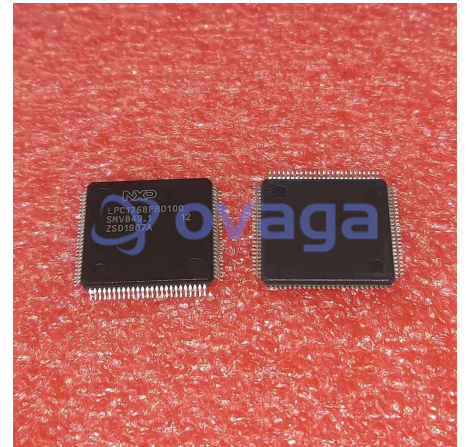


ARM MCU, LPC Family LPC1700 Series Microcontrollers, ARM Cortex-M3, 32bit, 100 MHz, 512 KB, 64 KB

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



Images are for reference only

Please submit RFQ for LPC1768FBD100,551 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LPC1768FBD100,551 is a microcontroller from the LPC17xx series, manufactured by NXP Semiconductors.

Features

- ARM Cortex-M3 core running at up to 100 MHz clock speed
- 512 kB Flash memory, 64 kB SRAM, and 4 kB EEPROM
- Ethernet MAC, USB 2.0 host/device/OTG interface, and CAN interface
- 10-bit ADC and 10-bit DAC
- Multiple serial interfaces, including UART, SPI, and I2C
- PWM and timer/counters
- Multiple power-saving modes

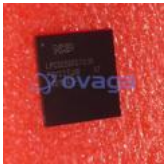
Application

- Industrial automation and control
- Automotive systems
- Building automation
- Medical equipment
- Consumer electronics
- Internet of Things (IoT) devices





Related Products



[LPC3250FET296](#)

NXP Semiconductor
TFBGA296



[LPC11C24FBD48/301](#)

NXP Semiconductor
LQFP48



[LPC2387FBD100](#)

NXP Semiconductor
LQFP-100



[LPC2468FBD208](#)

NXP Semiconductor
LQFP-208



[LPC1756FBD80](#)

NXP Semiconductor
QFP80



[LPC2129FBD64](#)

NXP Semiconductor
LQFP-64



[LPC2364FBD100](#)

NXP Semiconductor
LQFP-100



[LPC1764FBD100](#)

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QFP100