

S9S12GA128F0VLF

S9S12GA128F0VLF Information

	Part Number Manufacturer Category Description Package	S9S12GA128F0VLF NXP Integrated Circuits (ICs) Embedded - Microcontrollers 16-BIT MCU S12 CORE 128KB FLAS 48-LQFP For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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S9S12GA128F0VLF Specifications

ManufacturerNXPCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage48-LQFPSeriesHCS12Core Processor12V1Core Size16-BitSpeed25MHzConnectivityCANbus, IrDA, LINbus, SCI, SPIPeripheralsLVD, POR, PWM, WDTNumber of I/O40Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size8K x 8Notage - Supply (Vcc/Vdd)3.13 V ~ 5.5 VData ConvertersA/D 12x12bOscillator TypeInternalOperating Temperature40°C ~ 105°C (TA)Mounting Type-Package / Case48-LQFP		
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Embeddef - MicrocontrollersPackage48-LQFPSeriesHCS12Core Processor12V1Core Size16-BitSpeed25MHzConnectivityCANbus, IrDA, LINbus, SCI, SPIPeripheralsLVD, POR, PWM, WDTNumber of I/O40Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size3.13 V ~ 5.5 VNutage - Supply (Vcc/Vdd)3.13 V ~ 5.5 VData ConvertersMoltagenatureOperating Temperature40°C ~ 105°C (TA)Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (Tx7)	Manufacturer	NXP
Package48-LQFPSeriesHCS12Core Processor12V1Core Size16-BitSpeed25MHzConnectivityCANbus, IrDA, LINbus, SCI, SPIPeripheralsLVD, POR, PWM, WDTNumber of I/O40Program Memory Size128KB (128K x 8)PERPOM SizeKx 8RAM SizeSKX 8Voltage - Supply (Vcc/Vdd)3.13 V ~ 5.5 VData ConvertersInternalOperating Temperature40°C ~ 105°C (TA)Photogram SpeedSternalSternal SpeedSternalSupplier Device Package48-LQFP (x7)	Category	Integrated Circuits (ICs)
SeriesHCS12Core Processor12V1Core Size16-BitSpeed25MHzConnectivityCANbus, IrDA, LINbus, SCI, SPIPeripheralsLVD, POR, PWM, WDTNumber of I/O40Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size8K x 8Voltage - Supply (Vcc/Vdd)3.13 V ~ 5.5 VData ConvertersA/D 12x12bOscillator Type-Program Temperature-Prokage / Case48-LQFPSupplier Device Package48-LQFP (7x7)		Embedded - Microcontrollers
Core Processor12V1Core Size16-BitSpeed25MHzConnectivityCANbus, IrDA, LINbus, SCI, SPIPeripheralsLVD, POR, PWM, WDTNumber of I/O40Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size4K x 8Voltage - Supply (Vcc/Vdd)3.13 V ~ 5.5 VData ConvertersA/D 12x12bOscillator TypeInternalOperating Temperature-Prokage / Case48-LQFPSupplier Device Package48-LQFP (x7)	Package	48-LQFP
Core Size16-BitSpeed25MHzConnectivityCANbus, IrDA, LINbus, SCI, SPIPeripheralsLVD, POR, PWM, WDTNumber of I/O40Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size8K x 8Voltage - Supply (Vcc/Vdd)3.13 V ~ 5.5 VData ConvertersA/D 12x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case48-LQFP (7x7)	Series	HCS12
Speed25MHzConnectivityCANbus, IrDA, LINbus, SCI, SPIPeripheralsLVD, POR, PWM, WDTNumber of I/O40Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size4K x 8RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3.13 V ~ 5.5 VData ConvertersA/D 12x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Core Processor	12V1
Connectivity CANbus, IrDA, LINbus, SCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 40 Program Memory Size 128KB (128K x 8) Program Memory Type FLASH EEPROM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 3.13 V ~ 5.5 V Data Converters A/D 12x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Package / Case 48-LQFP Supplier Device Package 48-LQFP (7x7)	Core Size	16-Bit
Peripherals LVD, POR, PWM, WDT Number of I/O 40 Program Memory Size 128KB (128K x 8) Program Memory Type FLASH EEPROM Size 4K x 8 RAM Size 8K x 8 Voltage - Supply (Vcc/Vdd) 3.13 V ~ 5.5 V Data Converters A/D 12x12b Operating Temperature -40°C ~ 105°C (TA) Package / Case 48-LQFP (7x7)	Speed	25MHz
Number of I/O 40 Program Memory Size 128KB (128K x 8) Program Memory Type FLASH EEPROM Size 4K x 8 RAM Size 8K x 8 Voltage - Supply (Vcc/Vdd) 3.13 V ~ 5.5 V Data Converters A/D 12x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Package / Case 48-LQFP Supplier Device Package 48-LQFP (7x7)	Connectivity	CANbus, IrDA, LINbus, SCI, SPI
Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size4K x 8RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3.13 V ~ 5.5 VData ConvertersA/D 12x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case48-LQFP (7x7)	Peripherals	LVD, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size4K x 8RAM Size8K x 8Voltage - Supply (Vcc/Vd)3.13 V ~ 5.5 VData ConvertersA/D 12x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Number of I/O	40
EEPROM Size4K x 8RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3.13 V ~ 5.5 VData ConvertersA/D 12x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Program Memory Size	128KB (128K x 8)
RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3.13 V ~ 5.5 VData ConvertersA/D 12x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) 3.13 V ~ 5.5 VData ConvertersA/D 12x12bOscillator TypeInternalOperating Temperature -40° C ~ 105° C (TA)Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP ($7x7$)	EEPROM Size	4K x 8
Data ConvertersA/D 12x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	RAM Size	8K x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Voltage - Supply (Vcc/Vdd)	3.13 V ~ 5.5 V
Operating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Data Converters	A/D 12x12b
Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Oscillator Type	Internal
Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Operating Temperature	-40°C ~ 105°C (TA)
Supplier Device Package48-LQFP (7x7)	Mounting Type	-
	Package / Case	48-LQFP
Report errors?	Supplier Device Package	48-LQFP (7x7)
		Report errors?

S9S12GA128F0VLF 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.

S9S12GA128F0VLF Payment Methods





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