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See specifications for product details.



MC9S08QG4CDTE

Manufacturer Part Number	MC9S08QG4CDTE
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MC9S08QG4CDTE
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 4KB FLASH 16TSSOP
Package	16-TSSOP (0.173', 4.40mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MC9S08QG4CDTE - NXP USA Inc..New Original in Stock. Download Linear Technology MC9S08QG4CDTE datasheet/specifications on AllelcoElec.com.
Request a quote for MC9S08QG4CDTE, please send us email: info@allelco.com

Specifications

MC9S08QG4CDTE Tech Specifications

MC9S08QG4CDTE - 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)	1.8V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	16-TSSOP	Number of I/O	12
Speed	20MHz	Mounting Type	Surface Mount
Series	S08	EEPROM Size	-
RAM Size	256 x 8	Data Converters	A/D 8x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	4KB (4K x 8)	Core Processor	S08
Peripherals	LVD, POR, PWM, WDT	Connectivity	I ² C, SCI, SPI
Package / Case	16-TSSOP (0.173', 4.40mm Width)	Base Product Number	MC9S08
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MC9S08QG4CDTE

Product Attribute				
Part Number	MC9S08QG4CDTE	MC9S08QE64CLC	MC9S08QE8CWJ	MC9S08QE64CLH
Manufacturer	NXP USA Inc.	Freescale Semiconductor	NXP USA Inc.	Freescale Semiconductor
Connectivity	I ² C, SCI, SPI	-	I ² C, LINbus, SCI, SPI	I ² C, LINbus, SCI, SPI
Speed	20MHz	-	20MHz	50MHz
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	-	1.8V ~ 3.6V	1.8V ~ 3.6V
Package / Case	16-TSSOP (0.173', 4.40mm Width)	-	20-SOIC (0.295', 7.50mm Width)	64-LQFP
EEPROM Size	-	-	-	-
Number of I/O	12	-	16	54
Mounting Type	Surface Mount	-	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C (TA)	-	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Core Processor	S08	-	S08	S08
Peripherals	LVD, POR, PWM, WDT	-	LVD, PWM, WDT	LVD, PWM, WDT
Core Size	8-Bit	-	8-Bit	8-Bit
Program Memory Type	FLASH	-	FLASH	FLASH
Supplier Device Package	16-TSSOP	-	20-SOIC	64-LQFP (10x10)
RAM Size	256 x 8	-	512 x 8	4K x 8
Program Memory Size	4KB (4K x 8)	-	8KB (8K x 8)	64KB (64K x 8)
Series	S08	*	S08	S08
Base Product Number	MC9S08	MC9S08	MC9S08	MC9S08
Package	Tube	Bulk	Tube	Bulk
Oscillator Type	Internal	-	Internal	Internal
Data Converters	A/D 8x10b	-	A/D 8x12b	A/D 22x12b

MC9S08QG4CDTE Datasheet PDF

Download MC9S08QG4CDTE pdf datasheets and NXP USA Inc. documentation for MC9S08QG4CDTE - 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 Assembly/Origin



2.73KHz.pdf

Customers Also Interested in

Recommended Products



MC9S08QE64CLC

Freescale Semiconductor
MICROCONTROLLER, 8-BIT,
HC08/S08



MC9S08QE8CWJ

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



MC9S08QE64CLH

Freescale Semiconductor
IC MCU 8BIT 64KB FLASH 64LQFP



MC9S08QE64CLH

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



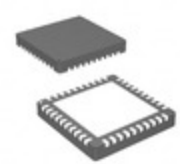
MC9S08QG4CDTER

NXP USA Inc.
IC MCU 8BIT 4KB FLASH 16TSSOP



MC9S08QE64CLC

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



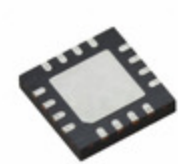
MC9S08QE8CFM

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



MC9S08QG4CFFER

NXP USA Inc.
IC MCU 8BIT 4KB FLASH 16QFN



MC9S08QG4CFFE

NXP USA Inc.
IC MCU 8BIT 4KB FLASH 16QFN



MC9S08QG4CDTER

Nexperia USA Inc.
IC MCU 8BIT 4KB FLASH 16TSSOP



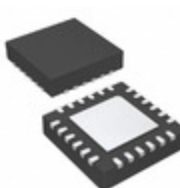
MC9S08QE8CWL

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



MC9S08QG4CPAE

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



MC9S08QG4CFKE

NXP USA Inc.
IC MCU 8BIT 4KB FLASH 24QFN



MC9S08QE8CLC

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



MC9S08QE8CTG

NXP USA Inc.
IC MCU 8BIT 8KB FLASH 16TSSOP



MC9S08QG8CDNER

NXP USA Inc.
IC MCU 8BIT 8KB FLASH 8SOIC



MC9S08QG4CFKE

Freescale Semiconductor
IC MCU 8BIT 4KB FLASH 24QFN



MC9S08QE8CLC

Freescale 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.



Phone

+00852 9146 4856



Email

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Certifications & Memberships



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