

## MK10DN512ZVLK10

### MK10DN512ZVLK10 Information

Part Number MK10DN512ZVLK10

Manufacturer NXP

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

**Description** IC MCU 32BIT 512KB FLASH 80LQFP

Package 80-LQFF

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

## **Certified Quality**

For Reference Only

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.









# MK10DN512ZVLK10 Specifications

Category	Integrated Circuits (ICs) Embedded - Microcontrollers	
Daaltaga	Embedded - Microcontrollers  80-LQFP	
Package		
Series	Kinetis K10	
Core Processor	ARM? Cortex?-M4	
Core Size	32-Bit	
Speed	100MHz	
Connectivity	CAN, EBI/EMI, I2C, IrDA, SD, SPI, UART/USART	
Peripherals	DMA, I2S, LVD, POR, PWM, WDT	
Number of I/O	56	
Program Memory Size	512KB (512K x 8)	
Program Memory Type	FLASH	
EEPROM Size	-	
RAM Size	128K x 8	
Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V	
Data Converters	A/D 37x16b, D/A 1x12b	
Oscillator Type	Internal	
Operating Temperature	$-40^{\circ}\text{C} \sim 105^{\circ}\text{C} \text{ (TA)}$	
Mounting Type	-	
Package / Case	80-LQFP	
Supplier Device Package	80-LQFP (12x12)	
		Report errors?

#### MK10DN512ZVLK10 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.

### MK10DN512ZVLK10 Payment Methods









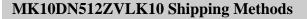
























If you have any question about MK10DN512ZVLK10, please do not hesitate to contact us!

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