

MK10DX256VMB7 Information


For Reference Only

Part Number [MK10DX256VMB7](#)
Manufacturer NXP
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 256KB FLASH 81BGA
Package 81-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.


MK10DX256VMB7 Specifications

Manufacturer Part Number	MK10DX256VMB7
Manufacturer	NXP
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	81-LBGA
Series	Kinetis K10
Core Processor	ARM? Cortex?-M4
Core Size	32-Bit
Speed	72MHz
Connectivity	CAN, EBI/EMI, I2C, IrDA, SPI, UART/USART
Peripherals	DMA, I2S, LVD, POR, PWM, WDT
Number of I/O	57
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 39x16b, D/A 1x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)
Mounting Type	-
Package / Case	81-LBGA
Supplier Device Package	81-MAPBGA (10x10)

[Report errors?](#)

MK10DX256VMB7 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.

MK10DX256VMB7 Payment Methods



MK10DX256VMB7 Shipping Methods



If you have any question about MK10DX256VMB7, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com