# LPC2129FBD64

Data Sheet

Single-chip 16/32-bit microcontrollers; 128/256 kB ISP/IAP Flash with 10-bit ADC and CAN

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

Images are for reference only

Please submit RFQ for LPC2129FBD64 or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

## General Description

LPC2129FBD64 is a microcontroller unit (MCU) from NXP Semiconductors (formerly Philips Semiconductors) in the LPC2000 family. It is a 32-bit ARM7TDMI-S based MCU with 256KB flash memory, 16KB RAM, and a wide range of interfaces and peripherals.

## Features

32-bit ARM7TDMI-S CPU with 60MHz maximum frequency

256KB flash memory and 16KB RAM

2x UART, 2x I2C, 2x SPI, 2x CAN, 6x PWM channels, and many other peripherals

2x 10-bit ADC with up to 14 channels

In-system programming (ISP) and in-application programming (IAP) capabilities

Power-saving modes and power management features

Operating voltage range from 3.0V to 3.6V

## Application

Industrial control systems

Medical devices

Consumer electronics

Automotive systems

Motor control

Robotics

Internet of Things (IoT) devices

**Related Products**

[LPC3250FET296](#)

NXP Semiconductor

TFBGA296

[LPC1756FBD80](#)

NXP Semiconductor

QFP80

[LPC11C24FBD48/301](#)

NXP Semiconductor

LQFP48

[LPC2387FBD100](#)

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LQFP-20