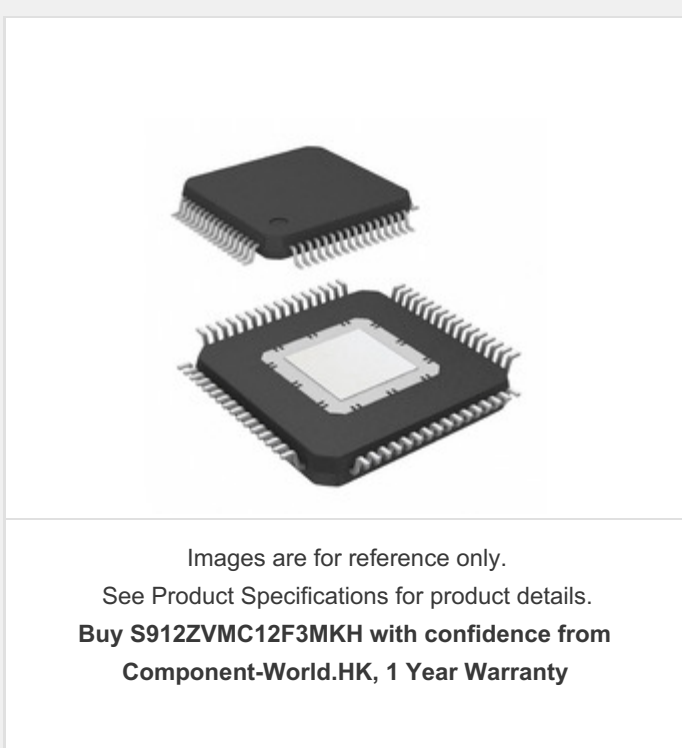


## S912ZVMC12F3MKH



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See Product Specifications for product details.  
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**Part Number:** [S912ZVMC12F3MKH](#)  
**Manufacturer:** [NXP Semiconductors / Freescale](#)  
**Description:** MAGNIV 16-BIT MCU S12Z CORE 12  
**Data sheet:** [MC9S12ZVC Family Datasheet, Manual](#)  
[MC9S12ZVM-Family Reference Manual](#)  
[S12ZVM Family Fact Sheet](#)

**RoHS Status:**  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
<b>Part Number</b>	S912ZVMC12F3MKH	<b>Manufacturer</b>	<a href="#">NXP Semiconductors / Freescale</a>
<b>Description</b>	MAGNIV 16-BIT MCU S12Z CORE 12	<b>Lead Free Status / RoHS Status</b>	
<b>Quantity Available</b>	12313 pcs	<b>Data sheet</b>	<a href="#">MC9S12ZVC Family Datasheet</a> , <a href="#">MC9S12ZVM-Family Reference Manual</a> , <a href="#">S12ZVM Family Fact Sheet</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Supply (Vcc/Vdd)</b>	3.5 V ~ 40 V
<b>Supplier Device Package</b>	64-LQFP-EP (10x10)	<b>Speed</b>	50MHz
<b>Series</b>	S12 MagniV	<b>RAM Size</b>	8K x 8
<b>Program Memory Type</b>	FLASH	<b>Program Memory Size</b>	128KB (128K x 8)
<b>Peripherals</b>	DMA, POR, PWM, WDT	<b>Packaging</b>	Tray
<b>Package / Case</b>	64-LQFP Exposed Pad	<b>Other Names</b>	935334943557
<b>Oscillator Type</b>	Internal	<b>Operating Temperature</b>	-40°C ~ 125°C (TA)
<b>Number of I/O</b>	31	<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Manufacturer Standard Lead Time</b>	18 Weeks	<b>EEPROM Size</b>	512 x 8
<b>Detailed Description</b>	S12Z S12 MagniV Microcontroller IC 16-Bit 50MHz 128KB (128K x 8) FLASH 64-LQFP-EP (10x10)	<b>Data Converters</b>	A/D 9x12b
<b>Core Size</b>	16-Bit	<b>Core Processor</b>	S12Z
<b>Connectivity</b>	CANbus, SCI, SPI		

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	<b>Part#:</b> <a href="#">S912ZVMC64F1MKH</a> <b>Description:</b> IC MCU 16BIT 64KB FLASH 64LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S912ZVMB6F0WLF</a> <b>Description:</b> IC MCU 16BIT 16KB FLASH 48LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S912ZVMC12F3VKH</a> <b>Description:</b> S12Z CORE128K FLASHCAN	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S912ZVMC12F1VKH</a> <b>Description:</b> IC MCU 16BIT FLASH	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S912ZVMC12F3MKHR</a> <b>Description:</b> MAGNIV 16-BIT MCU S12Z CORE 12	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S912ZVMC12F1MKH</a> <b>Description:</b> IC MCU 16BIT 128KB FLASH 64LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">S912ZVMC12F3WKHR</a> <b>Description:</b> MAGNIV 16-BIT MCU S12Z CORE 12	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">S912ZVMC12F3WKH</a> <b>Description:</b> MAGNIV 16-BIT MCU S12Z CORE 12	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
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