

8-bit Microcontrollers - MCU CI 908QY4A SOG

Manufacturers	<u><a href="#">NXP Semiconductor</a></u>
Package/Case	TSSOP-16
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC908QY4ACDTE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

MC908QY4ACDTE is a microcontroller unit (MCU) developed by NXP Semiconductors (formerly known as Freescale Semiconductor). It belongs to the 8-bit MC9S08QY family and is designed to provide a cost-effective solution for applications that require low power consumption and small package size.

## Features

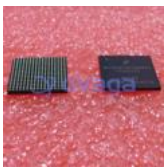
- 8-bit HCS08 CPU core
- 4KB Flash memory
- 256 Bytes RAM
- Operating voltage: 1.8V to 3.6V
- 16 MHz internal clock
- 16-bit Timer/Pulse Width Modulator (TPM)
- 8-channel 10-bit analog-to-digital converter (ADC)
- 8-bit PWM output
- Low-power stop and wait modes
- I2C, SCI, SPI communication interfaces

## Application

- Battery-powered devices
- Home appliances
- Industrial control systems
- Medical devices
- Motor control systems
- Security systems

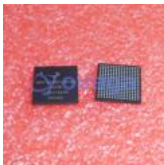


## Related Products



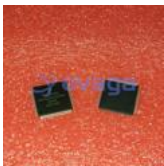
### [MCIMX6Y2CVM08AA](#)

NXP Semiconductor  
MAPBGA-289



### [MCF5253CVM140](#)

NXP Semiconductor  
BGA-225



### [MCF52223CAF80](#)

NXP Semiconductor  
100-LQFP



### [MC9S12DG128MFUE](#)

NXP Semiconductor  
QFP-80



### [MC68302CEH20C](#)

NXP Semiconductor  
PQFP-132



### [MC68332ACEH20](#)

NXP Semiconductor  
QFP132



### [MC9S12DP512VPVE](#)

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LQFP-112



### [MC9S08GT8AMFBE](#)

NXP Semiconductor  
QFP-44