

16B, FLASH, CANS,2XAT,Microcontrollers (MCU) 16B FLASH CANS 2XAT

Manufacturers	NXP Semiconductor
Package/Case	LQFP-144
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC9S12H256VFVE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC9S12H256VFVE is a microcontroller chip from NXP Semiconductors, which belongs to the family of HCS12 microcontrollers.

Features

- 16-bit HCS12 CPU core running at up to 50 MHz
- 256 KB Flash memory
- 12 KB RAM
- 4 KB EEPROM
- 76 GPIO pins
- Integrated communication modules including CAN, SPI, SCI, and I2C
- Analog-to-digital converters (ADCs)
- Pulse-width modulation (PWM) output
- Timers and interrupts

Application

- MC9S12H256
- MC9S12H256B
- MC9S12H256BCPV
- MC9S12H256VPV
- MC9S12H256VPVE
- MC9S12H256VFAE
- MC9S12H256VLH
- MC9S12H256VLHE
- MC9S12H256VLL
- MC9S12H256VLLAE



Related Products



[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



[MCF5253CVM140](#)

NXP Semiconductor
BGA-225



[MCF52223CAF80](#)

NXP Semiconductor
100-LQFP



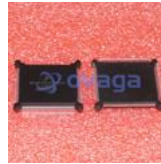
[MC9S12DG128MFUE](#)

NXP Semiconductor
QFP-80



[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



[MC68332ACEH20](#)

NXP Semiconductor
QFP132



[MC9S12DP512VPVE](#)

NXP Semiconductor
LQFP-112



[MC9S08GT8AMFBE](#)

NXP Semiconductor
QFP-44