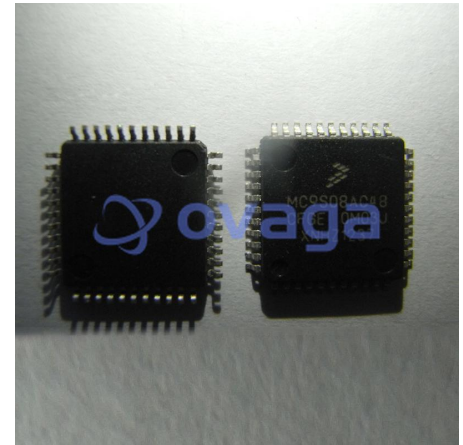


8 Bit MCU, S08 Family S08AC Series Microcontrollers, 40 MHz, 48 KB, 2 KB, 44 Pins, LQFP

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	LQFP-44
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC9S08AC48CFGE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

MC9S08AC48CFGE is a microcontroller from the MC9S08AC family, which is a 8-bit microcontroller based on the HCS08 core. This microcontroller is produced by NXP Semiconductors.

### Features

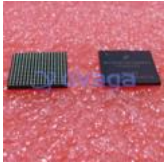
- 48KB flash memory
- 2KB RAM
- 2KB EEPROM
- 16-bit timer module
- 10-bit ADC
- SPI, I2C, and SCI communication interfaces
- 48 general-purpose I/O pins
- Low-power consumption

### Application

- Industrial control systems
- Consumer electronics
- Medical devices
- Automotive systems
- Building automation
- Security systems
- Smart energy



## Related Products



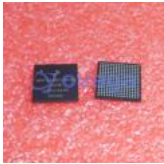
### [MCIMX6Y2CVM08AA](#)

NXP Semiconductor  
MAPBGA-289



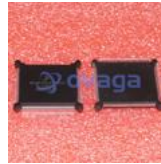
### [MC68302CEH20C](#)

NXP Semiconductor  
PQFP-132



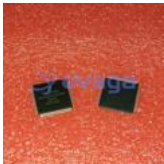
### [MCF5253CVM140](#)

NXP Semiconductor  
BGA-225



### [MC68332ACEH20](#)

NXP Semiconductor  
QFP132



### [MCF52223CAF80](#)

NXP Semiconductor  
100-LQFP



### [MC9S12DP512VPVE](#)

NXP Semiconductor  
LQFP-112



### [MC9S12DG128MFUE](#)

NXP Semiconductor  
QFP-80



### [MC9S08GT8AMFBE](#)

NXP Semiconductor  
QFP-44