

MKL16Z256VLH4R Information


For Reference Only

Part Number [MKL16Z256VLH4R](#)
Manufacturer NXP
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description KINETIS KL16: 48MHZ CORTEX-M0+ U
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.


MKL16Z256VLH4R Specifications

Manufacturer Part Number	MKL16Z256VLH4R
Manufacturer	NXP
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	64-LQFP
Series	Kinetis KL1
Core Processor	ARM® Cortex®-M0+
Core Size	32-Bit
Speed	48MHz
Connectivity	I²C, LINbus, SPI, TSI, UART/USART
Peripherals	Brown-out Detect/Reset, DMA, I²S, LVD, POR, PWM, WDT
Number of I/O	54
Program Memory Size	256KB (256K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	32K 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	64-LQFP
Supplier Device Package	64-LQFP (10x10)

[Report errors?](#)

MKL16Z256VLH4R 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.

MKL16Z256VLH4R Payment Methods



MKL16Z256VLH4R Shipping Methods



If you have any question about MKL16Z256VLH4R, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com