

**MKL16Z64VFT4R Information**


For Reference Only

**Part Number** [MKL16Z64VFT4R](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** KINETIS KL16: 48MHZ CORTEX-M0+ U  
**Package** 48-VFQFN Exposed Pad  
 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.


**MKL16Z64VFT4R Specifications**

Manufacturer Part Number	<a href="#">MKL16Z64VFT4R</a>
Manufacturer	NXP
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	48-VFQFN Exposed Pad
Series	Kinetis KL1
Core Processor	ARM® Cortex®-M0+
Core Size	32-Bit
Speed	48MHz
Connectivity	I <sup>2</sup> C, LINbus, SPI, TSI, UART/USART
Peripherals	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, LVD, POR, PWM, WDT
Number of I/O	40
Program Memory Size	64KB (64K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	8K x 8
Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Data Converters	A/D - 16bit, D/A - 12bit
Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)
Mounting Type	-
Package / Case	48-VFQFN Exposed Pad
Supplier Device Package	48-QFN (7x7)

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## MKL16Z64VFT4R 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.

## MKL16Z64VFT4R Payment Methods



## MKL16Z64VFT4R Shipping Methods



If you have any question about MKL16Z64VFT4R, please do not hesitate to contact us!

Website: <https://www.heisener.com>

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