

S9S12ZVL8F0CLC

a Quote

S9S12ZVL8F0CLC Information

www.herseneneom	Part Number	S9S12ZVL8F0CLC	
	Manufacturer	NXP	ाना भर स
	Category	Integrated Circuits (ICs) Embedded - Microcontrollers	
	Description	MAGNIV 16-BIT MCU S12Z CORE 8K	
	Package	32-LQFP	- 100-14 101-14
		For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request

Certified Quality

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S9S12ZVL8F0CLC Specifications

Manufacturer Part NumberS9S122VL8FOCLCManufacturerNXPCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage32-LQFPSeriesS12 MagniVCore ProcessorS12ZCore Size16-BitSpeed32MHzConnectivityPC, IrDA, LINbus, SCI, SPI, UART/USARTPeripheralsLVD, POR, PWM, WDTNumber of I/O19Program Memory SizeSKB (8K x 8)Program Memory TypeFLASHEEPROM Size128 x 8RAM SizeS12 x 8Voltage - Supply (Vcc/Vdd)5.5 V ~ 18 VData ConvertersA/D 6x10bOperating Temperature40°C ~ 85°C (TA)Mounting Type-Packar (Case22.LQFP		
CategoryIntegrated Circuits (ICs)PackageSeriesdSeries32-LQFPCore ProcessorS12 MagniVCore Size6-BiSpeed32MHzConectivityPC, IrDA, LINbus, SCI, SPI, UART/USARTNumber of I/O19Program Memory SizeSK8 (8K x 8)Program Memory TypeFLASHEPROM Size512 x 8Voltage - Supply (Vcc/Vdd)51 v 18 vOrder StrippenAD Scillator TypeOrder Supply (Vcc/Vdd)-51 v 18 vOrder Supply (Vcc/Vdd)-51 v 18 vOrder TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type51 v 16 VPackage / Case51 v 16 VSupple Case-10 vSupple Case <td>Manufacturer Part Number</td> <td>S9S12ZVL8F0CLC</td>	Manufacturer Part Number	S9S12ZVL8F0CLC
Embedded - MicrocontrollersPackage32-LQFPSeriesS12 MagniVCore ProcessorS12ZCore Size16-BitSpeed32MHzConnectivityPC, IrDA, LINbus, SCI, SPI, UART/USARTPeripheralsLVD, POR, PWM, WDTNumber of I/O19Program Memory Size8KB (8K x 8)Program Memory TypeFLASHEEPROM Size128 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)5.5 V ~ 18 VData ConvertersA/D 6x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case32-LQFP	Manufacturer	NXP
Package32-LQFPSeriesS12 MagniVCore ProcessorS12ZCore Size16-BitSped32MHzConnectivityPC, IrDA, LINbus, SCI, SPI, UART/USARTPeripheralsLVD, POR, PWM, WDTNumber of I/O9Program Memory Size8KB (8K x 8)Program Memory TypeFLASHEEPROM Size512 x 8Voltage - Supply (Vcc/Vdd)5.5 V ~ 18 VOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type32-LQFP	Category	Integrated Circuits (ICs)
SeriesS12 MagniVCore ProcessorS12ZCore Size16-BitSpeed32MHzConnectivityPC, IrDA, LINbus, SCI, SPI, UART/USARTPeripheralsLVD, POR, PWM, WDTNumber of I/O19Program Memory Size8KB (8K x 8)Program Memory TypeFLASHEEPROM Size128 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)5.5 V ~ 18 VOscillator TypeInternalOperating Temperature40°C ~ 85°C (TA)Mounting Type32-LQFP		Embedded - Microcontrollers
Core ProcessorS12ZCore Size16-BitSpeed32MHzConnectivityPC, IrDA, LINbus, SCI, SPI, UART/USARTPeripheralsLVD, POR, PWM, WDTNumber of I/O19Program Memory Size8KB (8K x 8)Program Memory TypeFLASHEEPROM Size128 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)5.5 V ~ 18 VOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type32-LQFP	Package	32-LQFP
Core Size16-BitSpeed32MHzConnectivityPC, IrDA, LINbus, SCI, SPI, UART/USARTPeripheralsLVD, POR, PWM, WDTNumber of I/O19Program Memory Size8KB (8K x 8)Program Memory TypeFLASHEEPROM Size128 x 8Voltage - Supply (Vcc/Vdd)5.5 V ~ 18 VData ConvertersAID 6x10bOperating Temperature40°C ~ 85°C (TA)Mounting Type2.2 LQFP	Series	S12 MagniV
Speed32MHzConnectivityPC, IrDA, LINbus, SCI, SPI, UART/USARTPeripheralsLVD, POR, PWM, WDTNumber of I/O9Program Memory Size8KB (8K x 8)Program Memory TypeFLASHEEPROM Size128 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)5.5 V ~ 18 VData ConvertersAlto 6x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type32-LQFP	Core Processor	S12Z
Connectivity PC, IrDA, LINbus, SCI, SPI, UART/USART Peripherals LVD, POR, PWM, WDT Number of I/O 19 Program Memory Size 8KB (8K x 8) Program Memory Type FLASH EEPROM Size 128 x 8 RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 5.5 V ~ 18 V Data Converters A/D 6x10b Operating Temperature -40°C ~ 85°C (TA) Mounting Type 32-LQFP	Core Size	16-Bit
PeripheralsLVD, POR, PWM, WDTPumber of I/O19Program Memory Size8KB (8K x 8)Program Memory TypeFLASHEEPROM Size128 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)5.5 V ~ 18 VData ConvertersA/D 6x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type3-LQFP	Speed	32MHz
Number of I/O19Program Memory Size8KB (8K x 8)Program Memory TypeFLASHEEPROM Size128 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)5.5 V ~ 18 VData ConvertersA/D 6x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type32LQFP	Connectivity	I ² C, IrDA, LINbus, SCI, SPI, UART/USART
Program Memory Size8KB (8K x 8)Program Memory TypeFLASHEEPROM Size128 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)5.5 V ~ 18 VData ConvertersA/D 6x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case32-LQFP	Peripherals	LVD, POR, PWM, WDT
Program Memory TypeFLASHFEPROM Size128 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)5.5 V ~ 18 VData ConvertersA/D 6x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case32-LQFP	Number of I/O	19
EEPROM Size128 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)5.5 V ~ 18 VData ConvertersA/D 6x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case32-LQFP	Program Memory Size	8KB (8K x 8)
RAM Size512 x 8Voltage - Supply (Vcc/Vdd)5.5 V ~ 18 VData ConvertersA/D 6x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case32-LQFP	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)5.5 V ~ 18 VData ConvertersA/D 6x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case32-LQFP	EEPROM Size	128 x 8
Data ConvertersA/D 6x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case32-LQFP	RAM Size	512 x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case32-LQFP	Voltage - Supply (Vcc/Vdd)	5.5 V ~ 18 V
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case32-LQFP	Data Converters	A/D 6x10b
Mounting Type-Package / Case32-LQFP	Oscillator Type	Internal
Package / Case 32-LQFP	Operating Temperature	-40°C ~ 85°C (TA)
-	Mounting Type	-
	Package / Case	32-LQFP
Supplier Device Package 32-LQFP (/x/)	Supplier Device Package	32-LQFP (7x7)
Report errors?		Report errors?

S9S12ZVL8F0CLC 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.

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