

MC68HC908QT4MPE

MC68HC908QT4MPE Information



Part Number	MC68HC908QT4MPE	
Manufacturer	NXP	
Category	Integrated Circuits (ICs) Embedded - Microcontrollers	
Description	IC MCU 8BIT 4KB FLASH 8DIP	
Package	8-DIP (0.300", 7.62mm)	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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MC68HC908QT4MPE Specifications

Manufacturer Part Number MC68HC908QT4MPE Manufacturer NXP Category Integrated Circuits (ICs) Embedded - Microcontrollers Embedded - Microcontrollers Package 8-DIP (0.300", 7.62mm) Stries HC08 Core Processor HC08 Core Size 8-Bit Speed 8MHz Connectivity - Peripherals LVD, POR, PWM Number of I/O 5 Program Memory Size 4KB (4K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 4x8b Oscillator Type Internal Quertaing Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case S-DIP (0.300", 7.62mm)		
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage8-DIP (0.300", 7.62mm)PackageHC08Core ProcessorHC08Core Size8-BitSpeed8MHzConnectivity-Connectivity-PreipheralsLVD, POR, PWMNumber of I/O5Program Memory Size4KB (4K x 8)PEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersAID 4x8bOscillator TypeInternalOperating Temperature-Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP (0.300", 7.62mm)	Manufacturer Part Number	MC68HC908QT4MPE
PackageEnhedded - MicrocontrollersPackage8-DIP (0.300", 7.62mm)SeriesHC08Core ProcessorHC08Core Size8-BitSpeed8MHzConnectivity-PeripheralsLVD, POR, PWMNumber of I/O5Program Memory Size4KB (4K x 8)PETPOM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersA/D 4x8bOscillator TypeInternalOperating Temperature440°C ~ 125°C (TA)Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP	Manufacturer	NXP
Package8-DIP (0.300", 7.62mm)SeriesHC08Core ProcessorHC08Core Size8-BitSpeed8MHzConnectivity-PeripheralsLVD, POR, PWMNumber of I/O5Porgram Memory Size4KB (4K x 8)PerPMemory Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)A/D 4x8bOscillator TypeInternalOperating Temperature4/O°C ~ 125°C (TA)Mounting Type8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP (0.300", 7.62mm)	Category	Integrated Circuits (ICs)
YereHC08Core ProcessorHC08Core Size8-BitSpeed8MHzConnectivity-Connectivity-PeripheralsLVD, POR, PWMNumber of I/O5Program Memory Size4KB (4K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)A/D 4x8bOscillator TypeInternalOperating Temperature-Audo Case-Program Size-Start Size-Start Size-Data ConvertersA/D 4x8bOperating Temperature-Audor Type-Program Size-Start Size-Start Size-Start Size-Data ConvertersA/D 4x8bOperating Temperature-Audor Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP		Embedded - Microcontrollers
Core ProcessorHC08Core Size8-BitSpeed8MHzConnectivity-ConnectivityConnectivityPreipheralsLVD, POR, PWMNumber of I/O5Program Memory Size4KB (4K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersADD 4x8bOscillator Type-Mounting Type-Prokage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	Package	8-DIP (0.300", 7.62mm)
Core Size8-BitSpeed8MHzConnectivity-PeripheralsLVD, POR, PWMNumber of I/O5Program Memory Size4KB (4K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersAD4 4x8bOscillator Type-Munting Type-Presenting Temperature-Auoriting Type-Supplier Device Package8-DIP(0300", 7.62mm)	Series	HC08
Speed8MHzConnectivity-Connectivity-PeripheralsLVD, POR, PWMNumber of I/O5Program Memory Size4KB (4K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersMerenalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case8-DIP (0.300", 7.62mm)	Core Processor	HC08
Connectivity-PeripheralsLVD, POR, PWMNumber of I/O5Program Memory Size4KB (4K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersAMD 4x8bOscillator Type-40°C ~ 125°C (TA)Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	Core Size	8-Bit
Peripherals LVD, POR, PWM Number of I/O 5 Program Memory Size 4KB (4K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 4x8b Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 8-DIP (0.300", 7.62mm)	Speed	8MHz
Number of I/O 5 Program Memory Size 4KB (4K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 4x8b Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 8-DIP (0.300", 7.62mm)	Connectivity	-
Program Memory Size4KB (4K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersA/D 4x8bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	Peripherals	LVD, POR, PWM
Program Memory TypeFLASHEEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vd)2.7 V ~ 5.5 VData ConvertersA/D 4x8bOscillator TypeInternalOperating Temperature-Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	Number of I/O	5
EEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vd)2.7 V ~ 5.5 VData ConvertersA/D 4x8bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	Program Memory Size	4KB (4K x 8)
RAM Size128 x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersA/D 4x8bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersA/D 4x8bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	EEPROM Size	-
Data ConvertersA/D 4x8bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	RAM Size	128 x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP	Data Converters	A/D 4x8b
Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	Oscillator Type	Internal
Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package 8-PDIP	Mounting Type	-
	Package / Case	8-DIP (0.300", 7.62mm)
Report errors?	Supplier Device Package	8-PDIP
		Report errors?

MC68HC908QT4MPE Guarantees



Quality Guarantees

We provide 90 days warranty. * If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

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Service Guarantees

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