

Image may be representation.
See specifications for product details.



S912ZVC64F0MLF

Manufacturer Part Number **S912ZVC64F0MLF**

Manufacturer **NXP Semiconductors**

Allelco Part Number **32D-S912ZVC64F0MLF**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC MCU 16BIT 64KB FLASH 48LQFP**

Package **48-LQFP**

Data sheet **[MC9S12ZVC Family Datasheet, Manual.pdf](#)**

[S12ZVC Family Factsheet.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

S912ZVC64F0MLF - NXP USA Inc..New Original in Stock. Download Linear Technology S912ZVC64F0MLF datasheet/specifications on AllelcoElec.com.
Request a quote for S912ZVC64F0MLF, please send us email: info@allelco.com

Specifications

S912ZVC64F0MLF Tech Specifications

S912ZVC64F0MLF - 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)	3.5V ~ 40V	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package	48-LQFP (7x7)	Number of I/O	28
Speed	32MHz	Mounting Type	Surface Mount
Series	S12 MagniV	EEPROM Size	1K x 8
RAM Size	4K x 8	Data Converters	A/D 10x10b; D/A 1x8b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	64KB (64K x 8)	Core Processor	S12Z
Peripherals	DMA, POR, PWM, WDT	Connectivity	CANbus, I ² C, SCI, SPI
Package / Case	48-LQFP	Base Product Number	S912
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. S912ZVC64F0MLF

Product Attribute				
Part Number	S912ZVC64F0MLF	S912ZVC96F0VLF	S912ZVC64F0CLF	S912ZVCA19F0WKH
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	48-LQFP (7x7)	48-LQFP (7x7)	48-LQFP (7x7)	64-LQFP (10x10)
Program Memory Size	64KB (64K x 8)	96KB (96K x 8)	64KB (64K x 8)	192KB (192K x 8)
Speed	32MHz	32MHz	32MHz	32MHz
Voltage - Supply (Vcc/Vdd)	3.5V ~ 40V	3.5V ~ 40V	3.5V ~ 40V	3.5V ~ 40V
Peripherals	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT
Package / Case	48-LQFP	48-LQFP	48-LQFP	64-LQFP Exposed Pad
Core Processor	S12Z	S12Z	S12Z	S12Z
Package	Tray	Tray	Tray	Tray
Series	S12 MagniV	S12 MagniV	S12 MagniV	Automotive, AEC-Q100, S12 MagniV
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 150°C (TA)
Data Converters	A/D 10x10b; D/A 1x8b	A/D 10x10b	A/D 10x10b; D/A 1x8b	A/D 16x12b; D/A 1x8b
Oscillator Type	Internal	Internal	Internal	Internal
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
RAM Size	4K x 8	8K x 8	4K x 8	12K x 8
Number of I/O	28	28	28	42
Connectivity	CANbus, I ² C, SCI, SPI	CANbus, I ² C, SCI, SPI	CANbus, I ² C, SCI, SPI	CANbus, I ² C, SCI, SPI
EEPROM Size	1K x 8	2K x 8	1K x 8	2K x 8
Base Product Number	S912	S912	S912	S912

S912ZVC64F0MLF Datasheet PDF

Download S912ZVC64F0MLF pdf datasheets and NXP USA Inc. documentation for S912ZVC64F0MLF - NXP USA Inc..


Datasheets


- [MC9S12ZVC Family Datasheet, Manual.pdf](#)
- [S12ZVC Family Factsheet.pdf](#)

PCN Packaging

- [All Dev Label Update 15/Dec/2020.pdf](#)
- [Mult Dev Pkg Seal 15/Dec/2020.pdf](#)

Environmental Information

 NXP USA Inc REACH.pdf

 NXP USA Inc RoHS Cert.pdf

PCN Assembly/Origin

 Mult Dev A/T Site 28/Apr/2021.pdf

PCN Design/Specification

 Mult Dev DS/Manual Rev 20/May/2021.pdf

PCN Other

 S12ZVC/A 5-28-21.pdf

Customers Also Interested in

Recommended Products



S912ZVCA19MKH

Freescale / NXP Semiconductors



S912ZVC96F0VLF

NXP USA Inc.
IC MCU 16BIT 96KB FLASH 48LQFP



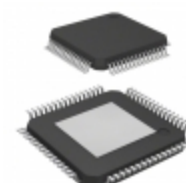
S912ZVC64F0CLF

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



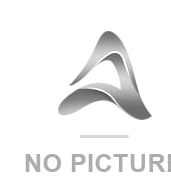
S912ZVCA19F0WKH

NXP USA Inc.
IC MCU 16BIT 192KB FLASH 64LQFP



S912ZVC19F0VKH

NXP USA Inc.
IC MCU 16BIT 192KB FLASH 64LQFP



S912ZVC19VKH

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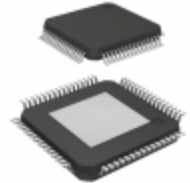
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S912ZVC64F0VLF

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IC MCU 16BIT 64KB FLASH 48LQFP



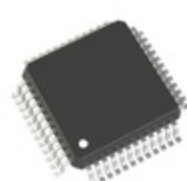
S912ZVC96F0MLF

NXP USA Inc.
IC MCU 16BIT 96KB FLASH 48LQFP



S912ZVCA19F0VLF

NXP USA Inc.
IC MCU 16BIT 192KB FLASH 48LQFP



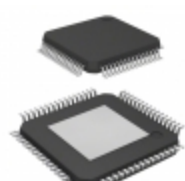
S912ZVC19F0VLF

NXP USA Inc.
IC MCU 16BIT 192KB FLASH 48LQFP



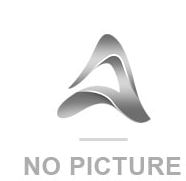
S912ZVC19M

Freescale / NXP Semiconductors



S912ZVCA19F0MKH

NXP USA Inc.
IC MCU 16BIT 192KB FLASH 64LQFP



S912ZVC19MKH

FREESCA



S912ZVCA19WKH

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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 Alleco 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:

Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@alleco.com

Certifications & Memberships



View More

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Alleco.com