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See specifications for product details.



MC9S08DZ128CLH

Manufacturer Part Number	MC9S08DZ128CLH
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MC9S08DZ128CLH
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 128KB FLASH 64LQFP
Package	64-LQFP
Data sheet	MC9S08(DZ, DV)(128,96).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MC9S08DZ128CLH - NXP USA Inc..New Original in Stock. Download Linear Technology MC9S08DZ128CLH datasheet/specifications on AllelcoElec.com.
Request a quote for MC9S08DZ128CLH, please send us email: info@allelco.com

Specifications

MC9S08DZ128CLH Tech Specifications

MC9S08DZ128CLH - 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-LQFP (10x10)	Number of I/O	53
Speed	40MHz	Mounting Type	Surface Mount
Series	S08	EEPROM Size	2K x 8
RAM Size	8K x 8	Data Converters	A/D 24x12b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	128KB (128K x 8)	Core Processor	S08
Peripherals	LVD, POR, PWM, WDT	Connectivity	CANbus, I ² C, LINbus, SCI, SPI
Package / Case	64-LQFP	Base Product Number	MC9S08
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MC9S08DZ128CLH

Product Attribute				
Part Number	MC9S08DZ128CLH	MC9S08DV60AMLC	MC9S08DZ16AMLC	MC9S08DV32CLH
Manufacturer	NXP USA Inc.	NXP USA Inc.	Freemove Semiconductor	NXP USA Inc.
RAM Size	8K x 8	3K x 8	1K x 8	2K x 8
Number of I/O	53	53	25	53
Supplier Device Package	64-LQFP (10x10)	32-LQFP (7x7)	32-LQFP (7x7)	64-LQFP (10x10)
Speed	40MHz	40MHz	40MHz	40MHz
Oscillator Type	External	External	External	External
Series	S08	S08	S08	S08
Program Memory Size	128KB (128K x 8)	60KB (60K x 8)	16KB (16K x 8)	32KB (32K x 8)
Connectivity	CANbus, I ² C, LINbus, SCI, SPI	CANbus, I ² C, LINbus, SCI, SPI	CANbus, I ² C, LINbus, SCI, SPI	CANbus, I ² C, LINbus, SCI, SPI
Data Converters	A/D 24x12b	A/D 16x12b	A/D 10x12b	A/D 16x12b
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Peripherals	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT
Base Product Number	MC9S08	MC9S08	MC9S08	MC9S08
Core Processor	S08	S08	S08	S08
Package	Tray	Tray	Bulk	Tray
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Program Memory Type	FLASH	FLASH	FLASH	FLASH
EEPROM Size	2K x 8	-	512 x 8	-
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Package / Case	64-LQFP	32-LQFP	32-LQFP	64-LQFP
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C	-40°C ~ 85°C (TA)

MC9S08DZ128CLH Datasheet PDF

Download MC9S08DZ128CLH pdf datasheets and NXP USA Inc. documentation for MC9S08DZ128CLH - NXP USA Inc..

Datasheets

[MC9S08\(DZ, DV\)\(128,96\).pdf](#)

Environmental Information

[NXP USA Inc REACH.pdf](#)

[NXP USA Inc RoHS Cert.pdf](#)

PCN Packaging



Mult Dev Pkg Seal 15/Dec/2020.pdf



Mult Dev Pkg Chgs 8/Feb/2022.pdf

PCN Assembly/Origin



2.73KHz.pdf

PCN Design/Specification



Cylindrical Battery Holders.pdf

Customers Also Interested in

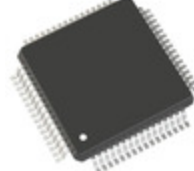
Recommended Products



MC9S08DV60AMLC
NXP USA Inc.
IC MCU 8BIT 60KB FLASH 32LQFP



MC9S08DZ16AMLC
Freescale Semiconductor
IC MCU 8BIT 16KB FLASH 32LQFP



MC9S08DV32CLH
NXP USA Inc.
IC MCU 8BIT 32KB FLASH 64LQFP



MC9S08DZ128CLF
Freescale Semiconductor
IC MCU 8BIT 128KB FLASH 48LQFP



MC9S08DZ128MLL
NXP USA Inc.
IC MCU 8BIT 128KB FLASH 100LQFP



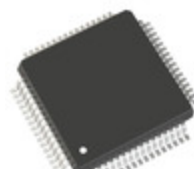
MC9S08DV60AMLH
Freescale Semiconductor
IC MCU 8BIT 60KB FLASH 64LQFP



MC9S08DZ16ACL
NXP USA Inc.
IC MCU 8BIT 16KB FLASH 32LQFP



MC9S08DZ16CLC
NXP USA Inc.
IC MCU 8BIT 16KB FLASH 32LQFP



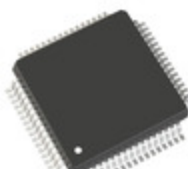
MC9S08DV60ACLH
NXP USA Inc.
IC MCU 8BIT 60KB FLASH 64LQFP



MC9S08DZ16AMLC
NXP USA Inc.
IC MCU 8BIT 16KB FLASH 32LQFP



MC9S08DV32AML
NXP USA Inc.
IC MCU 8BIT 32KB FLASH 48LQFP



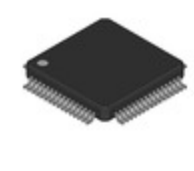
MC9S08DV60AMLH
NXP USA Inc.
IC MCU 8BIT 60KB FLASH 64LQFP



MC9S08DZ128CLL
Freescale Semiconductor
IC MCU 8BIT 128KB FLASH 100LQFP



MC9S08DZ128CLL
NXP USA Inc.
IC MCU 8BIT 128KB FLASH 100LQFP



MC9S08DV60ACLH
Freescale Semiconductor
IC MCU 8BIT 60KB FLASH 64LQFP



MC9S08DZ16ACL
NXP USA Inc.
IC MCU 8BIT 16KB FLASH 48LQFP



MC9S08DZ128CLF
NXP USA Inc.
IC MCU 8BIT 128KB FLASH 48LQFP



MC9S08DV60AMLC
Freescale Semiconductor
IC MCU 8BIT 60KB 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 Alleco 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@alleco.com

Certifications & Memberships



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