

MCU 32-bit ARM Cortex M4 RISC 512KB Flash 2.5V/3.3V 121-Pin MAP-BGA Tray

Manufacturers	NXP Semiconductor
Package/Case	121-XFBGA
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MK22FN512VDC12 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MK22FN512VDC12 is a microcontroller chip from the Kinetis K22 family, produced by NXP Semiconductors. It belongs to the Cortex-M4 core family and has 512KB of flash memory and 128KB of SRAM.

Features

- 120 MHz ARM Cortex-M4 core with DSP instructions and floating-point unit (FPU)
- 512KB of flash memory and 128KB of SRAM
- Support for up to 70 general-purpose input/output (GPIO) pins
- Multiple communication interfaces including USB, SPI, I2C, UART, and CAN
- On-chip analog-to-digital converter (ADC)
- Operating voltage range of 1.71V to 3.6V
- Low power consumption with multiple low-power modes
- Industrial and automotive temperature range (-40°C to 105°C)

Application

- Industrial control systems
- Consumer electronics
- Medical equipment
- Automotive control systems
- Internet of Things (IoT) devices
- Motor control
- Robotics



Related Products



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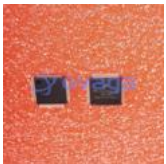
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