

Microcontroller, HCS12 Family S12A Series Microcontrollers, HCS12, 16bit, 25 MHz, 256 KB, 12 KB

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



Images are for reference only

Please submit RFQ for MC9S12A256CPVE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC9S12A256CPVE is a microcontroller from NXP Semiconductors, which is based on the HCS12 architecture. It has the following features:

Features

It has a 16-bit CPU with a clock speed of up to 50 MHz.

It has 256 KB of flash memory and 12 KB of RAM.

It has 56 general-purpose I/O pins.

It has a variety of on-chip peripherals, including timers, a watchdog timer, an analog-to-digital converter, and a serial communication interface.

Application

Engine management systems

Transmission control systems

HVAC control systems

Motor control systems

Industrial automation systems

Gaming consoles

Home automation systems



Related Products



[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



[MCF5253CVM140](#)

NXP Semiconductor
BGA-225



[MCF52223CAF80](#)

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100-LQFP



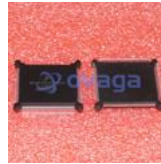
[MC9S12DG128MFUE](#)

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[MC68302CEH20C](#)

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[MC68332ACEH20](#)

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[MC9S12DP512VPVE](#)

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