



Image may be representation.  
See specifications for product details.



## LPC2146FBD64,151

Manufacturer Part Number	<b>LPC2146FBD64,151</b>
Manufacturer	<b>NXP Semiconductors</b>
Allelco Part Number	32D-LPC2146FBD64,151
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 16/32B 256KB FLASH 64LQFP
Package	64-LQFP
Data sheet	<a href="#">Cylindrical Battery Holders.pdf</a>
RoHs Status	ROHS3 Compliant

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LPC2146FBD64,151 - NXP USA Inc..New Original in Stock. Download Linear Technology LPC2146FBD64,151 datasheet/specifications on AllelcoElec.com.  
Request a quote for LPC2146FBD64,151, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

LPC2146FBD64,151 Tech Specifications  
LPC2146FBD64,151 - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	64-LQFP (10x10)	Number of I/O	45
Speed	60MHz	Mounting Type	Surface Mount
Series	LPC2100	EEPROM Size	-
RAM Size	40K x 8	Data Converters	A/D 14x10b; D/A 1x10b
Program Memory Type	FLASH	Core Size	16/32-Bit
Program Memory Size	256KB (256K x 8)	Core Processor	ARM7®
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Connectivity	I²C, Microwire, SPI, SSI, SSP, UART/USART, USB
Package / Case	64-LQFP	Base Product Number	LPC2146
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. LPC2146FBD64,151

Product Attribute				
Part Number	LPC2146FBD64,151	<a href="#">LPC2144FBD64,151</a>	<a href="#">LPC2146FBD64</a>	<a href="#">LPC2141FBD64151</a>
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	Freescale / NXP Semiconductors
RAM Size	40K x 8	16K x 8	40K x 8	-
Package / Case	64-LQFP	64-LQFP	64-LQFP	-
Connectivity	I²C, Microwire, SPI, SSI, SSP, UART/USART, USB	I²C, Microwire, SPI, SSI, SSP, UART/USART, USB	I²C, Microwire, SPI, SSI, SSP, UART/USART, USB	-
Data Converters	A/D 14x10b; D/A 1x10b	A/D 14x10b; D/A 1x10b	A/D 14x10b; D/A 1x10b	-
Oscillator Type	Internal	Internal	Internal	-
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	-
Core Size	16/32-Bit	16/32-Bit	16/32-Bit	-
Base Product Number	LPC2146	LPC2144	LPC2146	-
Program Memory Size	256KB (256K x 8)	128KB (128K x 8)	256KB (256K x 8)	-
Program Memory Type	FLASH	FLASH	FLASH	-
Speed	60MHz	60MHz	60MHz	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-
Supplier Device Package	64-LQFP (10x10)	64-LQFP (10x10)	64-LQFP (10x10)	-
EEPROM Size	-	-	-	-
Series	LPC2100	LPC2100	LPC2100	-
Package	Tray	Tray	Bulk	-
Number of I/O	45	45	45	-
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	-
Core Processor	ARM7®	ARM7®	ARM7®	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	-

### LPC2146FBD64,151 Datasheet PDF

Download LPC2146FBD64,151 pdf datasheets and NXP USA Inc. documentation for LPC2146FBD64,151 - NXP USA Inc..

#### Datasheets

[Cylindrical Battery Holders.pdf](#)


#### PCN Packaging

[All Dev Label Update 15/Dec/2020.pdf](#)

[2 Year Datecode Control 20/Jul/2013.pdf](#)

## Environmental Information

 NXP USA Inc REACH.pdf

 NXP USA Inc RoHS Cert.pdf

## Customers Also Interested in

### Recommended Products



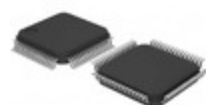
**LPC2141FBD64151**

Freescale / NXP Semiconductors



**LPC2158FBD100**

Freescale / NXP Semiconductors



**LPC2144FBD64,151**

NXP USA Inc.  
IC MCU 16/32B 128KB FLASH  
64LQFP



**LPC2138FHN64/01**

Freescale / NXP Semiconductors



**LPC2148FBD64151**

Freescale / NXP Semiconductors



**LPC2138JBD64**

Freescale / NXP Semiconductors



**LPC2144FBD64**

Freescale / NXP Semiconductors



**LPC2209FBD144**

LUMILEDS



**LPC2148FBD64**

Freescale / NXP Semiconductors



**LPC2141FBD64**

Freescale / NXP Semiconductors



**LPC2144FBD64151**

Freescale / NXP Semiconductors



**LPC2210FBD144/01**

Freescale / NXP Semiconductors



**LPC2146FBD64**

NXP USA Inc.  
IC MCU 16/32B 256KB FLASH  
64LQFP



**LPC2142FBD64**

Freescale / NXP Semiconductors



**LPC2157FBD100**

Freescale / NXP Semiconductors



**LPC2194HBD64/01**

Freescale / NXP Semiconductors



**LPC2142FBD64151**

Freescale / NXP Semiconductors



**LPC2210FBD144**

Freescale / NXP Semiconductors

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

### Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

## Payment Support

The payment method can be chosen from the methods shown below:

Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

## Certifications & Memberships



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