



Image may be representation.
See specifications for product details.



NB3N551DG

Manufacturer Part Number	NB3N551DG
Manufacturer	onsemi
Allelco Part Number	32D-NB3N551DG
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC CLK BUFFER 1:4 180MHZ 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	NB3N551.pdf
	NB3N551.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NB3N551DG - onsemi.New Original in Stock. Download Linear Technology NB3N551DG datasheet/specifications on AllelcoElec.com.
Request a quote for NB3N551DG, please send us email: info@allelco.com

Specifications

NB3N551DG Tech Specifications

NB3N551DG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output	LVC MOS, LV TTL
Voltage - Supply	3V ~ 5.5V	Operating Temperature	-40°C ~ 85°C
Type	Fanout Buffer (Distribution)	Number of Circuits	1
Supplier Device Package	8-SOIC	Mounting Type	Surface Mount
Series	-	Input	LVC MOS, LV TTL
Ratio - Input:Output	1:4	Frequency - Max	180 MHz
Package / Case	8-SOIC (0.154", 3.90mm Width)	Differential - Input:Output	No/No
Package	Tube	Base Product Number	NB3N551

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NB3N551DG

Product Attribute				
Part Number	NB3N551DG	NB3N853501EDTR2G	NB3V1104CDTR2G	NB3V1102CDTR2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Number of Circuits	1	1	1	1
Output	LVC MOS, LV TTL	LVPECL	LVC MOS	LVC MOS
Frequency - Max	180 MHz	266 MHz	250 MHz	250 MHz
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Type	Fanout Buffer (Distribution)	Fanout Buffer (Distribution), Multiplexer	Fanout Buffer (Distribution)	Fanout Buffer (Distribution)
Voltage - Supply	3V ~ 5.5V	3.135V ~ 3.465V	1.71V ~ 3.6V	1.71V ~ 3.6V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	8-SOIC (0.154", 3.90mm Width)	20-TSSOP (0.173", 4.40mm Width)	8-TSSOP (0.173", 4.40mm Width)	8-TSSOP (0.173", 4.40mm Width)
Input	LVC MOS, LV TTL	LVC MOS, LV TTL	LVC MOS	LVC MOS
Ratio - Input:Output	1:4	2:4	1:4	1:2
Supplier Device Package	8-SOIC	20-TSSOP	8-TSSOP	8-TSSOP
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 105°C	-40°C ~ 105°C
Series	-	-	-	-
Base Product Number	NB3N551	NB3N853501	NB3V1104	NB3V1102
Differential - Input:Output	No/No	No/Yes	No/No	No/No

NB3N551DG Datasheet PDF

Download NB3N551DG pdf datasheets and onsemi documentation for NB3N551DG - onsemi.

Datasheets

[NB3N551.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

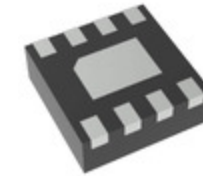
[Material Declaration NB3N551DG.pdf](#)

HTML Datasheet

[NB3N551.pdf](#)

Customers Also Interested in

Recommended Products

**NB3N51034DTR2G**onsemi
IC CLK GEN QUAD HCSL/LVDS
20TSSO**NB3N51054DTR2G**onsemi
IC CLK GEN HCSL/LVDS 24-TSSOP**NB3N502DR2G**onsemi
IC PLL CLOCK MULTIPLIER 8SOIC**NB3N51132DTR2G**onsemi
IC CLK GEN CRYSTAL**NB3N853501EDTR2G**onsemi
IC CLK BUFFER 2:4 266MHZ
20TSSOP**NB3N511DR2G**onsemi
IC CLOCK MULTIPLIER 8SOIC**NB3N5573DTR2G**onsemi
IC CLOCK GENERATOR 16TSSOP**NB3V1104CDTR2G**onsemi
IC CLK BUFFER 1:4 250MHZ 8TSSOP**NB3V1102CDTR2G**onsemi
IC CLK BUFFER 1:2 250MHZ 8TSSOP**NB3N551MNR4G**onsemi
IC CLK BUFFER 1:4 180MHZ 8DFN**NB3N5573DTG**onsemi
IC CLOCK GENERATOR 16TSSOP**NB3N51034DTG**onsemi
IC CLK GEN CRYST1:4 HCSL
20TSSOP**NB3N551DR2G**onsemi
IC CLK BUFFER 1:4 180MHZ 8SOIC**NB3N502DG**onsemi
IC PLL CLOCK MULTIPLIER 8SOIC**NB3N51032DTR2G**onsemi
IC CLOCK GENERATOR 16TSSOP**NB3RL02FCT2G**onsemi
IC CLK BUFFER 1:2 52MHZ 8WLCSP**NB3N853531EDTR2G**onsemi
IC CLK BUFFER 2:4 266MHZ
20TSSOP**NB3N508SDTR2G**onsemi
IC CLOCK GENERATOR 16TSSOP

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 Alleco 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.

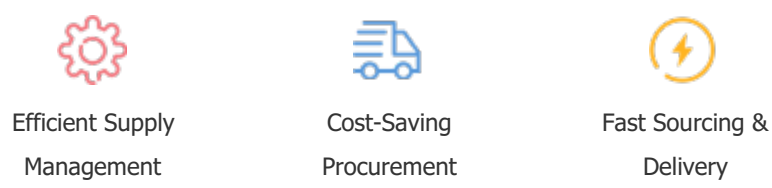
Contact us if you have any questions.

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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