

S912ZVL64F0MLF



Part Number: [S912ZVL64F0MLF](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: MAGNIV 16-BIT MCU S12Z CORE 64

Data sheet:  [MC9S12ZVL Family Ref Manual, Datasheet](#)

RoHs Status:

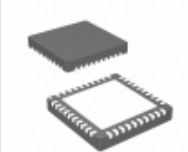
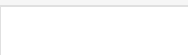
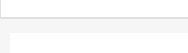
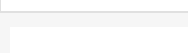
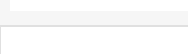
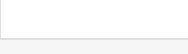
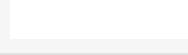
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PRODUCT PARAMETER		
Part Number	S912ZVL64F0MLF	Manufacturer NXP Semiconductors / Freescale
Description	MAGNIV 16-BIT MCU S12Z CORE 64	Lead Free Status / RoHS Status
Quantity Available	37146 pcs	Data sheet MC9S12ZVL Family Ref Manual, Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd) 5.5 V ~ 18 V
Supplier Device Package	48-LQFP (7x7)	Speed 32MHz
Series	S12 MagniV	RAM Size 1K x 8
Program Memory Type	FLASH	Program Memory Size 64KB (64K x 8)
Peripherals	LVD, POR, PWM, WDT	Packaging Tray
Package / Case	48-LQFP	Other Names 935333104557
Oscillator Type	Internal	Operating Temperature -40°C ~ 125°C (TA)
Number of I/O	34	Moisture Sensitivity Level (MSL) 3 (168 Hours)
Manufacturer Standard Lead Time	18 Weeks	EEPROM Size 512 x 8
Detailed Description	S12Z S12 MagniV Microcontroller IC 16-Bit 32MHz 64KB (64K x 8) FLASH 48-LQFP (7x7)	Data Converters A/D 10x10b
Core Size	16-Bit	Core Processor S12Z
Connectivity	CANbus, I ² C, IrDA, LINbus, SCI, SPI, UART/USART	
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	Part#: S912ZVL64F0MFM Description: S12Z CPU, 64K FLASH	Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: S912ZVL64F0VFM Description: S12Z CPU, 64K FLASH	Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: S912ZVL12F0VLF Description: MAGNIV 16-BIT MCU S12Z CORE 12	Manufacturers: NXP Semiconductors / Freescale RFQ
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	Part#: S912ZVL96F0MLF Description: MAGNIV 16-BIT MCU S12Z CORE 96	Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: S912ZVL96F0MLFR Description: MAGNIV 16-BIT MCU S12Z CORE 96	Manufacturers: NXP Semiconductors / Freescale RFQ
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	Part#: S912ZVL12F0MLFR Description: S12Z CPU 128K FLASH	Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: S912ZVL64F0VFMR Description: S12Z CPU, 64K FLASH	Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: S912ZVL64F0MLFR Description: MAGNIV 16-BIT MCU S12Z CORE 64	Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: S912ZVL96F0VLF Description: IC MCU 16BIT 96KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale RFQ

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