

ARM MCU, K6 Ethernet Series, Kinetis K Family K6x Series Microcontrollers, ARM Cortex-M4, 32bit

| | |
|---------------|-----------------------------------|
| Manufacturers | NXP Semiconductor |
| Package/Case | LQFP-100 |
| Product Type | Embedded Processors & Controllers |
| RoHS | Rohs |
| Lifecycle | |



Images are for reference only

Please submit RFQ for MK60DN512VLL10 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MK60DN512VLL10 is a microcontroller chip made by NXP Semiconductors. It belongs to the Kinetis K60 family of microcontrollers and is based on the ARM Cortex-M4 core.

Features

Operating frequency up to 120 MHz

512 KB flash memory and 128 KB RAM

Multiple communication interfaces including USB, CAN, UART, SPI, and I2C

Analog peripherals including 16-bit ADC and 12-bit DAC

Security features such as a random number generator and tamper detection

Application

Industrial control and automation systems

Automotive applications, such as engine control and infotainment systems

Medical devices, such as patient monitoring equipment

Consumer electronics, such as smart home devices and wearable technology



Related Products



[MKE04Z128VLH4](#)

NXP Semiconductor
LQFP-64



[MKV46F256VLL16](#)

NXP Semiconductor
100-LQFP



[MKL26Z128VLH4](#)

NXP Semiconductor
LQFP-64



[MKL16Z64VLH4](#)

NXP Semiconductor
LQFP-64



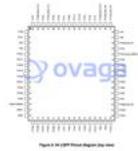
[MKE02Z64VQH4](#)

NXP Semiconductor
QFP-64



[MKL26Z256VMP4](#)

NXP Semiconductor
64-LFBGA



[MKL17Z64VLH4](#)

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[MKL03Z32VEK4](#)

NXP Semiconductor
QFN-24