

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


[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	FS32K148HRT0VLQT
Manufacturer	NXP
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	144-LQFP
Series	S32K
Core Processor	ARM® Cortex®-M4F
Core Size	32-Bit
Speed	80MHz
Connectivity	CANbus, Ethernet, FlexIO, I ² C, LINbus, SPI, UART/USART
Peripherals	I ² 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



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