

MCU 16-bit HCS12 CISC 64KB Flash 2.5V/5V Automotive 80-Pin QFP Tray

Manufacturers	<u>NXP Semiconductor</u>
Package/Case	QFP-80
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC9S12D64MFUE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

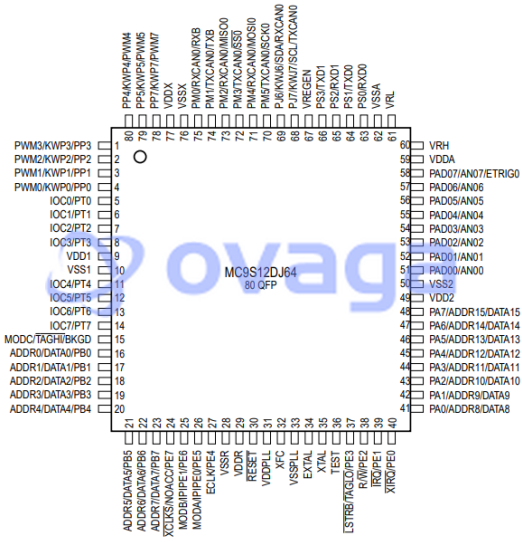
MC9S12D64MFUE is a microcontroller unit (MCU) produced by NXP Semiconductors. Here are some details about its features and applications:

Features

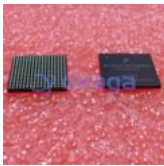
- 16-bit HCS12 CPU core
- 64 KB of on-chip flash memory
- 2 KB of RAM
- Multiple communication interfaces including SPI, SCI, and I2C
- 8-channel 10-bit ADC
- PWM module for motor control and other applications
- Low-power operation modes
- Operating temperature range of -40°C to 125°C

Application

- Automotive applications such as engine management systems, dashboard displays, and body control modules
- Industrial control systems
- Medical devices
- Consumer electronics

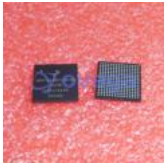


Related Products



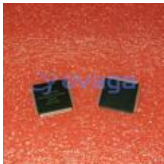
[MCIMX6Y2CVM08AA](#)

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MAPBGA-289



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BGA-225



[MCF52223CAF80](#)

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100-LQFP



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QFP-44