

**FS32K144UAT0VLHR Information**


For Reference Only

**Part Number** [FS32K144UAT0VLHR](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** S32K144 32-BIT MCU, ARM  
**Package** 64-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.


**FS32K144UAT0VLHR Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">FS32K144UAT0VLHR</a>   |
| Manufacturer               | NXP  |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 64-LQFP  |
| Series                     | S32K   |
| Core Processor             | ARM® Cortex®-M4F   |
| Core Size                  | 32-Bit   |
| Speed                      | 112MHz   |
| Connectivity               | CANbus, FlexIO, I <sup>2</sup> C, LINbus, SPI, UART/USART                |
| Peripherals                | POR, PWM, WDT  |
| Number of I/O              | -  |
| Program Memory Size        | 512KB (512K x 8)   |
| Program Memory Type        | FLASH  |
| EEPROM Size                | 4K x 8   |
| RAM Size                   | 64K x 8  |
| Voltage - Supply (Vcc/Vdd) | 2.7 V ~ 5.5 V  |
| Data Converters            | A/D 16x12b, D/A 1x8b   |
| Oscillator Type            | Internal   |
| Operating Temperature      | -40°C ~ 105°C (TA)   |
| Mounting Type              | -  |
| Package / Case             | 64-LQFP  |
| Supplier Device Package    | 64-LQFP (10x10)  |

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## FS32K144UAT0VLHR 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.

## FS32K144UAT0VLHR Payment Methods



## FS32K144UAT0VLHR Shipping Methods



If you have any question about FS32K144UAT0VLHR, please do not hesitate to contact us!

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