

Image may be representation.
See specifications for product details.



NB7L14MN1TWG

Manufacturer Part Number	NB7L14MN1TWG
Manufacturer	onsemi
Allelco Part Number	32D-NB7L14MN1TWG
ECAD Model	Request Free CAD Models
Parts Description	IC CLK BUFFER 1:4 8GHZ 16QFN
Package	16-VFQFN Exposed Pad
Data sheet	Cylindrical Battery Holders.pdf
	NB7L14.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NB7L14MN1TWG - onsemi.New Original in Stock. Download Linear Technology NB7L14MN1TWG datasheet/specifications on AllelcoElec.com.
Request a quote for NB7L14MN1TWG, please send us email: info@allelco.com

Specifications

NB7L14MN1TWG Tech Specifications

NB7L14MN1TWG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output	LVPECL
Voltage - Supply	2.375V ~ 3.6V	Operating Temperature	-40°C ~ 85°C
Type	Fanout Buffer (Distribution)	Number of Circuits	1
Supplier Device Package	16-QFN (3x3)	Mounting Type	Surface Mount
Series	GigaComm™	Input	CML, LVCMOS, LVDS, LVPECL, LVTTL
Ratio - Input:Output	1:4	Frequency - Max	8 GHz
Package / Case	16-VFQFN Exposed Pad	Differential - Input:Output	Yes/Yes
Package	Tape & Reel (TR)	Base Product Number	NB7L14

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NB7L14MN1TWG

Product Attribute				
Part Number	NB7L14MN1TWG	NB7L11MMNR2G	NB7L1008MMNG	NB7L14MNTXG
Manufacturer	onsemi	onsemi	onsemi	onsemi
Output	LVPECL	CML	CML	LVPECL
Series	GigaComm™	-	GigaComm™	GigaComm™
Differential - Input:Output	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Type	Fanout Buffer (Distribution)	Fanout Buffer (Distribution), Translator, Data	Fanout Buffer (Distribution)	Fanout Buffer (Distribution)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Number of Circuits	1	1	1	1
Frequency - Max	8 GHz	8 GHz	8 GHz	8 GHz
Base Product Number	NB7L14	NB7L11	NB7L1008	NB7L14
Ratio - Input:Output	1:4	1:2	1:8	1:4
Input	CML, LVCMOS, LVDS, LVPECL, LVTTL	CML, LVCMOS, LVDS, LVPECL, LVTTL	CML, LVCMOS, LVDS, LVPECL, LVTTL	CML, LVCMOS, LVDS, LVPECL, LVTTL
Supplier Device Package	16-QFN (3x3)	16-QFN (3x3)	32-QFN (5x5)	16-QFN (3x3)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply	2.375V ~ 3.6V	2.375V ~ 3.465V	2.375V ~ 3.6V	2.375V ~ 3.6V
Package / Case	16-VFQFN Exposed Pad	16-VFQFN Exposed Pad	32-VFQFN Exposed Pad	16-VFQFN Exposed Pad
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C

NB7L14MN1TWG Datasheet PDF

Download NB7L14MN1TWG pdf datasheets and onsemi documentation for NB7L14MN1TWG - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

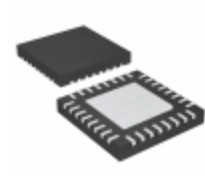
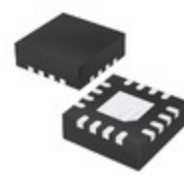
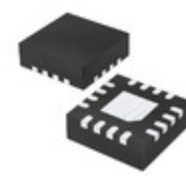
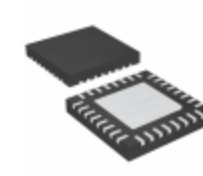
[Material Declaration NB7L14MN1TWG.pdf](#)

HTML Datasheet

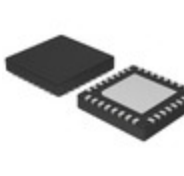
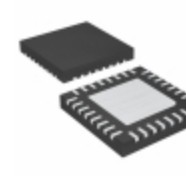
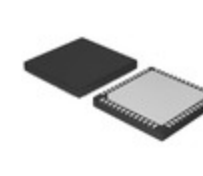
[NB7L14.pdf](#)

Customers Also Interested in

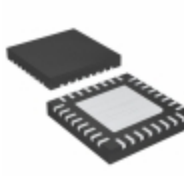
Recommended Products

**NB7L11MMNR2G**onsemi
IC CLK BUFFER 1:2 8GHZ 16QFN**NB7L1008MMNG**onsemi
IC CLK BUFFER 1:8 8GHZ 32QFN**NB7L14MNTXG**onsemi
IC CLK BUFFER 1:4 8GHZ 16QFN**NB7L14MMNG**onsemi
IC CLK BUFFER 1:4 8GHZ 16QFN**NB7L11MMNG**onsemi
IC CLK BUFFER 1:2 8GHZ 16QFN**NB7L572MNR4G**onsemi
IC CLK MULTIPLEX 4:2 8GHZ 32QFN**NB7L11MMN**onsemi
IC CLK BUFFER 1:2 8GHZ 16QFN**NB7L1008M**

AMI Semiconductor/onsemi

**NB7L585MNTWG**onsemi
IC CLK BUFFER 2:6 5GHZ 32QFN**NB7L14MNG**onsemi
IC CLK BUFFER 1:4 8GHZ 16QFN**NB7L1008MMNR4G**onsemi
IC CLK BUFFER 1:8 8GHZ 32QFN**NB7L111MMN**onsemi
IC CLK BUFFER 2:10 5.5GHZ 52QFN**NB7L14MNHTBG**onsemi
IC CLK BUFFER 1:4 8GHZ 16QFN**NB7L585**

AMI Semiconductor/onsemi

**NB7L585MNR4G**onsemi
IC CLK BUFFER 1:6 5GHZ 32QFN**NB7L216MNG**onsemi
IC RECEIVER/DRIVER DIFF 16-QFN**NB7L32MMNG**onsemi
IC CLOCK DIVIDER 16QFN**NB7L14MMN**onsemi
IC CLK BUFFER 1:4 8GHZ 16QFN

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.

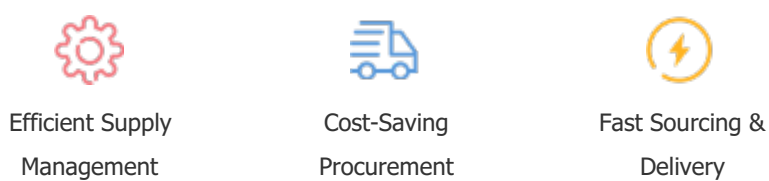
Contact us if you have any questions.

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



[View More](#)