

S9S12GA48AMLFR

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S9S12GA48AMLFR Information

	Part Number	S9S12GA48AMLFR	
	Manufacturer	NXP	(5156-83)
	Category	Integrated Circuits (ICs) Embedded - Microcontrollers	
	Description	12-BIT ADC SPE TST SCREE	
	Package	48-LQFP	
		For the pricing/inventory/lead time, please contact us	Elernik a
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Qu

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S9S12GA48AMLFR Specifications

Manufacturer NXP Category Integrated Circuits (ICs) Embedded - Microcontrollers Embedded - Microcontrollers Package 48-LQFP Series HCS 12 Core Processor 12V1 Core Size 16-Bit Speed 25MHz Connectivity CANbus, IrDA, LINbus, SCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 48KB (48K x 8) Program Memory Size FLASH EEPROM Size 1.5K x 8 RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 3.13 V ~ 5.5 V Data Converters A/D 12x12b		
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Series HCS12 Core Processor 12V1 Core Size 16-Bit Speed 25MHz Connectivity CANbus, IrDA, LINbus, SCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 40 Program Memory Size 48KB (48K x 8) Program Memory Type FLASH EEPROM Size 1.5K x 8 RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 3.13 V ~ 5.5 V Data Converters A/D 12x12b		Embedded - Microcontrollers
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Core Size16-BitSpeed25MHzConnectivityCANbus, IrDA, LINbus, SCI, SPIPeripheralsLVD, POR, PWM, WDTNumber of I/O40Program Memory SizeFLASHProgram Memory Type5LASHEEPROM Size1.5K x 8RAM Size4K x 8Voltage - Supply (Vcc/Vdd)3.13 V ~ 5.5 VData ConvertersA/D 12x12b	Series	HCS12
Speed 25MHz Connectivity CANbus, IrDA, LINbus, SCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 40 Program Memory Size 48KB (48K x 8) Program Memory Type FLASH EEPROM Size 1.5K x 8 RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 3.13 V ~ 5.5 V Data Converters A/D 12x12b	Core Processor	12V1
ICANbus, IrDA, LINbus, SCI, SPIConnectivityCANbus, IrDA, LINbus, SCI, SPIPeripheralsLVD, POR, PWM, WDTNumber of I/O40Program Memory Size48KB (48K x 8)Program Memory TypeFLASHEEPROM Size1.5K x 8RAM Size4K x 8Voltage - Supply (Vcc/Vdd)3.13 V ~ 5.5 VData ConvertersA/D 12x12b	Core Size	16-Bit
Peripherals LVD, POR, PWM, WDT Number of I/O 40 Program Memory Size 48KB (48K x 8) Program Memory Type FLASH EEPROM Size 1.5K x 8 RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 3.13 V ~ 5.5 V Data Converters A/D 12x12b	Speed	25MHz
Number of I/O 40 Program Memory Size 48KB (48K x 8) Program Memory Type FLASH EEPROM Size 1.5K x 8 RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 3.13 V ~ 5.5 V Data Converters A/D 12x12b	Connectivity	CANbus, IrDA, LINbus, SCI, SPI
Program Memory Size48KB (48K x 8)Program Memory TypeFLASHEEPROM Size1.5K x 8RAM Size4K x 8Voltage - Supply (Vcc/Vdd)3.13 V ~ 5.5 VData ConvertersA/D 12x12b	Peripherals	LVD, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size1.5K x 8RAM Size4K x 8Voltage - Supply (Vcc/Vdd)3.13 V ~ 5.5 VData ConvertersA/D 12x12b	Number of I/O	40
EEPROM Size1.5K x 8RAM Size4K x 8Voltage - Supply (Vcc/Vdd)3.13 V ~ 5.5 VData ConvertersA/D 12x12b	Program Memory Size	48KB (48K x 8)
RAM Size4K x 8Voltage - Supply (Vcc/Vdd)3.13 V ~ 5.5 VData ConvertersA/D 12x12b	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) $3.13 V \sim 5.5 V$ Data ConvertersA/D 12x12b	EEPROM Size	1.5K x 8
Data Converters A/D 12x12b	RAM Size	4K x 8
	Voltage - Supply (Vcc/Vdd)	3.13 V ~ 5.5 V
	Data Converters	A/D 12x12b
Jscillator Type Internal	Oscillator Type	Internal
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA)	Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type -	Mounting Type	-
Package / Case 48-LQFP	Package / Case	48-LQFP
Supplier Device Package48-LQFP (7x7)	Supplier Device Package	48-LQFP (7x7)
Report errors?		Report errors?

S9S12GA48AMLFR Guarantees



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