



## MC908QC8CDZE Information



For Reference Only

Part Number MC908QC8CDZE

Manufacturer NXP

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

**Description**IC MCU 8BIT 8KB FLASH 28SOIC**Package**28-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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# MC908QC8CDZE Specifications

Manufacturer Part Number         MC908QC8CDZE           Manufacturer         NXP           Category         Integrated Circuits (ICs)           Embedded - Microcontrollers           Package         28-SOIC (0.295", 7.50mm Width)           Series         HC08           Core Processor         HC08           Core Size         8-Bit           Speed         8MHz           Connectivity         SCI, SPI           Peripherals         LVD, POR, PWM           Number of I/O         24           Program Memory Size         8KB (8K x 8)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         384 x 8           Voltage - Supply (Vcc/Vdd)         3 V ~ 5.5 V           Data Converters         A/D 10x10b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         -           Package / Case         28-SOIC (0.295", 7.50mm Width)           Supplier Device Package         28-SOIC		
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Core Processor         HC08           Core Size         8-Bit           Speed         8MHz           Connectivity         SCI, SPI           Peripherals         LVD, POR, PWM           Number of I/O         24           Program Memory Size         8KB (8K x 8)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         384 x 8           Voltage - Supply (Vcc/Vdd)         3 V ~ 5.5 V           Data Converters         A/D 10x10b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         -           Package / Case         28-SOIC (0.295", 7.50mm Width)           Supplier Device Package         28-SOIC	Package	28-SOIC (0.295", 7.50mm Width)
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Speed8MHzConnectivitySCI, SPIPeripheralsLVD, POR, PWMNumber of I/O24Program Memory Size8KB (8K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size384 x 8Voltage - Supply (Vcc/Vdd)3 V ~ 5.5 VData ConvertersA/D 10x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Core Processor	HC08
Connectivity Peripherals LVD, POR, PWM Number of I/O 24 Program Memory Size 8KB (8K x 8) Program Memory Type FLASH EEPROM Size - RAM Size Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 10x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package	Core Size	8-Bit
Peripherals Number of I/O 24 Program Memory Size 8KB (8K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 384 x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 10x10b Oscillator Type Internal Operating Temperature A-0°C ~ 85°C (TA) Mounting Type - Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package	Speed	8MHz
Number of I/O Program Memory Size  8KB (8K x 8) Program Memory Type FLASH  EEPROM Size - RAM Size  Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V  Data Converters A/D 10x10b  Oscillator Type Internal Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type - Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package	Connectivity	SCI, SPI
Program Memory Size 8KB (8K x 8)  Program Memory Type FLASH  EEPROM Size -  RAM Size 384 x 8  Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V  Data Converters A/D 10x10b  Oscillator Type Internal  Operating Temperature -40°C ~ 85°C (TA)  Mounting Type -  Package / Case 28-SOIC (0.295", 7.50mm Width)  Supplier Device Package	Peripherals	LVD, POR, PWM
Program Memory Type FLASH  EEPROM Size -  RAM Size 384 x 8  Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V  Data Converters A/D 10x10b  Oscillator Type Internal  Operating Temperature -40°C ~ 85°C (TA)  Mounting Type -  Package / Case 28-SOIC (0.295", 7.50mm Width)  Supplier Device Package	Number of I/O	24
EEPROM Size - 384 x 8  Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V  Data Converters A/D 10x10b  Oscillator Type Internal  Operating Temperature -40°C ~ 85°C (TA)  Mounting Type - Package / Case 28-SOIC (0.295", 7.50mm Width)  Supplier Device Package 28-SOIC	Program Memory Size	8KB (8K x 8)
RAM Size 384 x 8  Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V  Data Converters A/D 10x10b  Oscillator Type Internal  Operating Temperature -40°C ~ 85°C (TA)  Mounting Type -  Package / Case 28-SOIC (0.295", 7.50mm Width)  Supplier Device Package 28-SOIC	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)  Data Converters  A/D 10x10b  Oscillator Type  Internal  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  - Package / Case  28-SOIC (0.295", 7.50mm Width)  Supplier Device Package	EEPROM Size	-
Data Converters  A/D 10x10b  Oscillator Type Internal Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  - Package / Case  28-SOIC (0.295", 7.50mm Width)  Supplier Device Package  28-SOIC	RAM Size	384 x 8
Oscillator Type  Internal  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  - Package / Case  28-SOIC (0.295", 7.50mm Width)  Supplier Device Package  28-SOIC	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Operating Temperature -40°C ~ 85°C (TA)  Mounting Type - Package / Case 28-SOIC (0.295", 7.50mm Width)  Supplier Device Package 28-SOIC	Data Converters	A/D 10x10b
Mounting Type - Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	Oscillator Type	Internal
Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 28-SOIC	Mounting Type	-
	Package / Case	28-SOIC (0.295", 7.50mm Width)
Report errors?	Supplier Device Package	28-SOIC
1		Report errors?

### MC908QC8CDZE Guarantees



### **Quality Guarantees**

We provide 90 days warranty. \*

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We guarantee 100% customer satisfaction.

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### MC908QC8CDZE Payment Methods



















## MC908QC8CDZE Shipping Methods













If you have any question about MC908QC8CDZE, please do not hesitate to contact us!

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