

ARM MCU, Kinetis L Family KL1x Series Microcontrollers, ARM Cortex-M0+, 32bit, 48 MHz, 64 KB, 8 KB

Manufacturers	NXP Semiconductor
Package/Case	LQFP-64
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MKL16Z64VLH4 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

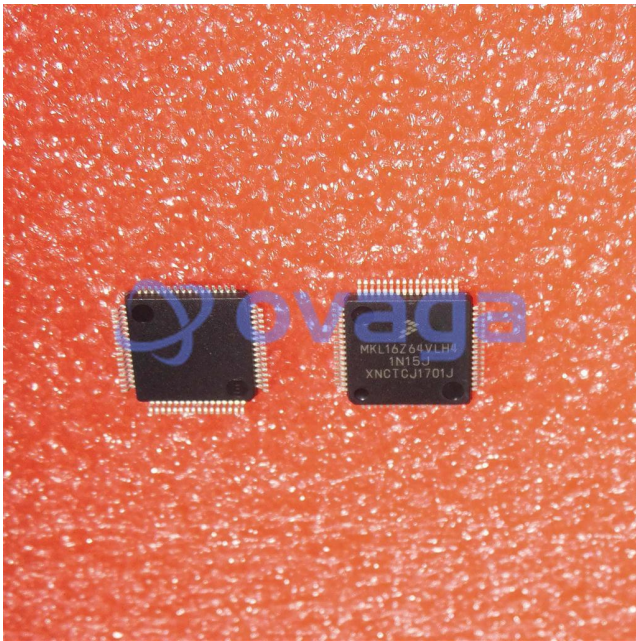
MKL16Z64VLH4 is a microcontroller from the NXP Kinetis L series of 32-bit ARM Cortex-M0+ based MCUs. It is designed for low-power, low-voltage applications and has a wide range of features and capabilities.

Features

- ARM Cortex-M0+ core running at up to 48 MHz
- 64 KB flash memory and 8 KB SRAM
- Multiple low-power modes for optimal power management
- Various communication interfaces such as I2C, SPI, UART, and CAN
- Analog-to-digital converter (ADC) with 12-bit resolution
- Timers and PWM channels for precise timing control
- Hardware encryption engine for secure data communication
- Small footprint package with 64 pins

Application

- Smart home automation systems
- Wearables and fitness trackers
- Portable medical devices
- Motor control and industrial automation
- Smart lighting and HVAC control
- Security and access control systems



Related Products



[MKE04Z128VLH4](#)

NXP Semiconductor
LQFP-64



[MKV46F256VLL16](#)

NXP Semiconductor
100-LQFP



[MKL26Z128VLH4](#)

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