



Image may be representation.
See specifications for product details.



LPC1519JBD64E

Manufacturer Part Number	LPC1519JBD64E
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-LPC1519JBD64E
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 32BIT 256KB FLASH 64LQFP
Package	64-LQFP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

[Get a Quote](#)

LPC1519JBD64E - NXP USA Inc..New Original in Stock. Download Linear Technology LPC1519JBD64E datasheet/specifications on AllelcoElec.com.
Request a quote for LPC1519JBD64E, please send us email: info@allelco.com

Specifications

LPC1519JBD64E Tech Specifications

LPC1519JBD64E - 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)	2.4V ~ 3.6V	Operating Temperature	-40°C ~ 105°C (TA)
Supplier Device Package	64-LQFP (10x10)	Number of I/O	46
Speed	72MHz	Mounting Type	Surface Mount
Series	LPC15xx	EEPROM Size	4K x 8
RAM Size	36K x 8	Data Converters	A/D 24x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	256KB (256K x 8)	Core Processor	ARM® Cortex®-M3
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Connectivity	CANbus, I ² C, SPI, UART/USART
Package / Case	64-LQFP	Base Product Number	LPC1519
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. LPC1519JBD64E

Product Attribute				
Part Number	LPC1519JBD64E	LPC1549JBD48QL	LPC1518JBD64E	LPC1752FBD80K
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Core Processor	ARM® Cortex®-M3	ARM® Cortex®-M3	ARM® Cortex®-M3	ARM® Cortex®-M3
Supplier Device Package	64-LQFP (10x10)	48-LQFP (7x7)	64-LQFP (10x10)	80-LQFP (12x12)
Package	Tray	Tray	Tray	Tray
Connectivity	CANbus, I ² C, SPI, UART/USART	CANbus, I ² C, SPI, UART/USART, USB	CANbus, I ² C, SPI, UART/USART	CANbus, I ² C, IrDA, Microwire, SPI, SSI, SSP, UART/USART, USB
Speed	72MHz	72MHz	72MHz	100MHz
Base Product Number	LPC1519	LPC1549	LPC1518	LPC1752
RAM Size	36K x 8	36K x 8	20K x 8	16K x 8
Number of I/O	46	30	46	52
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT
Voltage - Supply (Vcc/Vdd)	2.4V ~ 3.6V	2.4V ~ 3.6V	2.4V ~ 3.6V	2.4V ~ 3.6V
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 85°C (TA)
EEPROM Size	4K x 8	4K x 8	4K x 8	-
Oscillator Type	Internal	Internal	Internal	Internal
Package / Case	64-LQFP	48-LQFP	64-LQFP	80-LQFP
Program Memory Size	256KB (256K x 8)	256KB (256K x 8)	128KB (128K x 8)	64KB (64K x 8)
Data Converters	A/D 24x12b	A/D 16x12b	A/D 24x12b	A/D 6x12b SAR
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Series	LPC15xx	LPC15xx	LPC15xx	LPC17xx

LPC1519JBD64E Datasheet PDF

Download LPC1519JBD64E pdf datasheets and NXP USA Inc. documentation for LPC1519JBD64E - NXP USA Inc..

Datasheets


[Cylindrical Battery Holders.pdf](#)


PCN Packaging

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

[Mult Dev Pkg Seal 15/Dec/2020.pdf](#)

Environmental Information

 NXP USA Inc REACH.pdf

 NXP USA Inc RoHS Cert.pdf

PCN Design/Specification

 Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products



LPC1549JBD48QL

NXP USA Inc.
IC MCU 32BIT 256KB FLASH 48LQFP



LPC1751FBD80

Freescal / NXP Semiconductors



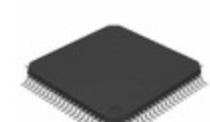
LPC1518JBD64E

NXP USA Inc.
IC MCU 32BIT 128KB FLASH 64LQFP



LPC1517JBD48

Freescal / NXP Semiconductors



LPC1752FBD80K

NXP USA Inc.
IC MCU 32BIT 64KB FLASH 80LQFP



LPC1547JBD48QL

NXP USA Inc.
IC MCU 32BIT 64KB FLASH 48LQFP



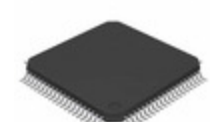
LPC1752FBD80

Freescal / NXP Semiconductors



LPC1517JBD64

Freescal / NXP Semiconductors



LPC1754FBD80K

NXP USA Inc.
IC MCU 32BIT 128KB FLASH 80LQFP



LPC1346FHN

Freescal / NXP Semiconductors



LPC1347FHN33

Freescal / NXP Semiconductors



LPC1518JBD64

Freescal / NXP Semiconductors



LPC1346FBD48

Freescal / NXP Semiconductors



LPC1756FBD80

Freescal / NXP Semiconductors



LPC1751FBD80.551

Freescal / NXP Semiconductors



LPC1754FBD80

Freescal / NXP Semiconductors



LPC1517JBD48E

NXP USA Inc.
IC MCU 32BIT 64KB FLASH 48LQFP



LPC1756FBD80K

NXP USA Inc.
IC MCU 32BIT 256KB FLASH 80LQFP

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



View More

