

9S08 UC W/ 8K 0.25UM SGF, Microcontrollers (MCU) 9S08 UC W/ 8K 0.25UM SGF

Manufacturers	NXP Semiconductor
Package/Case	TSSOP-16
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC9S08SH8CTGR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC9S08SH8CTGR is a microcontroller from NXP Semiconductors. It is a member of the MC9S08 family of 8-bit microcontrollers and is designed for use in embedded systems.

Features

- 8-bit S08 CPU core
- Up to 8 KB flash memory
- Up to 512 bytes RAM
- Up to 20 MHz CPU clock speed
- 12-channel, 12-bit ADC
- Two 16-bit timer/pulse-width modulators (TPM)
- I2C, SPI, and SCI serial interfaces
- Up to 38 general-purpose input/output (GPIO) pins
- Operating voltage range: 2.7V to 5.5V
- Temperature range: -40°C to 85°C

Application

- Motor control
- Sensor interfaces
- Human-machine interfaces
- Home automation
- Lighting control
- Smart meters



Related Products



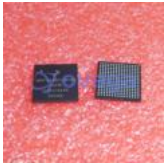
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



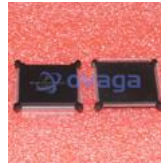
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NXP Semiconductor
PQFP-132



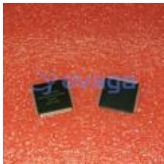
[MCF5253CVM140](#)

NXP Semiconductor
BGA-225



[MC68332ACEH20](#)

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QFP132



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100-LQFP



[MC9S12DP512VPVE](#)

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QFP-44