

MKV31F512VLH12R Information


For Reference Only

Part Number [MKV31F512VLH12R](#)
Manufacturer NXP
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description KINETIS KV31: 120MHZ 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.


MKV31F512VLH12R Specifications

Manufacturer Part Number	MKV31F512VLH12R
Manufacturer	NXP
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	64-LQFP
Series	Kinetis KV
Core Processor	ARM® Cortex®-M4
Core Size	32-Bit
Speed	120MHz
Connectivity	I ² C, SPI, UART/USART
Peripherals	DMA, PWM, WDT
Number of I/O	46
Program Memory Size	512KB (512K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	96K x 8
Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Data Converters	A/D 2x16b, 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?](#)

MKV31F512VLH12R 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.

MKV31F512VLH12R Payment Methods



MKV31F512VLH12R Shipping Methods



If you have any question about MKV31F512VLH12R, please do not hesitate to contact us!

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