

S912ZVCA96F0MLF



Part Number: [S912ZVCA96F0MLF](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: MAGNIV 16-BIT MCU S12Z CORE 96

Data sheet:  [MagniV Safety Devices Manual](#)
 [MC9S12ZVC Family Datasheet, Manual](#)
 [S12ZVC Family Factsheet](#)

RoHs Status:

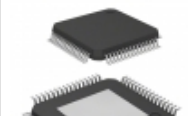
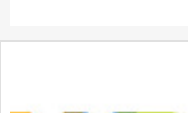
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PRODUCT PARAMETER			
Part Number	S912ZVCA96F0MLF	Manufacturer	NXP Semiconductors / Freescale
Description	MAGNIV 16-BIT MCU S12Z CORE 96	Lead Free Status / RoHS Status	
Quantity Available	25125 pcs	Data sheet	MagniV Safety Devices Manual MC9S12ZVC Family Datasheet, Manual S12ZVC Family Factsheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3.5 V ~ 40 V
Supplier Device Package	48-LQFP (7x7)	Speed	32MHz
Series	S12 MagniV	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	96KB (96K x 8)
Peripherals	DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	48-LQFP	Other Names	935316267557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	28	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	18 Weeks	EEPROM Size	2K x 8
Detailed Description	S12Z S12 MagniV Microcontroller IC 16-Bit 32MHz 96KB (96K x 8) FLASH 48-LQFP (7x7)	Data Converters	A/D 10x12b, D/A 1x8b
Core Size	16-Bit	Core Processor	S12Z
Connectivity	CANbus, I ² C, SCI, SPI		
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	Part#: S912ZVCA64F0MLF Description: MAGNIV 16-BIT MCU S12Z CORE 64	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S912ZVCA64F0CLFR Description: MAGNIV 16-BIT MCU S12Z CORE 64	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S912ZVCA19F0VLF Description: MAGNIV 16-BIT MCU S12Z CORE 19	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S912ZVCA19F0WKH Description: MAGNIV 16-BIT MCU S12Z CORE 19	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S912ZVH128F2VLL Description: IC MCU 16BIT 128KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S912ZVFP64F1VLQ Description: IC MCU 16BIT 64KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S912ZVCA19F0MLF Description: MAGNIV 16-BIT MCU S12Z CORE 19	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S912ZVCA19F0MKH Description: IC MCU 16BIT 192KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: S912ZVCA96F0VLF Description: IC MCU 16BIT 96KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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