

S912ZVL96F0MLF



Part Number: [S912ZVL96F0MLF](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: MAGNIV 16-BIT MCU S12Z CORE 96

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

RoHs Status:

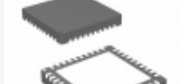
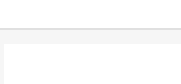
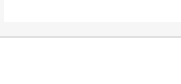
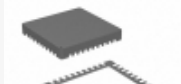
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PRODUCT PARAMETER			
Part Number	S912ZVL96F0MLF	Manufacturer	NXP Semiconductors / Freescale
Description	MAGNIV 16-BIT MCU S12Z CORE 96	Lead Free Status / RoHS Status	
Quantity Available	29732 pcs	Data sheet	MC9S12ZVL Family Ref Manual, Datasheet
Category	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	96KB (96K x 8)
Peripherals	LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	48-LQFP	Other Names	935333106557
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 96KB (96K 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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RELATED PRODUCTS			
	Part#: S912ZVL64F0VFMR Description: S12Z CPU, 64K FLASH	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: S912ZVL64F0MLFR Description: MAGNIV 16-BIT MCU S12Z CORE 64	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S912ZVLA12F0MLC Description: IC MCU 16BIT 128KB FLASH 32LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S912ZVLA12F0WLF Description: MAGNIV 16-BIT MCU S12Z CORE 12	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S912ZVL64F0MFMR Description: S12Z CPU, 64K FLASH	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S912ZVL64F0VLF Description: IC MCU 16BIT 64KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S912ZVLA12F0CLCR Description: S12Z CPU 128K FLASH	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S912ZVLA12F0MLCR Description: IC MCU 16BIT 128KB FLASH 32LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: S912ZVL64F0VFM Description: S12Z CPU, 64K FLASH	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S912ZVLA12F0MLFR Description: IC MCU 16BIT 128KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: S912ZVL64F0VLC Description: S12Z CPU 64K FLASH	Manufacturers: NXP Semiconductors / Freescale	RFQ
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