

**S9S12GN32F1CLC Information**


For Reference Only

**Part Number** [S9S12GN32F1CLC](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** 16-BIT MCU S12 CORE 32KB FLASH  
**Package** 32-LQFP  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**S9S12GN32F1CLC Specifications**

|                                |  |
|--------------------------------|--|
| Manufacturer Part Number       | <a href="#">S9S12GN32F1CLC</a>   |
| Manufacturer                   | NXP  |
| Category                       | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                        | 32-LQFP  |
| Series                         | HCS12  |
| Core Processor                 | 12V1   |
| Core Size                      | 16-Bit   |
| Speed                          | 25MHz  |
| Connectivity                   | IrDA, LINbus, SCI, SPI   |
| Peripherals                    | LVD, POR, PWM, WDT   |
| Number of I/O                  | 26   |
| Program Memory Size            | 32KB (32K x 8)   |
| Program Memory Type            | FLASH  |
| EEPROM Size                    | 1K x 8   |
| RAM Size                       | 2K x 8   |
| Voltage - Supply (Vcc/Vdd)     | 3.13 V ~ 5.5 V   |
| Data Converters                | A/D 8x10b  |
| Oscillator Type                | Internal   |
| Operating Temperature          | -40°C ~ 85°C (TA)  |
| Mounting Type                  | -  |
| Package / Case                 | 32-LQFP  |
| Supplier Device Package        | 32-LQFP (7x7)  |
| <a href="#">Report errors?</a> |  |

## S9S12GN32F1CLC 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.

## S9S12GN32F1CLC Payment Methods



## S9S12GN32F1CLC Shipping Methods



If you have any question about S9S12GN32F1CLC, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)