

8 Bit MCU, QE Series, S08 Family S08QE Series Microcontrollers, 50.33 MHz, 16 KB, 1 KB, 32 Pins

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



Images are for reference only

Please submit RFQ for MC9S08QE16CLC or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC9S08QE16CLC is a microcontroller unit (MCU) from the S08QE family of 8-bit MCUs manufactured by NXP Semiconductors (formerly Freescale Semiconductor). Here are some of its features:

Features

- 16 KB flash memory and 512 bytes of EEPROM
- 1 KB of RAM
- 16 MHz bus frequency
- 12-channel 10-bit analog-to-digital converter (ADC)
- 1x SCI, 1x SPI, and 1x I2C communication interfaces
- 2x 16-bit timer/PWM modules
- 32 GPIO pins

Application

- Consumer electronics: remote controls, toys, and home appliances.
- Industrial control: motor control, sensors, and actuators.
- Automotive: body control modules, dashboard displays, and engine management systems.



Related Products



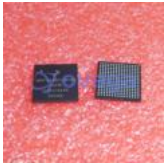
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
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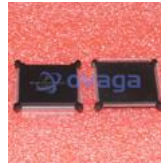
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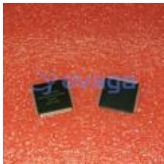
[MCF5253CVM140](#)

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100-LQFP



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