



NL3HS3124AMNTWG

Manufacturer Part Number	NL3HS3124AMNTWG
Manufacturer	onsemi
Allelco Part Number	32D-NL3HS3124AMNTWG
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MUX ANLG DIFF 2CH
Package	20-VFQFN Exposed Pad
Data sheet	NL3HS3124A.pdf
RoHS Status	ROHS3 Compliant

ON Semiconductor®

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NL3HS3124AMNTWG - onsemi.New Original in Stock. Download Linear Technology NL3HS3124AMNTWG datasheet/specifications on AllelcoElec.com.

Request a quote for NL3HS3124AMNTWG, please send us email: info@allelco.com

Specifications

NL3HS3124AMNTWG Tech Specifications

NL3HS3124AMNTWG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - Supply, Single (V+)	3V ~ 3.6V	On-State Resistance (Max)	60hm (Typ)
Voltage - Supply, Dual (V±)	-	Number of Channels	2
Switch Circuit	-	Multiplexer/Demultiplexer Circuit	2:1
Supplier Device Package	20-QFN (2.5x4.5)	Mounting Type	Surface Mount
Series	-	Features	Bi-Directional, USB 3.0
Package / Case	20-VFQFN Exposed Pad	Applications	DisplayPort, PCIe, USB
Package	Tape & Reel (TR)	-3db Bandwidth	6.3GHz

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NL3HS3124AMNTWG

Product Attribute				
Part Number	NL3HS3124AMNTWG	NL3S22UHMUTAG	NL3S2223MUTBG	NL3HS2222MUTBG
Manufacturer	onsemi	onsemi	onsemi	onsemi
On-State Resistance (Max)	60hm (Typ)	5.40hm	70hm	70hm
Features	Bi-Directional, USB 3.0	USB 2.0	-	-
Voltage - Supply, Single (V+)	3V ~ 3.6V	2.7V ~ 3.6V	1.65V ~ 4.5V	1.65V ~ 4.5V
Series	-	-	-	-
Voltage - Supply, Dual (V±)	-	-	-	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Number of Channels	2	2	1	1
-3db Bandwidth	6.3GHz	811MHz	950MHz	950MHz
Supplier Device Package	20-QFN (2.5x4.5)	10-UQFN (1.4x1.8)	10-UQFN (1.4x1.8)	10-UQFN (1.4x1.8)
Package / Case	20-VFQFN Exposed Pad	10-UFQFN	10-UFQFN	10-UFQFN
Multiplexer/Demultiplexer Circuit	2:1	-	2:2	2:4
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Applications	DisplayPort, PCIe, USB	Audio, USB	USB	USB
Switch Circuit	-	DPDT	DPDT	DPDT
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)

NL3HS3124AMNTWG Datasheet PDF

Download NL3HS3124AMNTWG pdf datasheets and onsemi documentation for NL3HS3124AMNTWG - onsemi.

Datasheets

[NL3HS3124A.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

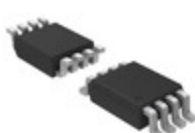
[onsemi RoHS.pdf](#)













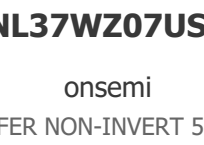
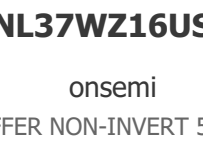

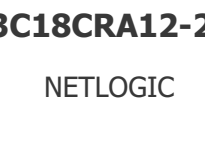
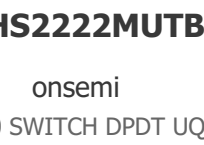
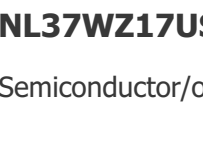
PCN Other

[Fab5 Supply Constraint 7/Mar/2022.pdf](#)

Customers Also Interested in

Recommended Products



NL3S2223MUT AMI Semiconductor/onsemi	NL3S325FCT2G onsemi IC AUDIO PROCESSOR 9WLCSP	NL37WZ16US onsemi IC BUFFER TRIPLE NON-INVERT US8	NL3S22UHMUTAG onsemi USB 2.0 + AUDIO SWITCH	NL37WZ17USG onsemi IC BUFFER NON-INVERT 5.5V US8	NL37WZ07 AMI Semiconductor/onsemi
					
NL37WZ06US onsemi IC INVERTER OD 3CH 3-INP US8	NL37WZ04USG onsemi IC INVERTER 3CH 3-INP US8	NL37WZ06USG onsemi IC INVERTER OD 3CH 3-INP US8	NL37WZ14USG onsemi IC INVERTER SCHMITT 3CH 3-IN US8	NL3C4CRA12-250E NETLOGIC	NL37WZ14US onsemi IC INVERTER SCHMITT 3CH 3-IN US8
					
NL37WZ07USG onsemi IC BUFFER NON-INVERT 5.5V US8	NL37WZ16USG onsemi IC BUFFER NON-INVERT 5.5V US8	NL3S2223MUTBG onsemi IC SWITCH AUD USB DPDT 10UQFN	NL3C18CRA12-250E NETLOGIC	NL3HS2222MUTBG onsemi IC USB 2.0 SWITCH DPDT UQFN10	NL37WZ17US AMI Semiconductor/onsemi
					

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.

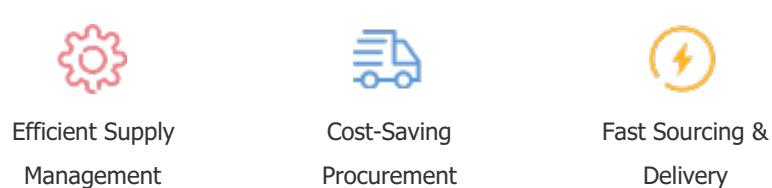
Payment Support

The payment method can be chosen from the methods shown below:

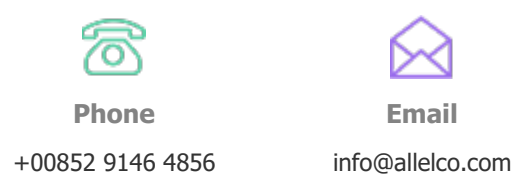
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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