

MCU-Application Specific 16BIT, HC12, 8MHz, 2 KB RAM/60KB Program, 4.5V-5.5Vin, LQFP-112

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



Images are for reference only

Please submit RFQ for MC912D60ACPVE8 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC912D60ACPVE8 is a microcontroller unit (MCU) from NXP Semiconductors, formerly known as Freescale Semiconductor. It belongs to the MC9S12D family and is part of the HCS12 microcontroller product line.

Features

- 60 MHz CPU clock speed
- 512 KB flash memory
- 12 KB RAM
- 8-channel 10-bit ADC
- 8-channel PWM
- 2 SCI, 2 SPI, 1 I2C communication interfaces
- 96 general-purpose I/O pins

Application

- Engine control units (ECUs) in automotive systems
- Control systems for industrial machinery and equipment
- Home automation systems
- Medical devices
- Robotics



Related Products



[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



[MCF5253CVM140](#)

NXP Semiconductor
BGA-225



[MCF52223CAF80](#)

NXP Semiconductor
100-LQFP



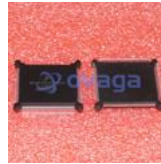
[MC9S12DG128MFUE](#)

NXP Semiconductor
QFP-80



[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



[MC68332ACEH20](#)

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[MC9S12DP512VPVE](#)

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[MC9S08GT8AMFBE](#)

NXP Semiconductor
QFP-44