

S9S12GN16AMLF Information


For Reference Only

Part Number [S9S12GN16AMLF](#)
Manufacturer NXP
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description 16-BIT16K FLASH2K RAM
Package 48-LQFP
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


S9S12GN16AMLF Specifications

| | |
|----------------------------|--|
| Manufacturer Part Number | S9S12GN16AMLF |
| Manufacturer | NXP |
| Category | Integrated Circuits (ICs) Embedded - Microcontrollers |
| 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 | 16KB (16K x 8) |
| Program Memory Type | FLASH |
| EEPROM Size | 512 x 8 |
| RAM Size | 1K x 8 |
| Voltage - Supply (Vcc/Vdd) | 3.13 V ~ 5.5 V |
| Data Converters | A/D 8x10b |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 125°C (TA) |
| Mounting Type | - |
| Package / Case | 48-LQFP |
| Supplier Device Package | 48-LQFP (7x7) |

[Report errors?](#)

S9S12GN16AMLF 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.

S9S12GN16AMLF Payment Methods



S9S12GN16AMLF Shipping Methods



If you have any question about S9S12GN16AMLF, please do not hesitate to contact us!

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