

32 Bit Microcontroller

Manufacturers	NXP Semiconductor
Package/Case	QFP80
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

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

[RFQ](#)

General Description

LPC1756FBD80 is a microcontroller from the LPC1700 series of ARM Cortex-M3 based microcontrollers produced by NXP Semiconductors. It is a 32-bit microcontroller with a clock speed of up to 100 MHz and includes 512 kB of flash memory, 64 kB of SRAM, and various communication interfaces.

Features

- ARM Cortex-M3 core with a maximum clock speed of 100 MHz
- 512 kB of flash memory and 64 kB of SRAM
- Multiple communication interfaces, including USB, UART, I2C, SPI, and Ethernet
- Analog peripherals, including 10-bit ADCs and DACs
- On-chip debugging support through a JTAG interface
- Low power consumption with multiple power-saving modes
- Operating voltage range of 2.0V to 3.6V

Application

- LPC1756FBD80,551
- LPC1756FET180,551
- LPC1756FBD80/01,151
- LPC1756FBD80/01,551
- LPC1756FBD80/03,151
- LPC1756FBD80/03,551



Related Products



[LPC3250FET296](#)

NXP Semiconductor
TFBGA296



[LPC2129FBD64](#)

NXP Semiconductor
LQFP-64



[LPC2364FBD100](#)

NXP Semiconductor
LQFP-100



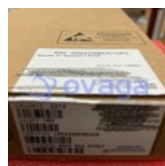
[LPC11C24FBD48/301](#)

NXP Semiconductor
LQFP48



[LPC2387FBD100](#)

NXP Semiconductor
LQFP-100



[LPC2468FBD208](#)

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QFP100



[LPC1778FBD208](#)

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LQFP-20