

WHALE SHARK 112LQFP, Microcontrollers (MCU) Whale Shark 512K FLASH 25 MHZ

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	LQFP-112
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC9S12DP512VPVE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

MC9S12DP512VPVE is a microcontroller from the S12 MagniV family of automotive microcontrollers developed by NXP Semiconductors.

### Features

It is based on a 16-bit HCS12 CPU core with an operating frequency of up to 25 MHz.

It has 512 KB of flash memory, 16 KB of RAM, and 4 KB of EEPROM.

It has a variety of communication interfaces, including CAN, LIN, and SCI.

It also features an 8-channel 10-bit ADC, a 4-channel PWM, and a 6-channel timer.

### Application

The MC9S12DP512VPVE microcontroller is mainly used in automotive applications such as engine control, transmission control, and body electronics.

It is also used in industrial control systems, home appliances, and other applications that require real-time processing and control.



## Related Products



### [MCIMX6Y2CVM08AA](#)

NXP Semiconductor  
MAPBGA-289



### [MCF5253CVM140](#)

NXP Semiconductor  
BGA-225



### [MCF52223CAF80](#)

NXP Semiconductor  
100-LQFP



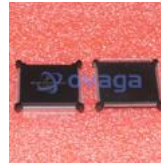
### [MC9S08GT8AMFBE](#)

NXP Semiconductor  
QFP-44



### [MC68302CEH20C](#)

NXP Semiconductor  
PQFP-132



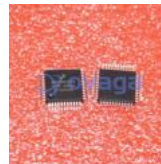
### [MC68332ACEH20](#)

NXP Semiconductor  
QFP132



### [MC9S12DG128MFUE](#)

NXP Semiconductor  
QFP-80



### [MC9S08GT8ACFBE](#)

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QFP44