

**MKE16F512VLL16 Information**


For Reference Only

**Part Number** [MKE16F512VLL16](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** KINETIS KE16F: 160MHZ CORTEX-M4F  
**Package** 100-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.


**MKE16F512VLL16 Specifications**

Manufacturer Part Number	<a href="#">MKE16F512VLL16</a>
Manufacturer	NXP
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	100-LQFP
Series	Kinetis KE1xF
Core Processor	ARM® Cortex®-M4F
Core Size	32-Bit
Speed	168MHz
Connectivity	CANbus, FlexIO, I <sup>2</sup> C, SPI, UART/USART
Peripherals	DMA, LVD, PWM, WDT
Number of I/O	89
Program Memory Size	512KB (512K x 8)
Program Memory Type	FLASH
EEPROM Size	68K x 8
RAM Size	64K x 8
Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Data Converters	A/D 16x12b, D/A 1x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)
Mounting Type	-
Package / Case	100-LQFP
Supplier Device Package	100-LQFP (14x14)
	<a href="#">Report errors?</a>

## MKE16F512VLL16 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.

## MKE16F512VLL16 Payment Methods



## MKE16F512VLL16 Shipping Methods



If you have any question about MKE16F512VLL16, please do not hesitate to contact us!

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