

MK12DN512VLK5 Information


For Reference Only

Part Number [MK12DN512VLK5](#)
Manufacturer NXP
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 512KB FLASH 80LQFP
Package 80-LQFP
 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.


MK12DN512VLK5 Specifications

| | |
|----------------------------|--|
| Manufacturer Part Number | MK12DN512VLK5 |
| Manufacturer | NXP |
| Category | Integrated Circuits (ICs) Embedded - Microcontrollers |
| Package | 80-LQFP |
| Series | Kinetis K10 |
| Core Processor | ARM? Cortex?-M4 |
| Core Size | 32-Bit |
| Speed | 50MHz |
| Connectivity | I2C, IrDA, SPI, UART/USART |
| Peripherals | DMA, I2S, LVD, POR, PWM, WDT |
| Number of I/O | 60 |
| Program Memory Size | 512KB (512K x 8) |
| Program Memory Type | FLASH |
| EEPROM Size | - |
| RAM Size | 64K x 8 |
| Voltage - Supply (Vcc/Vdd) | 1.71 V ~ 3.6 V |
| Data Converters | A/D 24x16b, D/A 1x12b |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 105°C (TA) |
| Mounting Type | - |
| Package / Case | 80-LQFP |
| Supplier Device Package | 80-LQFP (12x12) |

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MK12DN512VLK5 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.

MK12DN512VLK5 Payment Methods



MK12DN512VLK5 Shipping Methods



If you have any question about MK12DN512VLK5, please do not hesitate to contact us!

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