

Microcontrollers, Microcontrollers (MCU) CI 908QY4A SOG

Manufacturers	NXP Semiconductor
Package/Case	DIP16
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC908QY2ACPE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC908QY2ACPE is a microcontroller from the Freescale (now NXP Semiconductors) MC9S08QD4 family, which is based on the 8-bit HCS08 architecture. It is a low-cost, high-performance microcontroller that is suitable for a wide range of embedded applications.

Features

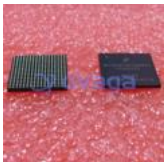
- 8-bit HCS08 CPU core running at up to 20 MHz clock frequency
- 4 KB Flash memory and 256 bytes of RAM
- 8-channel 10-bit ADC and two 16-bit timers
- UART, SPI, and I2C interfaces
- 32 general-purpose I/O pins
- Low power consumption
- Small package size (16-pin PDIP)

Application

- Industrial control systems
- Home automation
- Security systems
- Medical devices
- Automotive electronics
- Consumer electronics



Related Products



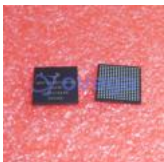
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



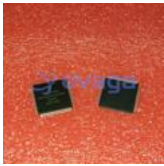
[MCF5253CVM140](#)

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BGA-225



[MC68332ACEH20](#)

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QFP132



[MC9S12DP512VPVE](#)

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100-LQFP



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LQFP-112



[MC9S12DG128MFUE](#)

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QFP-80



[MC9S08GT8AMFBE](#)

NXP Semiconductor
QFP-44