

**S9S12GN32ACLF Information**


For Reference Only

**Part Number** [S9S12GN32ACLF](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** 16-BIT32K FLASH2K RAM  
**Package** 48-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.


**S9S12GN32ACLF Specifications**

|                            |                                                                          |
|----------------------------|--------------------------------------------------------------------------|
| Manufacturer Part Number   | <a href="#">S9S12GN32ACLF</a>                                            |
| Manufacturer               | NXP                                                                      |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 48-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              | 40                                                                       |
| 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             | 48-LQFP                                                                  |
| Supplier Device Package    | 48-LQFP (7x7)                                                            |

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## S9S12GN32ACLF 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.

## S9S12GN32ACLF Payment Methods



## S9S12GN32ACLF Shipping Methods



If you have any question about S9S12GN32ACLF, please do not hesitate to contact us!

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

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