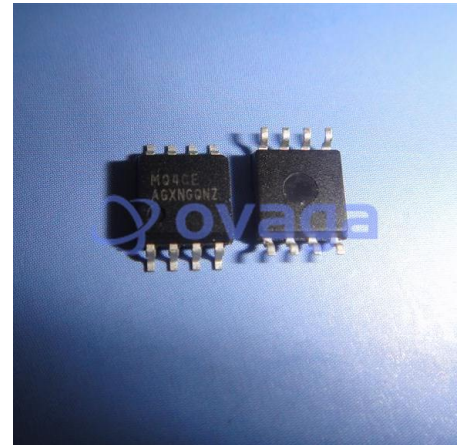


8 Bit MCU, HC08 Family HC08Q Series Microcontrollers, 8 MHz, 4 KB, 128 Byte, 8 Pins, SOIC

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	SOP8
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MCHC908QT4CDWE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

MCHC908QT4CDWE is a microcontroller manufactured by NXP Semiconductors. It belongs to the 8-bit MCHC908Q family and features an 8-bit S08 central processing unit (CPU). Here are some of its key features:

### Features

Operating voltage range: 2.7 V to 5.5 V

Flash memory: 4 KB

RAM: 256 bytes

Timers: two 16-bit timer/pulse width modulator (TPM) modules

Communication interfaces: two universal asynchronous receiver/transmitter (UART) modules and a serial peripheral interface (SPI)

Analog-to-digital converter (ADC): 10-bit, 4-channel

Operating temperature range: -40 °C to 85 °C

### Application

Motor control

Home automation

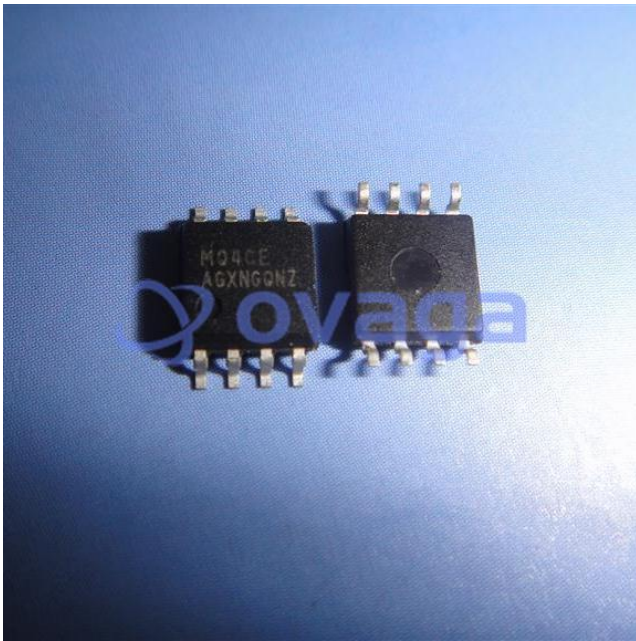
Lighting control

Remote control systems

Sensor networks

Smart meters

White goods



## Related Products



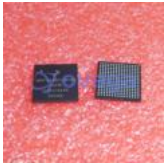
### [MCIMX6Y2CVM08AA](#)

NXP Semiconductor  
MAPBGA-289



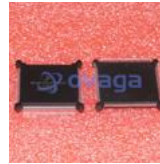
### [MC68302CEH20C](#)

NXP Semiconductor  
PQFP-132



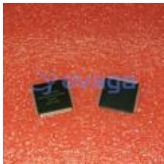
### [MCF5253CVM140](#)

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