

Image may be representation.
See specifications for product details.



LAN8742AI-CZ

Manufacturer Part Number	LAN8742AI-CZ
Manufacturer	Microchip Technology
Allelco Part Number	32D-LAN8742AI-CZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC TRANSCEIVER FULL 1/1 24SQFN
Package	24-VFQFN Exposed Pad
Data sheet	LAN874xA Family Brochure.pdf LAN8742A(i) Datasheet.pdf
RoHs Status	ROHS3 Compliant

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LAN8742AI-CZ - Microchip Technology. New Original in Stock. Download Linear Technology LAN8742AI-CZ datasheet/specifications on AllelcoElec.com. Request a quote for LAN8742AI-CZ, please send us email: info@allelco.com

Specifications

LAN8742AI-CZ Tech Specifications

LAN8742AI-CZ - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package	Tray
Voltage - Supply	1.6V ~ 3.6V	Operating Temperature	-40°C ~ 85°C
Type	Transceiver	Number of Drivers/Receivers	1/1
Supplier Device Package	24-SQFN (4x4)	Mounting Type	Surface Mount
Series	flexPWR™	Duplex	Full
Protocol	Ethernet	Data Rate	100Mbps
Package / Case	24-VFQFN Exposed Pad	Base Product Number	LAN8742

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology LAN8742AI-CZ

Product Attribute				
Part Number	LAN8742AI-CZ	LAN8742AI-CZ-TR	LAN8810I-AKZE-TR	LAN8740AI-EN
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Data Rate	100Mbps	100Mbps	-	100Mbps
Duplex	Full	Full	Full	Full
Package / Case	24-VFQFN Exposed Pad	24-VFQFN Exposed Pad	72-VFQFN Exposed Pad	32-VFQFN Exposed Pad
Number of Drivers/Receivers	1/1	1/1	4/4	1/1
Type	Transceiver	Transceiver	Transceiver	Transceiver
Base Product Number	LAN8742	LAN8742	LAN8810	LAN8740
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Package	Tray	Tape & Reel (TR)	Tape & Reel (TR)	Tray
Series	flexPWR™	flexPWR™	-	flexPWR™
Voltage - Supply	1.6V ~ 3.6V	1.6V ~ 3.6V	2.5V, 3.3V	1.8V ~ 3.3V
Supplier Device Package	24-SQFN (4x4)	24-SQFN (4x4)	72-QFN (10x10)	32-SQFN (5x5)
Protocol	Ethernet	Ethernet	GMII	Ethernet

LAN8742AI-CZ Datasheet PDF

Download LAN8742AI-CZ pdf datasheets and Microchip Technology documentation for LAN8742AI-CZ - Microchip Technology.

Datasheets

[LAN8742A\(i\) Datasheet.pdf](#)

PCN Packaging

[Label and Packing Changes 23/Sep/2015.pdf](#)

[MBB/Label Chgs 16/Nov/2018.pdf](#)

HTML Datasheet

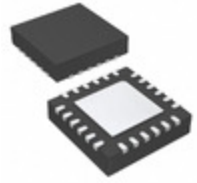
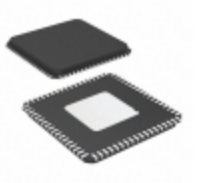
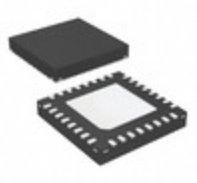

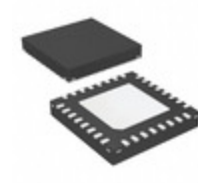
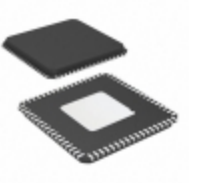

