

MK51DN512ZCLQ10

MK51DN512ZCLQ10 Information



For Reference Only

Part Number MK51DN512ZCLQ10

Manufacturer NXP

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

Description IC MCU 32BIT 512KB FLASH 144LQFP

Package 144-LQFI

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.









MK51DN512ZCLQ10 Specifications

Manufacturer Part Number	MK51DN512ZCLQ10	
Manufacturer	NXP	
Category	Integrated Circuits (ICs)	
	Embedded - Microcontrollers	
Package	144-LQFP	
Series	Kinetis K50	
Core Processor	ARM? Cortex?-M4	
Core Size	32-Bit	
Speed	100MHz	
Connectivity	EBI/EMI, I2C, IrDA, SD, SPI, UART/USART, USB, USB OTG	
Peripherals	DMA, I2S, LCD, LVD, POR, PWM, WDT	
Number of I/O	94	
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 41x16b, D/A 2x12b	
Oscillator Type	Internal	
Operating Temperature	-40°C ~ 85°C (TA)	
Mounting Type	-	
Package / Case	144-LQFP	
Supplier Device Package	144-LQFP (20x20)	
		Report errors?

MK51DN512ZCLQ10 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.

MK51DN512ZCLQ10 Payment Methods



















MK51DN512ZCLQ10 Shipping Methods













If you have any question about MK51DN512ZCLQ10, please do not hesitate to contact us!

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