

8 Bit MCU, S08 Family S08FL Series Microcontrollers, 20 MHz, 8 KB, 768 Byte, 32 Pins, LQFP

Manufacturers	NXP Semiconductor
Package/Case	32-LQFP
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC9S08FL8CLC or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC9S08FL8CLC is a microcontroller from the Freescale (now NXP) S08 family. It is an 8-bit microcontroller with a 64KB flash memory, 2KB RAM, and operates at a maximum frequency of 20MHz.

Features

- 64KB flash memory and 2KB RAM
- 20MHz maximum frequency
- 8-bit S08 core architecture
- 16-channel 10-bit ADC
- Two 8-bit PWM timers
- Two UARTs
- Two SPIs
- I2C interface
- Operating voltage range: 2.7V to 5.5V

Application

- Industrial automation and control systems
- Automotive electronics
- Consumer electronics
- Medical devices
- Security systems
- Smart energy meters
- Home appliances



Related Products



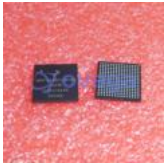
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



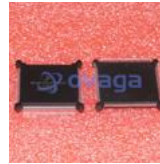
[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



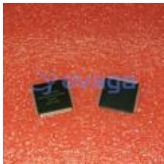
[MCF5253CVM140](#)

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