

MKE16F512VLH16 Information


For Reference Only

Part Number [MKE16F512VLH16](#)
Manufacturer NXP
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description KINETIS KE16F: 160MHZ CORTEX-M4F
Package 64-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.


MKE16F512VLH16 Specifications

Manufacturer Part Number	MKE16F512VLH16
Manufacturer	NXP
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	64-LQFP
Series	Kinetis KE1xF
Core Processor	ARM® Cortex®-M4F
Core Size	32-Bit
Speed	168MHz
Connectivity	CANbus, FlexIO, I ² C, SPI, UART/USART
Peripherals	DMA, LVD, PWM, WDT
Number of I/O	58
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	64-LQFP
Supplier Device Package	64-LQFP (10x10)
	Report errors?

MKE16F512VLH16 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.

MKE16F512VLH16 Payment Methods



MKE16F512VLH16 Shipping Methods



If you have any question about MKE16F512VLH16, please do not hesitate to contact us!

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