



Image may be representation.
See specifications for product details.



LAN7800/Y9X

Manufacturer Part Number	LAN7800/Y9X
Manufacturer	Microchip Technology
Allelco Part Number	32D-LAN7800/Y9X
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ETHERNET CTRL USB 48SQFN
Package	48-VFQFN Exposed Pad
Data sheet	LAN7800(I) Datasheet.pdf LAN7800(I) User Guide.pdf
RoHs Status	ROHS3 Compliant

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LAN7800/Y9X - Microchip Technology, New Original in Stock. Download Linear Technology LAN7800/Y9X datasheet/specifications on AllelcoElec.com.
Request a quote for LAN7800/Y9X, please send us email: info@allelco.com

Specifications

LAN7800/Y9X Tech Specifications

LAN7800/Y9X - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package	Tray
Voltage - Supply	1.2V, 2.5V, 3.3V	Operating Temperature	0°C ~ 70°C
Supplier Device Package	48-SQFN (7x7)	Interface	-
Standards	10/100/1000 Base-TX PHY	Function	Controller
Series	-	Current - Supply	1 ~ 4mA
Protocol	Ethernet	Base Product Number	LAN7800
Package / Case	48-VFQFN Exposed Pad		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology LAN7800/Y9X

Product Attribute				
Part Number	LAN7800/Y9X	LAN7801-1/9JX	LAN7431/YXX	LAN7850-1/8JX
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package	Tray	Tray	Tray	Tray
Current - Supply	1 ~ 4mA	-	-	-
Series	-	-	Automotive, AEC-Q100	-
Package / Case	48-VFQFN Exposed Pad	64-VFQFN Exposed Pad	72-VFQFN Exposed Pad	56-VFQFN Exposed Pad
Base Product Number	LAN7800	LAN7801	LAN7431	LAN7850
Protocol	Ethernet	USB	Ethernet	Ethernet
Function	Controller	Bridge, USB to Ethernet	Controller	Bridge, USB to Ethernet
Operating Temperature	0°C ~ 70°C	-40°C ~ 85°C	0°C ~ 70°C	-40°C ~ 85°C
Interface	-	Ethernet	GPIO	USB
Standards	10/100/1000 Base-TX PHY	USB 3.1	10/100/1000 Base-TX PHY	USB 2.0
Supplier Device Package	48-SQFN (7x7)	64-VQFN (9x9)	72-VQFN (10x10)	56-SQFN (8x8)
Voltage - Supply	1.2V, 2.5V, 3.3V	1.8V ~ 3.3V	1.8V, 2.5V, 3.3V	1.8V, 3.3V

LAN7800/Y9X Datasheet PDF

Download LAN7800/Y9X pdf datasheets and Microchip Technology documentation for LAN7800/Y9X - Microchip Technology.

PCN Packaging

[2.73KHz.pdf](#)

PCN Design/Specification

[LAN7800 04/Jan/2022.pdf](#)

[LAN7800 Datasheet 18/Dec/2018.pdf](#)

HTML Datasheet

[LAN7800\(I\) Datasheet.pdf](#)

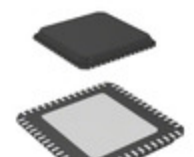
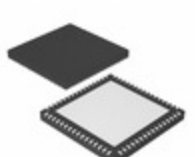
[LAN7800\(I\) User Guide.pdf](#)

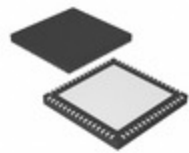
PCN Assembly/Origin

[2.73KHz.pdf](#)

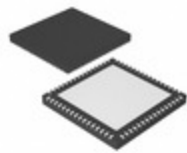
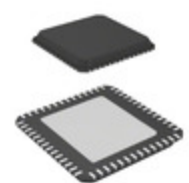
Customers Also Interested in

Recommended Products



LAN7801-I/9JXMicrochip Technology
IC USB 3.1 TO ETHER CNTRL
64SQFN**LAN7801-I/9JX**Microchip Technology
IC USB 3.1 TO ETHER CNTRL
64SQFN**LAN7431/YXX**Microchip Technology
IC ETHERNET CNTRLR GPIO 72SQFN**LAN7431-I/YXX**Microchip Technology
IC ETHERNET CNTRLR GPIO 72SQFN**LAN7801T-V/9JXVAO**

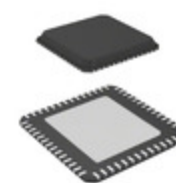
Micrel / Microchip Technology

**LAN7801T-V/9JXVAO**Microchip Technology
IC USB 3.1 TO ETHER CNTRL
64SQFN**LAN7850-I/8JX**Microchip Technology
IC ETHERNET CTRLR USB 56SQFN**LAN7800/VSX**Microchip Technology
IC ETHERNET CTRLR USB 48SQFN**LAN7800-I/VSX**Microchip Technology
IC ETHERNET CTRLR USB 48SQFN**LAN7800T-I/Y9X**Microchip Technology
IC ETHERNET CONTROLLER 48SQFN**LAN7500I-ABZJ**Microchip Technology
IC USB-10/100/1K ETH CTRL 56QFN**LAN7800T-I/VSX**Microchip Technology
IC ETHERNET CONTROLLER 48SQFN**LAN7500-ABZJ**Microchip Technology
IC USB-10/100/1K ETH CTRL 56QFN**LAN7431-V/YXXVAO**

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**LAN7801T-I/9JXVAO**

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**LAN7800-I/Y9X**Microchip Technology
IC ETHERNET CTRLR USB 48SQFN**LAN7500-ABZJ-TR**Microchip Technology
IC USB-10/100/1K ETH CTRL 56QFN**LAN7800T/VSX**Microchip Technology
IC ETHERNET CONTROLLER 48SQFN

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.



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+00852 9146 4856



Email
info@allelco.com

Certifications & Memberships



[View More](#)

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