

**MKL16Z128VFM4R Information**


For Reference Only

**Part Number** [MKL16Z128VFM4R](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** KINETIS KL16: 48MHZ CORTEX-M0+ U  
**Package** 32-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)



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**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.


**MKL16Z128VFM4R Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">MKL16Z128VFM4R</a>   |
| Manufacturer               | NXP  |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 32-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              | 28   |
| Program Memory Size        | 128KB (128K x 8)   |
| Program Memory Type        | FLASH  |
| EEPROM Size                | -  |
| RAM Size                   | 16K 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             | 32-VFQFN Exposed Pad   |
| Supplier Device Package    | 32-QFN (5x5)   |

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## MKL16Z128VFM4R 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.

## MKL16Z128VFM4R Payment Methods



## MKL16Z128VFM4R Shipping Methods



If you have any question about MKL16Z128VFM4R, please do not hesitate to contact us!

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