

MCU 16-bit HCS12X CISC 128KB Flash 2.5V/5V

Manufacturers	NXP Semiconductor
Package/Case	QFP-80
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC9S12XD128CAA or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC9S12XD128CAA is a microcontroller chip from the Freescale/NXP HCS12 family, which is now part of the Renesas Electronics family. It is a 16-bit microcontroller that offers a combination of performance, flexibility, and integration.

Features

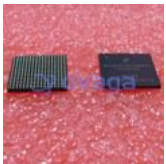
- 128KB of flash memory
- 8KB of RAM
- 16-bit CPU core
- 16-channel 10-bit ADC
- 4-channel 16-bit PWM
- 2-channel SCI, SPI, CAN
- 80 general-purpose I/O pins
- Operating frequency up to 50 MHz

Application

- MC9S12XDP512CAA
- MC9S12XEP100CAA
- MC9S12XE128CAA
- MC9S12XEQ384CAA
- MC9S12XEP768CAA

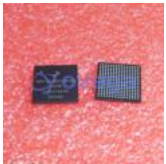


Related Products



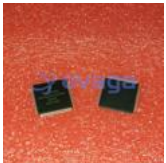
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



[MCF5253CVM140](#)

NXP Semiconductor
BGA-225



[MCF52223CAF80](#)

NXP Semiconductor
100-LQFP



[MC9S12DG128MFUE](#)

NXP Semiconductor
QFP-80



[MC68302CEH20C](#)

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PQFP-132



[MC68332ACEH20](#)

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QFP132



[MC9S12DP512VPVE](#)

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LQFP-112



[MC9S08GT8AMFBE](#)

NXP Semiconductor
QFP-44