

8 Bit MCU, S08 Family S08AC Series Microcontrollers, 40 MHz, 128 KB, 8 KB, 80 Pins, LQFP

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	LQFP-80
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC9S08AC128CLKE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

MC9S08AC128CLKE is a microcontroller unit (MCU) from the MC9S08AC128 series produced by NXP Semiconductors. It is an 8-bit microcontroller based on the HCS08 core and designed for low-power applications.

## Features

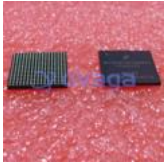
- 128 KB flash memory
- 4 KB RAM
- 16 MHz bus speed
- 50 GPIO pins
- 12-bit analog-to-digital converter (ADC)
- 2-channel buffered serial communication interface (SCI)
- 2-channel I2C interface
- 3-channel timer/pulse-width modulation (PWM) module
- Low-power modes
- Operating voltage range of 2.7V to 5.5V

## Application

- Industrial control and automation
- Medical equipment
- Consumer electronics
- Security and access control
- Home appliances
- Automotive systems

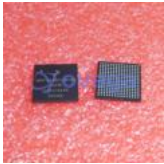


## Related Products



### [MCIMX6Y2CVM08AA](#)

NXP Semiconductor  
MAPBGA-289



### [MCF5253CVM140](#)

NXP Semiconductor  
BGA-225



### [MCF52223CAF80](#)

NXP Semiconductor  
100-LQFP



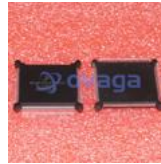
### [MC9S12DG128MFUE](#)

NXP Semiconductor  
QFP-80



### [MC68302CEH20C](#)

NXP Semiconductor  
PQFP-132



### [MC68332ACEH20](#)

NXP Semiconductor  
QFP132



### [MC9S12DP512VPVE](#)

NXP Semiconductor  
LQFP-112



### [MC9S08GT8AMFBE](#)

NXP Semiconductor  
QFP-44