

128K FLASH, 8K RAM, Microcontrollers (MCU) 8 Bit 128K FLASH 8K RAM

Manufacturers	NXP Semiconductor
Package/Case	LQFP-80
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC9S08AC128CFGE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC9S08AC128CFGE is a microcontroller from the S08 family of microcontrollers produced by NXP Semiconductors.

Features

- 8-bit CPU core running at a maximum frequency of 20 MHz
- 128 KB flash memory
- 4 KB RAM
- 16-bit timer and 8-bit PWM timer
- Analog-to-digital converter (ADC)
- Universal asynchronous receiver/transmitter (UART)
- Inter-integrated circuit (I2C)
- Serial peripheral interface (SPI)
- Multiple low-power modes
- 48 general-purpose input/output (GPIO) pins

Application

- Industrial control systems
- Automotive control systems
- Consumer electronics
- Medical equipment
- Smart meters
- Robotics
- Home automation systems



Related Products



[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



[MCF5253CVM140](#)

NXP Semiconductor
BGA-225



[MCF52223CAF80](#)

NXP Semiconductor
100-LQFP



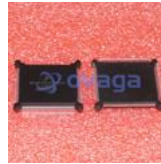
[MC9S12DG128MFUE](#)

NXP Semiconductor
QFP-80



[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



[MC68332ACEH20](#)

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QFP132



[MC9S12DP512VPVE](#)

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LQFP-112



[MC9S08GT8AMFBE](#)

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QFP-44