

ARM MCU, LPC Family LPC1700 Series Microcontrollers, ARM Cortex-M3, 32bit, 100 MHz, 256 KB, 32 KB

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	LQFP-80
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for LPC1756FBD80,551 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

LPC1756FBD80,551 is a microcontroller chip manufactured by NXP Semiconductors. It is based on the ARM Cortex-M3 architecture and is designed for high-performance embedded applications.

## Features

- 100 MHz ARM Cortex-M3 CPU
- 512 KB Flash memory
- 64 KB SRAM
- Ethernet MAC, USB 2.0 Host/Device/OTG, and other communication interfaces
- ADC, DAC, and other analog interfaces
- Multiple timers and interrupt controllers
- Low power consumption
- Operating voltage range: 2.4 V to 3.6 V

## Application

- Industrial control systems
- Motor control
- Robotics
- Medical equipment
- Consumer electronics
- Automotive systems



### Related Products



#### [LPC3250FET296](#)

NXP Semiconductor  
TFBGA296



#### [LPC11C24FBD48/301](#)

NXP Semiconductor  
LQFP48



#### [LPC2387FBD100](#)

NXP Semiconductor  
LQFP-100



#### [LPC2468FBD208](#)

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#### [LPC1756FBD80](#)

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#### [LPC2129FBD64](#)

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#### [LPC2364FBD100](#)

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#### [LPC1764FBD100](#)

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