

8 BIT MCU WITH 32K FLASH, Microcontrollers (MCU) 8 BIT MCU 32K FLASH

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	48-LQFP
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC908GZ32VFAE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

MC908GZ32VFAE is a microcontroller unit (MCU) developed by NXP Semiconductors (formerly known as Freescale Semiconductor). It belongs to the 8-bit MC9S08 family of MCUs and is based on the HCS08 core.

### Features

32 KB Flash memory

2 KB RAM

8 MHz internal bus frequency

10-bit ADC with 8 channels

Two 16-bit timer/PWM modules

SCI (serial communication interface) and SPI (serial peripheral interface)

38 general-purpose I/O pins

Low-power modes for energy-efficient operation

### Application

Industrial control systems

Motor control

Lighting control

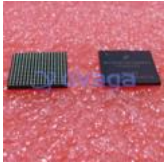
Home appliances

Security systems

Automotive applications (e.g. body electronics, HVAC control, and engine management)

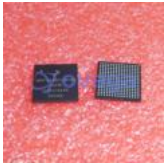


## Related Products



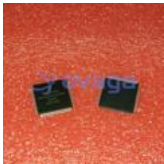
### [MCIMX6Y2CVM08AA](#)

NXP Semiconductor  
MAPBGA-289



### [MCF5253CVM140](#)

NXP Semiconductor  
BGA-225



### [MCF52223CAF80](#)

NXP Semiconductor  
100-LQFP



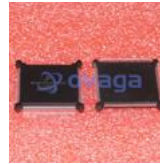
### [MC9S12DG128MFUE](#)

NXP Semiconductor  
QFP-80



### [MC68302CEH20C](#)

NXP Semiconductor  
PQFP-132



### [MC68332ACEH20](#)

NXP Semiconductor  
QFP132



### [MC9S12DP512VPVE](#)

NXP Semiconductor  
LQFP-112



### [MC9S08GT8AMFBE](#)

NXP Semiconductor  
QFP-44