

Microcontroller, HCS12 Family S12D Series Microcontrollers, HCS12, 16bit, 25 MHz, 256 KB, 12 KB

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



Images are for reference only

Please submit RFQ for MC9S12DJ256CPVE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC9S12DJ256CPVE is a microcontroller produced by NXP Semiconductors, which is based on the 16-bit HCS12 (High-performance compact HCS12) architecture.

Features

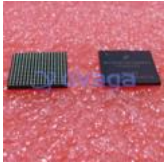
- 256 KB flash memory
- 8 KB RAM
- 16 MHz bus frequency
- 112 GPIO pins
- 16-channel 10-bit ADC
- 6-channel PWM (Pulse Width Modulation)
- 4-channel CAN (Controller Area Network) module
- SCI (Serial Communications Interface) and SPI (Serial Peripheral Interface) modules
- Interrupt controller

Application

- MC9S12DJ256BMPV by NXP Semiconductors
- MC9S12DG256CAG by NXP Semiconductors
- MC9S12DP256CAG by NXP Semiconductors
- MC9S12DT256CAG by NXP Semiconductors
- S912XEQ512J2MAL by NXP Semiconductors



Related Products



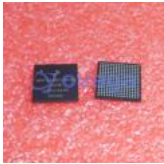
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



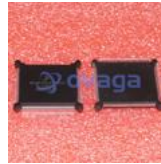
[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



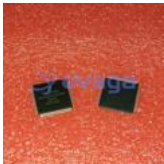
[MCF5253CVM140](#)

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