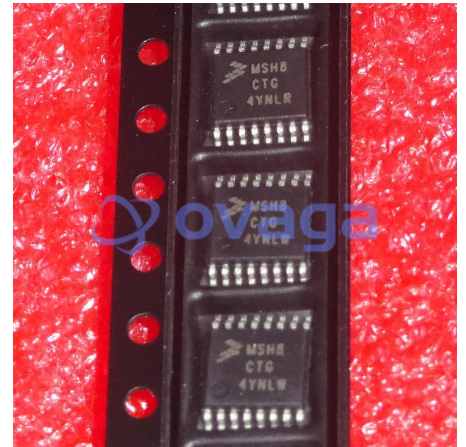


8 Bit MCU, General Purpose SH Series Series, S08 Family S08SH Series Microcontrollers, 40 MHz, 8 KB

Manufacturers	<u>NXP Semiconductor</u>
Package/Case	TSSOP-16
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC9S08SH8CTG or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

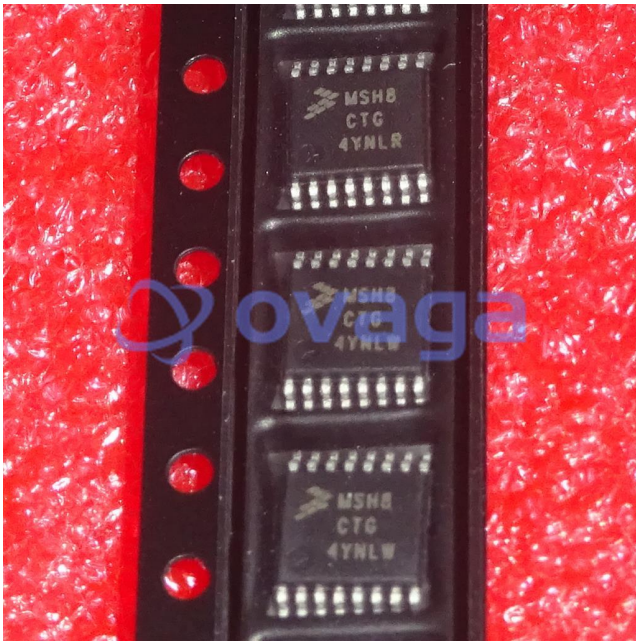


General Description

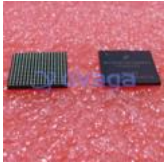
MC9S08SH8CTG is a microcontroller unit (MCU) developed by NXP Semiconductors. It is part of the S08 family of MCUs and is based on a 8-bit HCS08 core.

Features

- Operating frequency up to 40 MHz
- 8 KB flash memory and 512 bytes of RAM
- 12-bit analog-to-digital converter (ADC) with 8 channels
- Timers and PWM (pulse-width modulation) outputs
- Multiple communication interfaces including UART, SPI, and I2C
- Low-power modes for energy efficiency

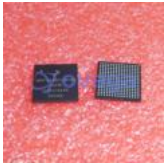


Related Products



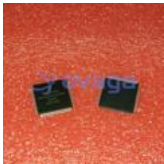
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



[MCF5253CVM140](#)

NXP Semiconductor
BGA-225



[MCF52223CAF80](#)

NXP Semiconductor
100-LQFP



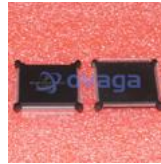
[MC9S12DG128MFUE](#)

NXP Semiconductor
QFP-80



[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



[MC68332ACEH20](#)

NXP Semiconductor
QFP132



[MC9S12DP512VPVE](#)

NXP Semiconductor
LQFP-112



[MC9S08GT8AMFBE](#)

NXP Semiconductor
QFP-44