

Image may be representation.  
See specifications for product details.



## PTN5150AHXMP

Manufacturer Part Number	<b>PTN5150AHXMP</b>
Manufacturer	<b>NXP Semiconductors</b>
Allelco Part Number	32D-PTN5150AHXMP
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC USB HOST CTRL 12X2QFN
Package	12-XFQFN
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

PTN5150AHXMP - NXP USA Inc..New Original in Stock. Download Linear Technology PTN5150AHXMP datasheet/specifications on AllelcoElec.com.  
Request a quote for PTN5150AHXMP, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

PTN5150AHXMP Tech Specifications

PTN5150AHXMP - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Package	Tape & Reel (TR)
Voltage - Supply	2.7V ~ 5.5V	Operating Temperature	-40°C ~ 85°C
Supplier Device Package	12-X2QFN (1.6x1.6)	Interface	USB
Standards	-	Function	Controller
Series	-	Current - Supply	-
Protocol	USB	Base Product Number	PTN5150
Package / Case	12-XFQFN		

### Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. PTN5150AHXMP

Product Attribute				
Part Number	PTN5150AHXMP	PTN5150HHXMP	PTN5150HXMP	PTN5100DBSMP
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Base Product Number	PTN5150	PTN5150	PTN5150	PTN5100
Interface	USB	USB	USB	USB
Standards	-	-	-	-
Package / Case	12-XFQFN	12-XFQFN	12-XFQFN	20-VFQFN Exposed Pad
Supplier Device Package	12-X2QFN (1.6x1.6)	12-X2QFN (1.6x1.6)	12-X2QFN (1.6x1.6)	20-HVQFN (4x4)
Voltage - Supply	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	-
Series	-	-	-	-
Protocol	USB	USB	USB	USB
Current - Supply	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Function	Controller	Controller	Controller	Controller
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-20°C ~ 85°C

### PTN5150AHXMP Datasheet PDF

Download PTN5150AHXMP pdf datasheets and NXP USA Inc. documentation for PTN5150AHXMP - 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 Assembly/Origin

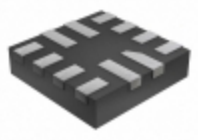
[2.73KHz.pdf](#)

#### PCN Design/Specification

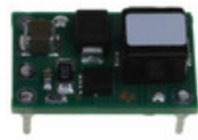
[PTN5150 05/Apr/2017.pdf](#)

### Customers Also Interested in

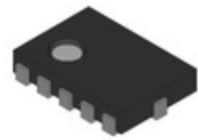
#### Recommended Products



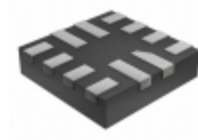
**PTN5150HHXMP**  
NXP USA Inc.  
IC USB HOST CTRL 12X2QFN



**PTN78000AAH**  
Texas Instruments  
DC DC CONVERTER -15 TO -3V



**PTN5150AHX**  
NXP USA Inc.  
CC LOGIC FOR USB TYPE-C APPLICAT



**PTN5150HXMP**  
NXP USA Inc.  
IC USB HOST CTRL 12X2QFN



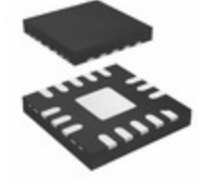
**PTN5100DBSMP**  
NXP USA Inc.  
IC USB PD PHY TYPE C 20HVQFN



**PTN78000HAS**  
Texas Instruments  
DC DC CONVERTER 11.85-22V



**PTN5150**  
Freescale / NXP Semiconductors



**PTN5110NHQZ**  
NXP USA Inc.  
IC INTFACE SPECIALIZED 16HX2QFN



**PTN78000AAZT**  
Texas Instruments  
DC DC CONVERTER -15 TO -3.3V



**PTN5100DBS**  
Freescale / NXP Semiconductors



**PTN78000AAZ**  
Texas Instruments  
DC DC CONVERTER -15 TO -3V



**PTN5100BSMP**  
NXP USA Inc.  
IC USB PD PHY TYPE C 20HVQFN



**PTN5110DHQ**  
NXP USA Inc.  
USB TYPE-C REV 3.0 PD PHY, DONGL



**PTN3900EV**  
Freescale / NXP Semiconductors



**PTN78000AAST**  
Texas Instruments  
DC DC CONVERTER -15 TO -3.3V



**PTN5110THQZ**  
NXP USA Inc.  
IC INTFACE SPECIALIZED 16HX2QFN



**PTN78000HAH**  
Texas Instruments  
DC DC CONVERTER 11.85-22V



**PTN3900EV/G/105**  
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

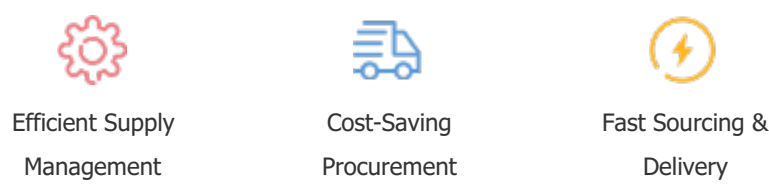
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## 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 -



Contact us if you have any questions.



## Certifications & Memberships



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