

Single-chip 16/32-bit microcontrollers; 32/64/128/256/512 kB ISP/IAP flash with 10-bit ADC and DAC

Manufacturers	NXP Semiconductor
Package/Case	LQFP64
Product Type	Power Supplies
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LPC2131FBD64 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LPC2131FBD64 is a microcontroller from the LPC213x series, which is part of the LPC2000 family of 32-bit microcontrollers manufactured by NXP Semiconductors.

Features

- ARM7TDMI-S core running at up to 60 MHz
- 32 KB flash memory and 8 KB SRAM
- Multiple serial interfaces including UART, SPI, and I2C
- Analog-to-digital converter (ADC) with 10-bit resolution
- Multiple timer/counters and PWM outputs
- Interrupt controller with up to 32 interrupt sources
- On-chip oscillator and PLL for clock generation
- Power-saving modes and wake-up interrupts

Application

- Motor control
- Human-machine interfaces (HMI)
- Remote sensing and monitoring
- Data acquisition and processing
- Home automation





Related Products



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