

MCU 32-bit ARM Cortex M4 RISC 512KB Flash 1.8V/2.5V/3.3V 144-Pin LQFP Tray

Manufacturers	NXP Semiconductor
Package/Case	LQFP-144
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MK60DN512ZVLQ10 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

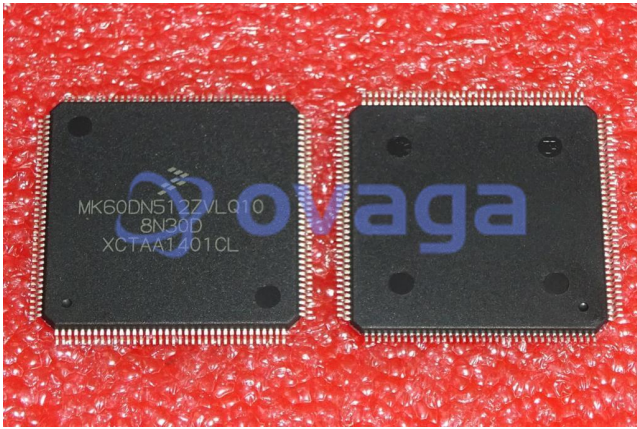
MK60DN512ZVLQ10 is a microcontroller from NXP Semiconductors, which belongs to the Kinetis K6x series. It is a 32-bit ARM Cortex-M4 processor with a clock speed of up to 120 MHz and a memory capacity of 512 KB flash and 128 KB SRAM.

Features

- Integrated peripherals such as USB, Ethernet, CAN, and ADC
- Low power consumption
- Support for a wide range of communication interfaces, including SPI, I2C, UART, and GPIO
- High-speed data processing capabilities
- Built-in security features, including hardware encryption and tamper detection

Application

- Industrial control systems
- Automotive systems
- Medical devices
- Consumer electronics
- Internet of Things (IoT) devices
- Smart home automation systems



Related Products



[MKE04Z128VLH4](#)

NXP Semiconductor
LQFP-64



[MKV46F256VLL16](#)

NXP Semiconductor
100-LQFP



[MKL26Z128VLH4](#)

NXP Semiconductor
LQFP-64



[MKL16Z64VLH4](#)

NXP Semiconductor
LQFP-64



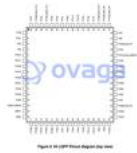
[MKE02Z64VQH4](#)

NXP Semiconductor
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[MKL26Z256VMP4](#)

NXP Semiconductor
64-LFBGA



[MKL17Z64VLH4](#)

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[MKL03Z32VFK4](#)

NXP Semiconductor
QFN-24