

**LPC11E37FBD48/501Y Information**


For Reference Only

**Part Number** [LPC11E37FBD48/501Y](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** 32-BIT ARM CORTEX-M0 MICROCONTRO  
**Package** 48-LQFP  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**LPC11E37FBD48/501Y Specifications**

Manufacturer Part Number	<a href="#">LPC11E37FBD48/501Y</a>
Manufacturer	NXP
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	48-LQFP
Series	LPC11E3x
Core Processor	ARM® Cortex®-M0
Core Size	32-Bit
Speed	50MHz
Connectivity	I <sup>2</sup> C, Microwire, SmartCard, SPI, SSP, UART/USART
Peripherals	Brown-out Detect/Reset, POR, WDT
Number of I/O	40
Program Memory Size	128KB (128K x 8)
Program Memory Type	FLASH
EEPROM Size	4K x 8
RAM Size	12K x 8
Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Data Converters	A/D 8x10b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	48-LQFP
Supplier Device Package	48-LQFP (7x7)

[Report errors?](#)

## LPC11E37FBD48/501Y Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## LPC11E37FBD48/501Y Payment Methods



## LPC11E37FBD48/501Y Shipping Methods



If you have any question about LPC11E37FBD48/501Y, please do not hesitate to contact us!

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