

ARM MCU, Kinetis V Family KV4x Series Microcontrollers, ARM Cortex-M4, 32bit, 168 MHz, 256 KB

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



Images are for reference only

Please submit RFQ for MKV46F256VLL16 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MKV46F256VLL16 is a microcontroller unit (MCU) from NXP Semiconductors. It is a member of the Kinetis K27/K28 family of MCUs based on the Arm Cortex-M4 core.

Features

- 256KB flash memory
- 256KB SRAM
- 2MB embedded flash memory for FlexNVM
- 120MHz maximum CPU frequency
- Ethernet, USB, CAN, and other communication interfaces
- Analog-to-digital converters (ADCs)
- Multiple timer and PWM channels
- Low-power modes

Application

- Industrial control systems
- Medical devices
- Automotive applications
- Communication equipment
- Consumer electronics



Related Products



[MKE04Z128VLH4](#)

NXP Semiconductor
LQFP-64



[MKL26Z256VMP4](#)

NXP Semiconductor
64-LFBGA



[MKL17Z64VLH4](#)

NXP Semiconductor
LQFP-64



[MKL03Z32VFK4](#)

NXP Semiconductor
QFN-24



[MKE02Z64VQH4](#)

NXP Semiconductor
QFP-64



[MKL26Z128VLH4](#)

NXP Semiconductor
LQFP-64



[MKL16Z64VLH4](#)

NXP Semiconductor
LQFP-64



[MKL02Z32VFK4](#)

NXP Semiconductor
QFN-24