

8 Bit MCU, HC08 Family HC08Q Series Microcontrollers, 8 MHz, 4 KB, 128 Byte, 16 Pins, DIP

Manufacturers	NXP Semiconductor
Package/Case	PDIP-16
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC68HC908QY4CPE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC68HC908QY4CPE is a microcontroller from the HC08 family, developed by Freescale (now NXP Semiconductors). This microcontroller has the following features:

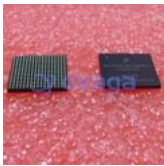
Features

- 8-bit CPU core
- 4 KB of flash memory for program storage
- 256 bytes of RAM for data storage
- 16-bit timer system
- 8-bit pulse width modulator (PWM)
- 8-channel analog-to-digital converter (ADC)
- Serial communication interfaces (SCI and SPI)
- Up to 20 general-purpose input/output (GPIO) pins
- Low-power modes for battery-powered applications

Application

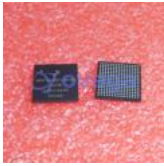
- Industrial control systems
- Automotive electronics
- Consumer electronics
- Medical devices
- Security systems

Related Products



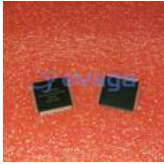
[MCIMX6Y2CVM08AA](#)

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](#)

NXP Semiconductor
LQFP-112



[MC9S08GT8AMFBE](#)

NXP Semiconductor
QFP-44