



Image may be representation.
See specifications for product details.



S912ZVML32F3WKHR

Manufacturer Part Number	S912ZVML32F3WKHR
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-S912ZVML32F3WKHR
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 16BIT 32KB FLASH 64LQFP
Package	64-LQFP Exposed Pad
Data sheet	S12ZVM Family Fact Sheet.pdf MC9S12ZVC Family Datasheet, Manual.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

S912ZVML32F3WKHR - NXP USA Inc..New Original in Stock. Download Linear Technology S912ZVML32F3WKHR datasheet/specifications on AllelcoElec.com.
Request a quote for S912ZVML32F3WKHR, please send us email: info@allelco.com

Specifications

S912ZVML32F3WKHR Tech Specifications

S912ZVML32F3WKHR - 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 ~ 150°C (TA)
Supplier Device Package	64-HLQFP (10x10)	Number of I/O	31
Speed	50MHz	Mounting Type	Surface Mount
Series	S12 MagniV	EEPROM Size	512 x 8
RAM Size	4K x 8	Data Converters	A/D 9x12b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	32KB (32K x 8)	Core Processor	S12Z
Peripherals	DMA, POR, PWM, WDT	Connectivity	CANbus, LINbus, SCI, SPI
Package / Case	64-LQFP Exposed Pad	Base Product Number	S912
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. S912ZVML32F3WKHR

Product Attribute				
Part Number	S912ZVML32F3WKHR	S912ZVML31F1WKHF	S912ZVML32F3MKH	S912ZVML32F3VKH
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Package / Case	64-LQFP Exposed Pad	48-LQFP Exposed Pad	64-LQFP Exposed Pad	64-LQFP Exposed Pad
Oscillator Type	Internal	Internal	Internal	Internal
Voltage - Supply (Vcc/Vdd)	3.5V ~ 40V	3.5V ~ 40V	3.5V ~ 40V	3.5V ~ 40V
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
EEPROM Size	512 x 8	128 x 8	512 x 8	512 x 8
Package	Tape & Reel (TR)	Tray	Tray	Tray
Operating Temperature	-40°C ~ 150°C (TA)	-40°C ~ 150°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 105°C (TA)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Core Processor	S12Z	S12Z	S12Z	S12Z
Peripherals	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT	DMA, POR, PWM, WDT
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Connectivity	CANbus, LINbus, SCI, SPI	LINbus, SCI	CANbus, LINbus, SCI, SPI	CANbus, LINbus, SCI, SPI
Base Product Number	S912	S912	S912	S912
Number of I/O	31	31	31	31
Series	S12 MagniV	S12 MagniV	S12 MagniV	S12 MagniV
Speed	50MHz	40MHz	50MHz	50MHz
Supplier Device Package	64-HLQFP (10x10)	48-LQFP-EP (7x7)	64-HLQFP (10x10)	64-HLQFP (10x10)
Data Converters	A/D 9x12b	A/D 4x12b	A/D 9x12b	A/D 9x12b
Program Memory Size	32KB (32K x 8)	32KB (32K x 8)	32KB (32K x 8)	32KB (32K x 8)
RAM Size	4K x 8	4K x 8	4K x 8	4K x 8

S912ZVML32F3WKHR Datasheet PDF

Download S912ZVML32F3WKHR pdf datasheets and NXP USA Inc. documentation for S912ZVML32F3WKHR - NXP USA Inc..

Datasheets

S12ZVM Family Fact Sheet.pdf

MC9S12ZVC Family Datasheet, Manual.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

Customers Also Interested in

Recommended Products

					
S912ZVML31F1WKF NXP USA Inc. IC MCU 16BIT 32KB FLASH 48LQFP	S912ZVML31MKF Freescale / NXP Semiconductors	S912ZVML32F3MKH NXP USA Inc. IC MCU 16BIT 32KB FLASH 64LQFP	S9132S	S912ZVML64MKH Freescale / NXP Semiconductors	S912ZVML32F3VKH NXP USA Inc. IC MCU 16BIT 32KB FLASH 64LQFP
					
S912ZVML64WKH Freescale / NXP Semiconductors	S912ZVML31VKH FREESCA	S912ZVML31F1MKH NXP USA Inc. IC MCU 16BIT 32KB FLASH 64LQFP	S912ZVML64F3MKHR NXP USA Inc. IC MCU 16BIT 64KB FLASH 64LQFP	S913TR Electro-Films (EFI) / Vishay	S912ZVML31WKH Freescale / NXP Semiconductors
					
S912ZVML32F3WKH NXP USA Inc. IC MCU 16BIT 32KB FLASH 64LQFP	S912ZVML31W FREESCA	S912ZVML64F1MKHR NXP USA Inc. IC MCU 16BIT 64KB FLASH 64LQFP	S912ZVML31F1WKH NXP USA Inc. IC MCU 16BIT 32KB FLASH 64LQFP	S912ZVML64F3MKH NXP USA Inc. IC MCU 16BIT 64KB FLASH 64LQFP	S912ZVML64F3WKH NXP USA Inc. IC MCU 16BIT 64KB FLASH 64LQFP

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:
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@allelco.com

Certifications & Memberships



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