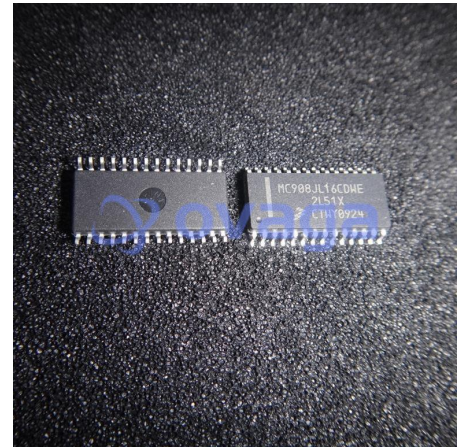


MICROCONTROLLER MCU, 8 BIT, HC08, 8MHZ Controller Family/Series:HC08, CPU Speed:8MHz, Program Memory Size:16KB, RAM Memory Size:512Byte, Embedded Interface Type:I2C, SCI

| | |
|---------------|-----------------------------------|
| Manufacturers | NXP Semiconductor |
| Package/Case | SOIC-28 |
| Product Type | Embedded Processors & Controllers |
| RoHS | Rohs |
| Lifecycle | |



Images are for reference only

Please submit RFQ for MC908JL16CDWE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

RFQ

General Description

MC908JL16CDWE is a microcontroller from the Freescale Semiconductor (now NXP Semiconductors) MC9S08 family. It is an 8-bit microcontroller with an integrated flash memory and a range of peripherals.

Features

16 MHz CPU frequency

16 KB of flash memory

1 KB of RAM

8-channel 10-bit ADC

2-channel 16-bit timer

2-channel UART

SPI interface

I2C interface

37 GPIO pins

Operating voltage range of 2.7V to 5.5V

Application

Motor control

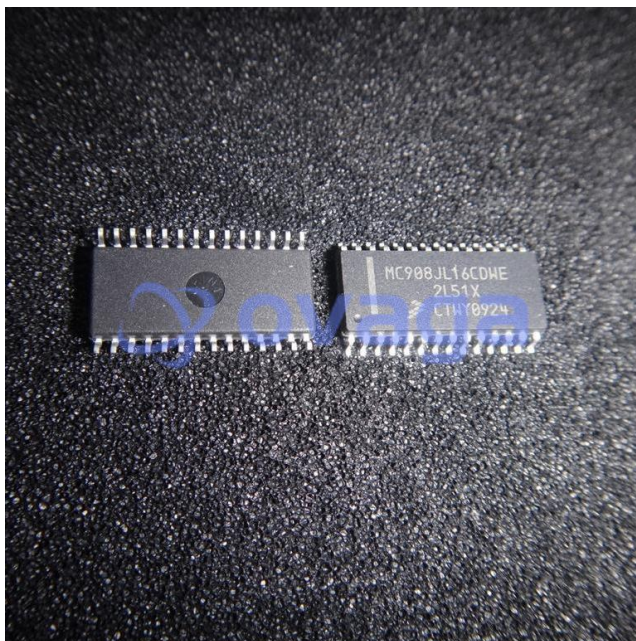
LED lighting control

Home automation systems

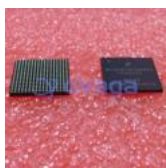
Remote control systems

Sensor interfaces

Smart card readers

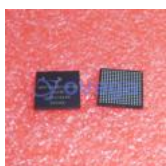


Related Products



[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



[MCF5253CVM140](#)

NXP Semiconductor
BGA-225



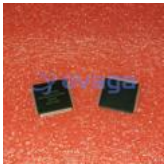
[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



[MC68332ACEH20](#)

NXP Semiconductor
QFP132



[MCF52223CAF80](#)

NXP Semiconductor
100-LQFP



[MC9S12DP512VPVE](#)

NXP Semiconductor
LQFP-112



[MC9S12DG128MFUE](#)

NXP Semiconductor
QFP-80



[MC9S08GT8AMFBE](#)

NXP Semiconductor
QFP-44