

8 Bit MCU, S08 Family S08GT Series Microcontrollers, 40 MHz, 60 KB, 4 KB, 48 Pins, QFN

|               |                                   |
|---------------|-----------------------------------|
| Manufacturers | <a href="#">NXP Semiconductor</a> |
| Package/Case  | QFN-48                            |
| Product Type  | Embedded Processors & Controllers |
| RoHS          | Rohs                              |
| Lifecycle     |                                   |



Images are for reference only

Please submit RFQ for MC9S08GT60ACFDE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

MC9S08GT60ACFDE is a microcontroller from NXP Semiconductors (formerly Freescale Semiconductor) that belongs to the MC9S08 family of 8-bit microcontrollers.

## Features

- CPU: 8-bit HCS08 core
- Operating frequency: up to 40 MHz
- Flash memory: 60 KB
- RAM: 4 KB
- Timers: 2x 16-bit, 1x 8-bit
- Analog-to-digital converter (ADC): 16 channels, 10-bit resolution
- Communication interfaces: UART, SPI, I2C
- Input/output ports: 55 general-purpose I/O pins
- Operating voltage range: 2.7 V to 5.5 V

## Application

- MC9S08GT60ACFDE (NXP Semiconductors)
- MC9S08GT60ACFDEE (NXP Semiconductors)
- MC9S08GT60ACFDER (NXP Semiconductors)
- MC9S08GT60ACFDEE (NXP Semiconductors)
- MC9S08GT60ACFDEE (NXP Semiconductors)
- MC9S08GT60ACFDEE (NXP Semiconductors)
- MC9S08GT60ACFDEE (NXP Semiconductors)
- MC9S08GT60ACFDEE (NXP Semiconductors)



## Related Products



### [MCIMX6Y2CVM08AA](#)

NXP Semiconductor  
MAPBGA-289



### [MCF5253CVM140](#)

NXP Semiconductor  
BGA-225



### [MCF52223CAF80](#)

NXP Semiconductor  
100-LQFP



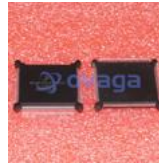
### [MC9S12DG128MFUE](#)

NXP Semiconductor  
QFP-80



### [MC68302CEH20C](#)

NXP Semiconductor  
PQFP-132



### [MC68332ACEH20](#)

NXP Semiconductor  
QFP132



### [MC9S12DP512VPVE](#)

NXP Semiconductor  
LQFP-112



### [MC9S08GT8AMFBE](#)

NXP Semiconductor  
QFP-44