

**MKV56F1M0VLQ24 Information**


For Reference Only

**Part Number** [MKV56F1M0VLQ24](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** KINETIS KV56: 220MHZ CORTEX-M7F  
**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.


**MKV56F1M0VLQ24 Specifications**

Manufacturer Part Number	<a href="#">MKV56F1M0VLQ24</a>
Manufacturer	NXP
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	144-LQFP
Series	Kinetis KV
Core Processor	ARM® Cortex®-M7
Core Size	32-Bit
Speed	240MHz
Connectivity	CANbus, Ethernet, I <sup>2</sup> C, SPI, UART/USART
Peripherals	DMA, LVD, POR, PWM, WDT
Number of I/O	111
Program Memory Size	1MB (1M x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	256K x 8
Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Data Converters	A/D 4x12b, 1x16b, D/A 1x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)
Mounting Type	-
Package / Case	144-LQFP
Supplier Device Package	144-LQFP (20x20)

[Report errors?](#)

## MKV56F1M0VLQ24 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.

## MKV56F1M0VLQ24 Payment Methods



## MKV56F1M0VLQ24 Shipping Methods



If you have any question about MKV56F1M0VLQ24, please do not hesitate to contact us!

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