

**FS32K148HRT0VLQT Information**


For Reference Only

**Part Number** [FS32K148HRT0VLQT](#)
**Manufacturer** NXP

**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)
**Description** S32K148 32-BIT MCU ARM

**Package** 144-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.


**FS32K148HRT0VLQT Specifications**

Manufacturer Part Number	<a href="#">FS32K148HRT0VLQT</a>
Manufacturer	NXP
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	144-LQFP
Series	S32K
Core Processor	ARM® Cortex®-M4F
Core Size	32-Bit
Speed	80MHz
Connectivity	CANbus, Ethernet, FlexIO, I <sup>2</sup> C, LINbus, SPI, UART/USART
Peripherals	I <sup>2</sup> S, POR, PWM, WDT
Number of I/O	-
Program Memory Size	2MB (2M x 8)
Program Memory Type	FLASH
EEPROM Size	4K x 8
RAM Size	256K x 8
Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Data Converters	A/D 32x12b, D/A 1x8b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)
Mounting Type	-
Package / Case	144-LQFP
Supplier Device Package	144-LQFP (20x20)

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## FS32K148HRT0VLQT 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.

## FS32K148HRT0VLQT Payment Methods



## FS32K148HRT0VLQT Shipping Methods



If you have any question about FS32K148HRT0VLQT, please do not hesitate to contact us!

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