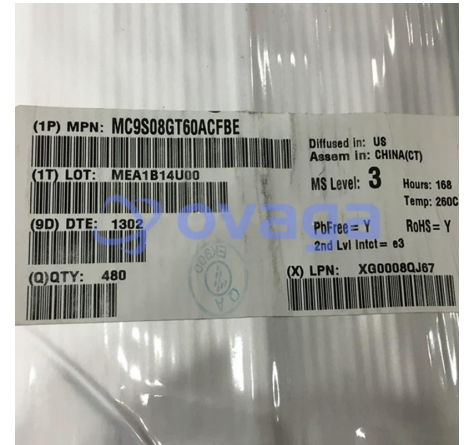


8 Bit MCU, S08 Family S08GT Series Microcontrollers, 20 MHz, 60 KB, 4 KB, 44 Pins, QFP

Manufacturers	NXP Semiconductor
Package/Case	QFP-44
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC9S08GT60ACFBE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.



General Description

MC9S08GT60ACFBE is a microcontroller from the MC9S08GT60A family, manufactured by NXP Semiconductors (formerly Freescale Semiconductor). It is an 8-bit microcontroller with a powerful 60 MHz CPU core, featuring 60 KB of flash memory and 4 KB of RAM.

Features

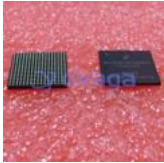
- 60 MHz HCS08 CPU core with enhanced multiply-accumulate (eMAC) unit
- 60 KB on-chip flash memory with byte-by-byte programming
- 4 KB of RAM
- 16-bit timer module with up to 6 channels
- 12-bit ADC module with up to 26 channels
- I2C, SPI, SCI, and CAN communication interfaces
- Low power consumption
- Operating voltage range of 2.7V to 5.5V

Application

- Automotive systems (engine management, body control, HVAC, etc.)
- Industrial control systems
- Medical devices
- Consumer electronics
- Communication equipment
- Power management systems



Related Products



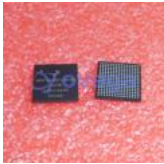
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



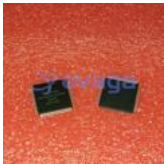
[MCF5253CVM140](#)

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