

Microcontroller, HCS12 Family S12D Series Microcontrollers, HCS12, 16bit, 50 MHz, 256 KB, 12 KB



Images are for reference only

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

Please submit RFQ for MC9S12DT256MPVE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC9S12DT256MPVE is a microcontroller from NXP Semiconductors (formerly known as Freescale). It is a member of the HCS12 family and has a 16-bit CPU core with a clock speed of up to 25 MHz. Some of its key features are:

Features

256 KB flash memory

12 KB RAM

2 KB EEPROM

16-channel 10-bit ADC

8-channel PWM

4-channel CAN

4-channel SCI/UART

3-channel SPI

32-bit TIM

Operating voltage range of 2.35V to 5.5V

Temperature range of -40°C to 125°C

Application

MC9S12DG256C

MC9S12DJ256C

MC9S12DT256C

MC9S12A256B

MC9S12D256B

MC9S12DP256B

MC9S12C128C

MC9S12GC128C

MC9S12DP128B

MC9S12C32C

MC9S12GC32C

MC9S12DT128C

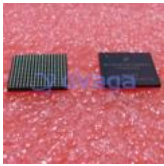
MC9S12DJ128C

MC9S12A128B

MC9S12D128B.



Related Products



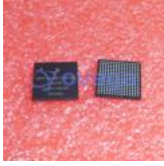
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



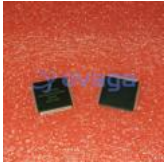
[MCF5253CVM140](#)

NXP Semiconductor
BGA-225



[MC68332ACEH20](#)

NXP Semiconductor
QFP132



[MCF52223CAF80](#)

NXP Semiconductor
100-LQFP



[MC9S12DP512VPVE](#)

NXP Semiconductor
LQFP-112



[MC9S12DG128MFUE](#)

NXP Semiconductor
QFP-80



[MC9S08GT8AMFBE](#)

NXP Semiconductor
QFP-44