB FLASH 48QFN



MC9S08JM8CLD

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



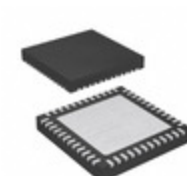
MC9S08JM16CLC

NXP USA Inc.
IC MCU 8BIT 16KB FLASH 32LQFP



MC9S08JM32CLH

NXP USA Inc.
IC MCU 8BIT 32KB FLASH 64LQFP



MC9S08JM32CGT

NXP USA Inc.
IC MCU 8BIT 32KB FLASH 48QFN



MC9S08JM16CLD

NXP USA Inc.
IC MCU 8BIT 16KB FLASH 44LQFP



MC9S08JM60CLDR

NXP USA Inc.
IC MCU 8BIT 60KB FLASH 44LQFP



MC9S08JM32CQH

Freescal Semiconductor
IC MCU 8BIT 32KB FLASH 64QFP



MC9S08JM8CLC

Freescal Semiconductor
IC MCU 8BIT 8KB FLASH 32LQFP

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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 Email
info@allelco.com

Certifications & Memberships



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