

8 BIT 16K FLASH 4K RAM, Microcontrollers (MCU) 8B 16K FLASH 4K RAM

Manufacturers	<u>NXP Semiconductor</u>
Package/Case	LQFP-44
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MC9S08AC16CFGE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

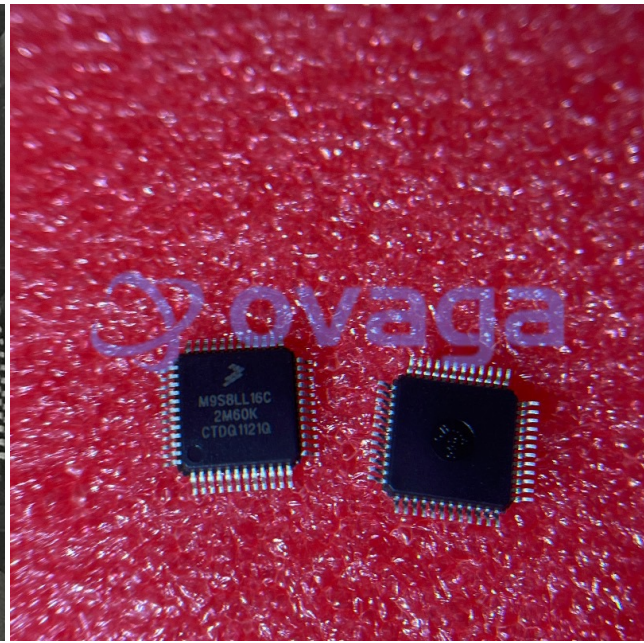
MC9S08AC16CFGE is a microcontroller from the MC9S08AC family, which is a series of 8-bit microcontrollers designed and manufactured by NXP Semiconductors (formerly Freescale Semiconductor). The MC9S08AC16CFGE is a member of this family with specific features and capabilities.

Features

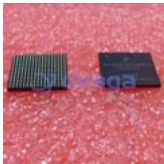
- 16KB flash memory
- 768B RAM
- 2KB EEPROM
- 16-bit Timer
- 10-bit ADC
- SPI, I2C, SCI communication interfaces
- 2-channel PWM
- 27 general-purpose I/O pins
- Operating voltage range: 2.7V to 5.5V
- Operating temperature range: -40°C to 85°C

Application

- Automotive applications
- Industrial control systems
- Motor control systems
- Medical devices
- Smart home appliances
- Consumer electronics
- Gaming peripherals



Related Products



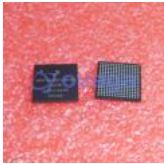
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



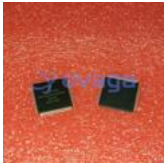
[MCF5253CVM140](#)

NXP Semiconductor
BGA-225



[MC68332ACEH20](#)

NXP Semiconductor
QFP132



[MCF52223CAF80](#)

NXP Semiconductor
100-LQFP



[MC9S12DP512VPVE](#)

NXP Semiconductor
LQFP-112



[MC9S12DG128MFUE](#)

NXP Semiconductor
QFP-80



[MC9S08GT8AMFBE](#)

NXP Semiconductor
QFP-44