

8 Bit MCU, S08 Family S08AC Series Microcontrollers, 40 MHz, 60 KB, 2 KB, 64 Pins, QFP

Manufacturers	<u>NXP Semiconductor</u>
Package/Case	LQFP44
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MC9S08AC60CFUE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.



General Description

MC9S08AC60CFUE is a microcontroller unit (MCU) manufactured by NXP Semiconductors. It belongs to the MC9S08AC60 series of microcontrollers, which are based on the 8-bit S08 core.

Features

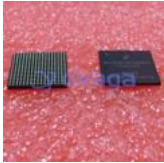
- CPU frequency of up to 48 MHz
- 60 KB flash memory
- 4 KB RAM
- 16-channel 12-bit ADC
- 2-channel 12-bit DAC
- 2 UARTs, 2 SPIs, and 2 I2C interfaces
- 40 general-purpose I/O pins
- Operating voltage range of 2.7V to 5.5V
- Low power consumption modes
- Supports in-system programming and debugging

Application

- Motor control
- LED lighting control
- HVAC systems
- Portable medical devices
- Security systems
- Gaming controllers

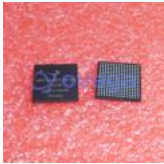


Related Products



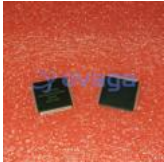
[MCIMX6Y2CVM08AA](#)

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](#)

NXP Semiconductor
QFP-44