

ARM MCU, K1 Baseline Series, Kinetis K Family K1x Series Microcontrollers, ARM Cortex-M4, 32bit

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	LQFP-100
Product Type	Integrated Circuits (ICs)
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MK10DN512VLL10 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

MK10DN512VLL10 is a microcontroller from the Kinetis K series, which is manufactured by NXP Semiconductors. Here are some of its features:

### Features

It is based on the ARM Cortex-M4 core, which operates at up to 100 MHz.

It has 512 KB of flash memory and 128 KB of SRAM.

It has a range of peripherals, including multiple timers, UARTs, SPI, I2C, CAN, ADC, and DAC.

It has a variety of security features, including a hardware random number generator, a CRC module, and support for secure boot.

### Application

Industrial control systems

Automotive systems

Motor control

Consumer electronics

Internet of Things (IoT) devices



## Related Products



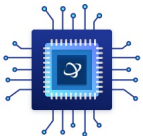
### [PMK35EP](#)

NXP Semiconductor  
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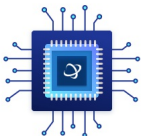
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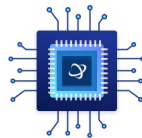
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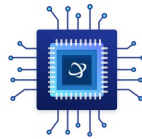
### [SYF532R2CMK4](#)

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### [MK64FN1MOVLQ12](#)

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