



S9S12G48F0CLFR Information



For Reference Only

Part Number S9S12G48F0CLFR

Manufacturer NXP

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

Description 16-BIT MCU S12 CORE 48KB FLASH

Package 48-LQFF

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









S9S12G48F0CLFR Specifications

Manufacturer Part Number S9S12G48F0CLFR Manufacturer NXP Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 48-LQFP 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	•	
Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 48-LQFP 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	Manufacturer Part Number	S9S12G48F0CLFR
Embedded - Microcontrollers Package 48-LQFP 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	Manufacturer	NXP
Package 48-LQFP 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	Category	Integrated Circuits (ICs)
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		Embedded - Microcontrollers
Core Processor Core Size 16-Bit Speed 25MHz Connectivity CANbus, IrDA, LINbus, SCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O Program Memory Size 48KB (48K x 8) Program Memory Type FLASH EEPROM Size 1.5K x 8	Package	48-LQFP
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	Series	HCS12
Speed25MHzConnectivityCANbus, IrDA, LINbus, SCI, SPIPeripheralsLVD, POR, PWM, WDTNumber of I/O40Program Memory Size48KB (48K x 8)Program Memory TypeFLASHEEPROM Size1.5K x 8	Core Processor	12V1
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	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	Speed	25MHz
Number of I/O 40 Program Memory Size 48KB (48K x 8) Program Memory Type FLASH EEPROM Size 1.5K x 8	Connectivity	CANbus, IrDA, LINbus, SCI, SPI
Program Memory Size 48KB (48K x 8) Program Memory Type FLASH EEPROM Size 1.5K x 8	Peripherals	LVD, POR, PWM, WDT
Program Memory Type FLASH EEPROM Size 1.5K x 8	Number of I/O	40
EEPROM Size 1.5K x 8	Program Memory Size	48KB (48K x 8)
	Program Memory Type	FLASH
RAM Size 4K x 8	EEPROM Size	1.5K x 8
	RAM Size	4K x 8
Voltage - Supply (Vcc/Vdd) $3.13 \text{ V} \sim 5.5 \text{ V}$	Voltage - Supply (Vcc/Vdd)	3.13 V ~ 5.5 V
Data Converters A/D 12x10b	Data Converters	A/D 12x10b
Oscillator Type Internal	Oscillator Type	Internal
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$	Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type -	Mounting Type	-
Package / Case 48-LQFP	Package / Case	48-LQFP
Supplier Device Package 48-LQFP (7x7)	Supplier Device Package	48-LQFP (7x7)
Report errors?		Report errors

S9S12G48F0CLFR 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.

S9S12G48F0CLFR Payment Methods





















S9S12G48F0CLFR Shipping Methods













If you have any question about S9S12G48F0CLFR, please do not hesitate to contact us!

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