

8 BIT 8K FLASH 1K RAM, Microcontrollers (MCU) 8 BIT 8K FLASH 1K RAM

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



Images are for reference only

Please submit RFQ for MC9S08GT8AMFBE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC9S08GT8AMFBE is a microcontroller from the MC9S08GT8A family, produced by NXP Semiconductors. It is an 8-bit microcontroller with a high-performance HCS08 core, which operates at a maximum frequency of 40 MHz. It features 8KB of flash memory, 512 bytes of RAM, and 16 input/output pins.

Features

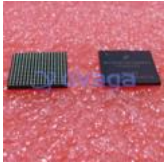
- HCS08 CPU core
- 8KB of flash memory and 512 bytes of RAM
- 16 input/output pins
- UART, SPI, and I2C interfaces
- 10-bit analog-to-digital converter
- Timers and interrupts
- Low-power consumption modes
- Operating temperature range of -40°C to 85°C

Application

- Automotive applications (such as motor control and lighting systems)
- Industrial control and automation
- Home appliances and consumer electronics
- Medical devices
- Security systems
- Gaming and entertainment devices

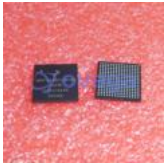


Related Products



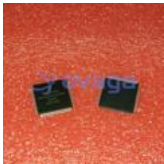
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



[MCF5253CVM140](#)

NXP Semiconductor
BGA-225



[MCF52223CAF80](#)

NXP Semiconductor
100-LQFP



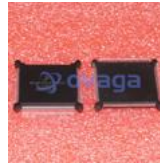
[MC9S12DG128MFUE](#)

NXP Semiconductor
QFP-80



[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



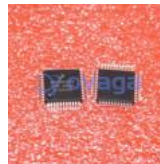
[MC68332ACEH20](#)

NXP Semiconductor
QFP132



[MC9S12DP512VPVE](#)

NXP Semiconductor
LQFP-112



[MC9S08GT8ACFBE](#)

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QFP44