

S9S12ZVL32F0VLCR

S9S12ZVL32F0VLCR Information



For Reference Only

Part Number S9S12ZVL32F0VLCR

Manufacturer NXP

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

Description MAGNIV 16-BIT MCU S12Z CORE 32

Package 32-LQFI

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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S9S12ZVL32F0VLCR Specifications

Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 32-LQFP Series \$12 MagniV Core Processor \$12Z Core Size 16-Bit Speed 32MHz Connectivity P°C, IrDA, LINbus, SCI, SPI, UART/USART Peripherals LVD, POR, PWM, WDT Number of I/O 19 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size 128 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 5.5 V ~ 18 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type -			
Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 32-LQFP Series \$12 MagniV Core Processor \$12Z Core Size 16-Bit Speed 32MHz Connectivity PC, IrDA, LINbus, SCI, SPI, UART/USART Peripherals LVD, POR, PWM, WDT Number of I/O 19 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size 128 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 5.5 V ~ 18 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 32-LQFP Supplier Device Package 32-LQFP (7x7)	Manufacturer Part Number	S9S12ZVL32F0VLCR	
Embedded - Microcontrollers Package 32-LQFP Series \$12 MagniV Core Processor \$12Z Core Size \$16-Bit Speed \$2MHz Connectivity P°C, IrDA, LINbus, SCI, SPI, UART/USART Peripherals LVD, POR, PWM, WDT Number of I/O \$19 Program Memory Size \$32KB (32K x 8) Program Memory Type FLASH EEPROM Size \$128 x 8 RAM Size IK x 8 Voltage - Supply (Vcc/Vdd) \$5.5 V ~ 18 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case \$32-LQFP Supplier Device Package \$32-LQFP	Manufacturer	NXP	
Package 32-LQFP Series \$12 MagniV Core Processor \$12Z Core Size \$16-Bit Speed \$32MHz Connectivity PC, IrDA, LINbus, SCI, SPI, UART/USART Peripherals LVD, POR, PWM, WDT Number of I/O \$19 Program Memory Size \$32KB (32K x 8) Program Memory Type FLASH EEPROM Size \$128 x 8 RAM Size \$1K x 8 Voltage - Supply (Vcc/Vdd) \$5.5 V ~ 18 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case \$32-LQFP Supplier Device Package \$32-LQFP (7x7)	Category	Integrated Circuits (ICs)	
Series \$12 MagniV Core Processor \$12Z Core Size 16-Bit Speed 32MHz Connectivity IPC, IrDA, LINbus, SCI, SPI, UART/USART Peripherals LVD, POR, PWM, WDT Number of I/O 19 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size 128 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 5.5 V ~ 18 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 32-LQFP Supplier Device Package 32-LQFP (7x7)		Embedded - Microcontrollers	
Core Processor \$12Z Core Size 16-Bit Speed 32MHz Connectivity PC, IrDA, LINbus, SCI, SPI, UART/USART Peripherals LVD, POR, PWM, WDT Number of I/O 19 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size 128 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 5.5 V ~ 18 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 32-LQFP Supplier Device Package 32-LQFP	Package	32-LQFP	
Core Size 16-Bit Speed 32MHz Connectivity PC, IrDA, LINbus, SCI, SPI, UART/USART Peripherals LVD, POR, PWM, WDT Number of I/O 19 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size 128 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 5.5 V ~ 18 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 32-LQFP Supplier Device Package 32-LQFP (7x7)	Series	S12 MagniV	
Speed 32MHz Connectivity PC, IrDA, LINbus, SCI, SPI, UART/USART Peripherals LVD, POR, PWM, WDT Number of I/O 19 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size 128 x 8 RAM Size 128 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 5.5 V ~ 18 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type Package / Case 32-LQFP Supplier Device Package 32-LQFP (7x7)	Core Processor	S12Z	
Connectivity PC, IrDA, LINbus, SCI, SPI, UART/USART Peripherals LVD, POR, PWM, WDT Number of I/O 19 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size 128 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 5.5 V ~ 18 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type Package / Case 32-LQFP Supplier Device Package 32-LQFP (7x7)	Core Size	16-Bit	
Peripherals LVD, POR, PWM, WDT Number of I/O 19 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size 128 x 8 RAM Size 11K x 8 Voltage - Supply (Vcc/Vdd) 5.5 V ~ 18 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type Package / Case 32-LQFP Supplier Device Package 32-LQFP (7x7)	Speed	32MHz	
Number of I/O Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size 128 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 5.5 V ~ 18 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case Supplier Device Package 32-LQFP (7x7)	Connectivity	I ² C, IrDA, LINbus, SCI, SPI, UART/USART	
Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size 128 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 5.5 V ~ 18 V Data Converters A/D $6x10b$ Oscillator Type Internal Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ (TA) Mounting Type - Package / Case 32-LQFP Supplier Device Package 32-LQFP (7x7)	Peripherals	LVD, POR, PWM, WDT	
Program Memory Type EEPROM Size 128 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 5.5 V ~ 18 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 32-LQFP Supplier Device Package	Number of I/O	19	
EEPROM Size 128×8 RAM Size $1K \times 8$ Voltage - Supply (Vcc/Vdd) $5.5 \text{ V} \sim 18 \text{ V}$ Data Converters $A/D 6x10b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ (TA)Mounting Type-Package / Case 32-LQFP Supplier Device Package $32\text{-LQFP} (7x7)$	Program Memory Size	32KB (32K x 8)	
RAM Size Voltage - Supply (Vcc/Vdd) 5.5 V ~ 18 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 32-LQFP Supplier Device Package 32-LQFP (7x7)	Program Memory Type	FLASH	
Voltage - Supply (Vcc/Vdd) 5.5 V ~ 18 V A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 32-LQFP Supplier Device Package 32-LQFP (7x7)	EEPROM Size	128 x 8	
Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 32-LQFP Supplier Device Package 32-LQFP (7x7)	RAM Size	1K x 8	
Oscillator Type Internal $ -40^{\circ}\text{C} \sim 105^{\circ}\text{C (TA)} $ Mounting Type $ - $ Package / Case $ 32\text{-LQFP} $ Supplier Device Package $ 32\text{-LQFP (7x7)} $	Voltage - Supply (Vcc/Vdd)	5.5 V ~ 18 V	
Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 32-LQFP Supplier Device Package 32-LQFP (7x7)	Data Converters	A/D 6x10b	
Mounting Type - Package / Case 32-LQFP Supplier Device Package 32-LQFP (7x7)	Oscillator Type	Internal	
Package / Case 32-LQFP Supplier Device Package 32-LQFP (7x7)	Operating Temperature	-40°C ~ 105°C (TA)	
Supplier Device Package 32-LQFP (7x7)	Mounting Type	-	
**	Package / Case	32-LQFP	
Report errors?	Supplier Device Package	32-LQFP (7x7)	
		Report error	ors?

S9S12ZVL32F0VLCR Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

S9S12ZVL32F0VLCR Payment Methods



















S9S12ZVL32F0VLCR Shipping Methods













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