

8 Bit MCU, General Purpose SH Series Series, S08 Family S08SH Series Microcontrollers, 40 MHz, 8 KB

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	DIP-20
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC9S08SH8CPJ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

MC9S08SH8CPJ is a microcontroller from NXP Semiconductors, which is now part of the Texas Instruments family. This microcontroller is based on the S08 core architecture and is part of the MC9S08 family of microcontrollers.

### Features

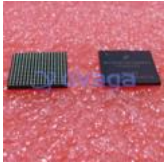
- 8-bit S08 core
- 8KB of flash memory
- 512 bytes of RAM
- 20 MHz CPU speed
- 10-bit ADC with 12 channels
- I2C, SPI, and UART communication interfaces
- 27 GPIO pins
- On-chip debugging and programming capabilities

### Application

- Automotive systems
- Industrial control systems
- Consumer electronics
- Medical devices
- Home appliances



## Related Products



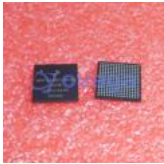
### [MCIMX6Y2CVM08AA](#)

NXP Semiconductor  
MAPBGA-289



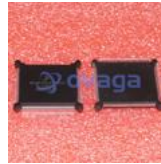
### [MC68302CEH20C](#)

NXP Semiconductor  
PQFP-132



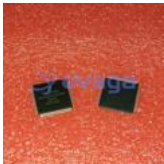
### [MCF5253CVM140](#)

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