

S9S12ZVL16F0MLCR



Part Number: [S9S12ZVL16F0MLCR](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: MAGNIV 16-BIT MCU S12Z CORE 16

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

RoHs Status:

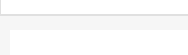
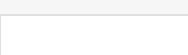
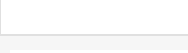
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PRODUCT PARAMETER			
Part Number	S9S12ZVL16F0MLCR	Manufacturer	NXP Semiconductors / Freescale
Description	MAGNIV 16-BIT MCU S12Z CORE 16	Lead Free Status / RoHS Status	
Quantity Available	52551 pcs	Data sheet	MC9S12ZVL Family Ref Manual, Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	5.5 V ~ 18 V
Supplier Device Package	32-LQFP (7x7)	Speed	32MHz
Series	S12 MagniV	RAM Size	1K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	LVD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	32-LQFP	Other Names	935320746528
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	19	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	18 Weeks	EEPROM Size	128 x 8
Detailed Description	S12Z S12 MagniV Microcontroller IC 16-Bit 32MHz 16KB (16K x 8) FLASH 32-LQFP (7x7)	Data Converters	A/D 6x10b
Core Size	16-Bit	Core Processor	S12Z
Connectivity	I ² C, IrDA, LINbus, SCI, SPI, UART/USART		
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