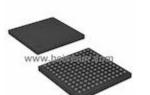


# **MK20DN512ZVMD10**

#### MK20DN512ZVMD10 Information



For Reference Only

Part Number MK20DN512ZVMD10

Manufacturer NXP

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

**Description** IC MCU 32BIT 512KB FLASH 144BGA

Package 144-LBGA

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.









## MK20DN512ZVMD10 Specifications

Manufacturer Part Number	MK20DN512ZVMD10	
Manufacturer	NXP	
Category	Integrated Circuits (ICs)	
Cutegory	Embedded - Microcontrollers	
Package	144-LBGA	
Series	Kinetis K20	
Core Processor	ARM? Cortex?-M4	
Core Size	32-Bit	
Speed	100MHz	
•	CAN, EBI/EMI, I2C, IrDA, SD, SPI, UART/USART, USB, USB OTG	
Connectivity		
Peripherals	DMA, I2S, LVD, POR, PWM, WDT	
Number of I/O	100	
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 42x16b, D/A 2x12b	
Oscillator Type	Internal	
Operating Temperature	-40°C ~ 105°C (TA)	
Mounting Type	-	
Package / Case	144-LBGA	
Supplier Device Package	144-MAPBGA (13x13)	
		Report errors?

#### MK20DN512ZVMD10 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.

## MK20DN512ZVMD10 Payment Methods



















### MK20DN512ZVMD10 Shipping Methods













If you have any question about MK20DN512ZVMD10, please do not hesitate to contact us!

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