

MK51DX256CML7 Information


For Reference Only

Part Number [MK51DX256CML7](#)
Manufacturer NXP
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 256KB FLASH 104BGA
Package 104-LFBGA
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


MK51DX256CML7 Specifications

Manufacturer Part Number	MK51DX256CML7
Manufacturer	NXP
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	104-LFBGA
Series	Kinetis K50
Core Processor	ARM? Cortex?-M4
Core Size	32-Bit
Speed	72MHz
Connectivity	I2C, IrDA, SPI, UART/USART, USB, USB OTG
Peripherals	DMA, I2S, LVD, POR, PWM, WDT
Number of I/O	61
Program Memory Size	256KB (256K x 8)
Program Memory Type	FLASH
EEPROM Size	2K x 8
RAM Size	64K x 8
Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Data Converters	A/D 25x16b, D/A 1x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	104-LFBGA
Supplier Device Package	104-MAPBGA (10x10)

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MK51DX256CML7 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.

MK51DX256CML7 Payment Methods



MK51DX256CML7 Shipping Methods



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