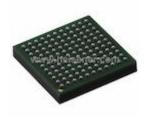




### MK51DX256CMC10 Information



For Reference Only

Part Number MK51DX256CMC10

Manufacturer NXP

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

**Description** IC MCU 32BIT 256KB FLASH 121BGA

Package 121-LFBGA

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.









# MK51DX256CMC10 Specifications

Manufacturer Part Number	MK51DX256CMC10
Manufacturer	NXP
Category	Integrated Circuits (ICs)
	Embedded - Microcontrollers
Package	121-LFBGA
Series	Kinetis K50
Core Processor	ARM? Cortex?-M4
Core Size	32-Bit
Speed	100MHz
Connectivity	I2C, IrDA, SPI, UART/USART, USB, USB OTG
Peripherals	DMA, I2S, LCD, LVD, POR, PWM, WDT
Number of I/O	78
Program Memory Size	256KB (256K x 8)
Program Memory Type	FLASH
EEPROM Size	4K x 8
RAM Size	64K x 8
Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Data Converters	A/D 37x16b, D/A 2x12b
Oscillator Type	Internal
Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
Mounting Type	-
Package / Case	121-LFBGA
Supplier Device Package	121-MAPBGA (8x8)
	Report errors?

## MK51DX256CMC10 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.

## MK51DX256CMC10 Payment Methods



















# MK51DX256CMC10 Shipping Methods













If you have any question about MK51DX256CMC10, please do not hesitate to contact us!

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