

Microcontrollers (MCU) 16 Bit 25MHz

Manufacturers	NXP Semiconductor
Package/Case	LQFP-112
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MC9S12DP256BCPV or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC9S12DP256BCPV is a microcontroller from the MC9S12DP256B series, which is a family of 16-bit microcontrollers designed by NXP Semiconductors (formerly Freescale Semiconductor).

Features

16-bit HCS12 CPU core with up to 25 MHz bus frequency

256 KB of flash memory and 8 KB of RAM

8-channel, 10-bit ADC module

6-channel PWM module

CAN, SCI, SPI, and IIC communication interfaces

Operating voltage range: 2.35V to 5.25V

Application

Automotive applications such as engine management systems, body control modules, and instrument clusters

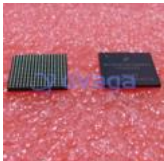
Industrial control systems

Medical devices

Consumer electronics



Related Products



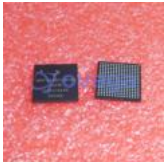
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



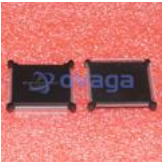
[MC68302CEH20C](#)

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PQFP-132



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QFP-44