

S9S12ZVL32F0MLF



Part Number: [S9S12ZVL32F0MLF](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 32KB FLASH 48LQFP

Data sheet:  [S12ZVL Family Fact Sheet](#)
 [MC9S12ZVL Family Ref Manual, Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

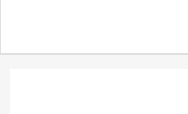
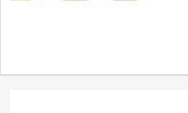
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PRODUCT PARAMETER			
Part Number	S9S12ZVL32F0MLF	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 32KB FLASH 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	43275 pcs	Data sheet	S12ZVL Family Fact 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	32KB (32K x 8)
Peripherals	LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	48-LQFP	Other Names	935312221557
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	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	128 x 8	Detailed Description	S12Z S12 MagniV Microcontroller IC 16-Bit 32MHz 32KB (32K x 8) FLASH 48-LQFP (7x7)
Data Converters	A/D 10x10b	Core Size	16-Bit
Core Processor	S12Z	Connectivity	I ² C, IrDA, LINbus, SCI, SPI, UART/USART
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