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See specifications for product details.



MC9S12NE64CPV

Manufacturer Part Number	MC9S12NE64CPV
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MC9S12NE64CPV
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 16BIT 64KB FLASH 112LQFP
Package	112-LQFP
Data sheet	MC9S12NE64.pdf

Get a Quote

MC9S12NE64CPV - NXP USA Inc..New Original in Stock. Download Linear Technology MC9S12NE64CPV datasheet/specifications on AllelcoElec.com.
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Specifications

MC9S12NE64CPV Tech Specifications

MC9S12NE64CPV - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	2.375V ~ 3.465V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	112-LQFP (20x20)	Number of I/O	70
Speed	25MHz	Mounting Type	Surface Mount
Series	HCS12	EEPROM Size	-
RAM Size	8K x 8	Data Converters	A/D 8x10b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	64KB (64K x 8)	Core Processor	HCS12
Peripherals	POR, PWM, WDT	Connectivity	EBI/EMI, Ethernet, I ² C, SCI, SPI
Package / Case	112-LQFP	Base Product Number	MC9S12
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MC9S12NE64CPV

Product Attribute				
Part Number	MC9S12NE64CPV	MC9S12KG256MPVE	MC9S12P128MQK	MC9S12KG128VPVE
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Speed	25MHz	25MHz	32MHz	25MHz
Core Processor	HCS12	HCS12	HCS12	HCS12
Package	Tray	Tray	Tray	Tray
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 105°C (TA)
EEPROM Size	-	4K x 8	4K x 8	2K x 8
Voltage - Supply (Vcc/Vdd)	2.375V ~ 3.465V	2.35V ~ 5.5V	1.72V ~ 5.5V	2.35V ~ 5.5V
Package / Case	112-LQFP	112-LQFP	80-QFP	112-LQFP
RAM Size	8K x 8	12K x 8	6K x 8	8K x 8
Data Converters	A/D 8x10b	A/D 16x10b	A/D 10x12b	A/D 16x10b
Number of I/O	70	91	64	91
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	MC9S12	MC9S12	MC9S12	MC9S12
Series	HCS12	HCS12	HCS12	HCS12
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Peripherals	POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT
Program Memory Size	64KB (64K x 8)	256KB (256K x 8)	128KB (128K x 8)	128KB (128K x 8)
Connectivity	EBI/EMI, Ethernet, I ² C, SCI, SPI	CANbus, EBI/EMI, I ² C, SCI, SPI	CANbus, SCI, SPI	CANbus, EBI/EMI, I ² C, SCI, SPI
Supplier Device Package	112-LQFP (20x20)	112-LQFP (20x20)	80-QFP (14x14)	112-LQFP (20x20)
Oscillator Type	Internal	Internal	Internal	Internal

MC9S12NE64CPV Datasheet PDF

Download MC9S12NE64CPV pdf datasheets and NXP USA Inc. documentation for MC9S12NE64CPV - NXP USA Inc..


Datasheets


[MC9S12NE64.pdf](#)

PCN Packaging

[2.73KHz.pdf](#)

Environmental Information

 NXP USA Inc REACH.pdf

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Customers Also Interested in

Recommended Products



MC9S12KG256MPVE

NXP USA Inc.
IC MCU 16BIT 256KB FLASH
112LQFP



MC9S12P128MQK

NXP USA Inc.
IC MCU 16BIT 128KB FLASH 80QFP



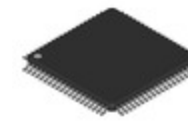
MC9S12Q128MFUE16

Freescal / NXP Semiconductors



MC9S12KG128VPVE

NXP USA Inc.
IC MCU 16BIT 128KB FLASH
112LQFP



MC9S12P128MQK

Freescal Semiconductor
IC MCU 16BIT 128KB FLASH 80QFP



MC9S12HZ64VAL

Freescal / NXP Semiconductors



MC9S12HZ256CAL

NXP USA Inc.
IC MCU 16BIT 256KB FLASH
112LQFP



MC9S12HZ64CAL

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MC9S12Q128CPBE16

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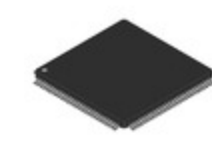
MC9S12Q128MPBE16

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MC9S12KG256MPV

MOTOROLA



MC9S12HZ256VAL

Freescal Semiconductor
IC MCU 16BIT 256KB FLASH
112LQFP



MC9S12NE64CPVE

NXP USA Inc.
IC MCU 16BIT 64KB FLASH 112LQFP



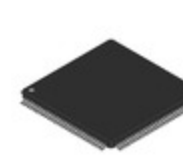
MC9S12P64CFT

NXP USA Inc.
IC MCU 16BIT 64KB FLASH 48QFN



MC9S12HZ256VAL

NXP USA Inc.
IC MCU 16BIT 256KB FLASH
112LQFP



MC9S12HZ256CAL

Freescal Semiconductor
IC MCU 16BIT 256KB FLASH
112LQFP



MC9S12NE64VTUE

NXP USA Inc.
IC MCU 16BIT 64KB FLASH 80TQFP



MC9S12KG128VPV

Freescal / NXP Semiconductors

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:

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PayPal.



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Delivery

Contact us if you have any questions.



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Certifications & Memberships



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