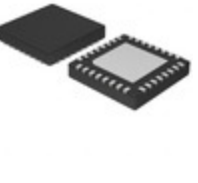
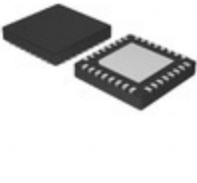
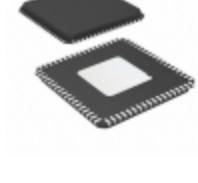
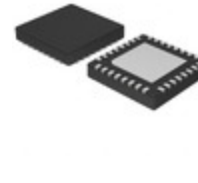
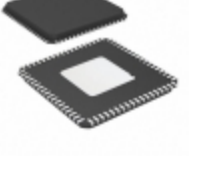
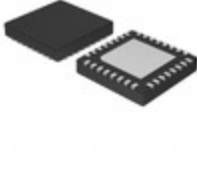
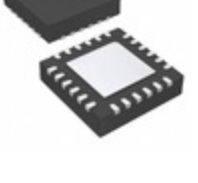
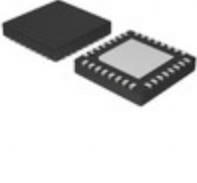

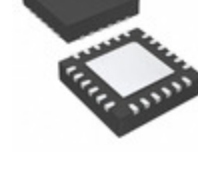

[LAN874xA Family Brochure.pdf](#)

PCN Assembly/Origin

[SCC Site Qualification 20/Apr/2015.pdf](#)

Customers Also Interested in

Recommended Products

 LAN8742AI-CZ-TR Microchip Technology IC TRANSCEIVER FULL 1/1 24SQFN	 LAN8810I-AKZE-TR Microchip Technology IC TRANSCEIVER FULL 4/4 72QFN	 LAN8740AI-EN Microchip Technology IC TRANSCEIVER FULL 1/1 32SQFN	 LAN8770M-E/PRAVAO Micrel / Microchip Technology	 LAN8740AI-EN-TR Microchip Technology IC TRANSCEIVER FULL 1/1 32SQFN	 LAN8810I-AKZE Microchip Technology IC TRANSCEIVER FULL 4/4 72QFN
 LAN8770MT-E/PRAVAO Micrel / Microchip Technology	 LAN8740A-EN-TR Microchip Technology IC TRANSCEIVER FULL 1/1 32SQFN	 LAN8741AI-EN-TR Microchip Technology IC TRANSCEIVER 1/1 32SQFN	 LAN8810-AKZE-TR Microchip Technology IC TRANSCEIVER FULL 4/4 72QFN	 LAN8741AI-EN Microchip Technology IC TRANSCEIVER 1/1 32SQFN	 LAN8810-AKZE Microchip Technology IC TRANSCEIVER FULL 4/4 72QFN
 LAN8741A-EN Microchip Technology IC TRANSCEIVER 1/1 32SQFN	 LAN8742A-CZ Microchip Technology IC TRANSCEIVER 1/1 24SQFN	 LAN8741A-EN-TR Microchip Technology IC TRANSCEIVER 1/1 32SQFN	 LAN8742A Renesas Electronics Corporation	 LAN8742A-CZ-TR Microchip Technology IC TRANSCEIVER 1/1 24SQFN	 LAN8820-ABZJ Microchip Technology IC TRANSCEIVER FULL 1/1 56QFN

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.

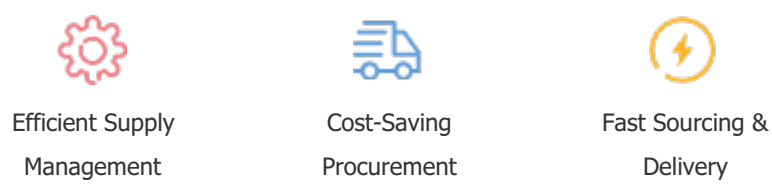
Contact us if you have any questions.

Payment Support

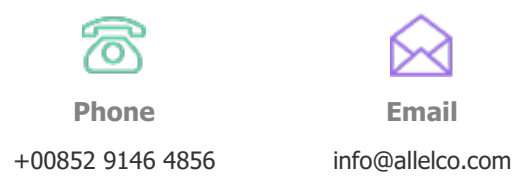
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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