

Image may be representation.  
See specifications for product details.



## NB6N11SMNG

Manufacturer Part Number	<b>NB6N11SMNG</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NB6N11SMNG
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC CLK BUFFER 1:2 2GHZ 16QFN
Package	16-VFQFN Exposed Pad
Data sheet	<b>NB6N11S.pdf</b>
	<b>NB6N11S.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

NB6N11SMNG - onsemi.New Original in Stock. Download Linear Technology NB6N11SMNG datasheet/specifications on AllelcoElec.com.  
Request a quote for NB6N11SMNG, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

NB6N11SMNG Tech Specifications

NB6N11SMNG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output	LVDS
Voltage - Supply	3V ~ 3.6V	Operating Temperature	-40°C ~ 85°C
Type	Fanout Buffer (Distribution), Translator	Number of Circuits	1
Supplier Device Package	16-QFN (3x3)	Mounting Type	Surface Mount
Series	AnyLevel™ ECLinPS MAX™	Input	CML, LVCMOS, LVDS, LVPECL, LVTTTL
Ratio - Input:Output	1:2	Frequency - Max	2 GHz
Package / Case	16-VFQFN Exposed Pad	Differential - Input:Output	Yes/Yes
Package	Tube	Base Product Number	NB6N11

## Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NB6N11SMNG

Product Attribute				
Part Number	NB6N11SMNG	<b>NB6L611MNR2G</b>	<b>NB6LQ572MNR4G</b>	<b>NB6L611MNG</b>
Manufacturer	onsemi	onsemi	onsemi	onsemi
Differential - Input:Output	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Supplier Device Package	16-QFN (3x3)	16-QFN (3x3)	32-QFN (5x5)	16-QFN (3x3)
Package / Case	16-VFQFN Exposed Pad	16-VFQFN Exposed Pad	32-VFQFN Exposed Pad	16-VFQFN Exposed Pad
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Number of Circuits	1	1	1	1
Output	LVDS	LVPECL	LVPECL	LVPECL
Series	AnyLevel™ ECLinPS MAX™	ECLinPS MAX™	ECLinPS MAX™	ECLinPS MAX™
Base Product Number	NB6N11	NB6L611	NB6LQ5	NB6L611
Ratio - Input:Output	1:2	1:2	4:2	1:2
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Type	Fanout Buffer (Distribution), Translator	Fanout Buffer (Distribution)	Multiplexer, Translator	Fanout Buffer (Distribution)
Voltage - Supply	3V ~ 3.6V	2.375V ~ 3.63V	2.375V ~ 3.6V	2.375V ~ 3.63V
Frequency - Max	2 GHz	4 GHz	5 GHz	4 GHz
Input	CML, LVCMOS, LVDS, LVPECL, LVTTTL	CML, LVCMOS, LVDS, LVPECL, LVTTTL	CML, LVDS, LVPECL	CML, LVCMOS, LVDS, LVPECL, LVTTTL
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C

## NB6N11SMNG Datasheet PDF

Download NB6N11SMNG pdf datasheets and onsemi documentation for NB6N11SMNG - onsemi.

### Datasheets

[NB6N11S.pdf](#)

### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

[Material Declaration NB6N11SMNG.pdf](#)

### PCN Design/Specification


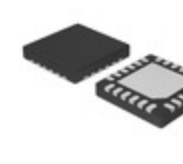


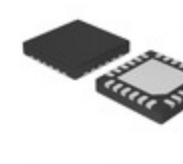


[Lead Finish/BOM Update 10/Jul/2015.pdf](#)

### HTML Datasheet

[NB6N11S.pdf](#)

## Customers Also Interested in

## Recommended Products

 <b>NB6L611MNR2G</b> onsemi IC CLK BUFFER 1:2 4GHZ 16QFN	 <b>NB6LQ572MNR4G</b> onsemi IC CLK MULTIPLX 4:2 5GHZ 32QFN	 <b>NB6L72MMNG</b> onsemi IC CROSSPOINT SW 1 X 2:2 16QFN	 <b>NB6L72MMNR2G</b> onsemi IC CROSSPOINT SW 1 X 2:2 16QFN	 <b>NB6N239SMN</b> onsemi IC CLOCK DIVIDER 16QFN	 <b>NB6L295MNG</b> onsemi IC DELAY LINE 512TAP PROG 24QFN
 <b>NB6L611MNG</b> onsemi IC CLK BUFFER 1:2 4GHZ 16QFN	 <b>NB6N11SMNR2G</b> onsemi IC CLK BUFFER 1:2 2GHZ 16QFN	 <b>NB6L572MMNG</b> onsemi IC CLK BUFFER 4:2 6GHZ 32QFN	 <b>NB6L72MMNR2G</b> onsemi IC CROSSPOINT SW 1 X 2:2 16QFN	 <b>NB6N239SMNR2G</b> onsemi IC CLOCK DIVIDER 16QFN	 <b>NB6L295MMNTXG</b> onsemi IC DELAY LINE 512TAP PROG 24QFN
 <b>NB6L56MNG</b> onsemi IC CLK BUFFER 2:1 2.5GHZ 32QFN	 <b>NB6N14SMNR2G</b> onsemi IC CLK BUFFER 1:4 2GHZ 16QFN	 <b>NB6N14SMNG</b> onsemi IC CLK BUFFER 1:4 2GHZ 16QFN	 <b>NB6L56MNTXG</b> onsemi IC CLK BUFFER 2:1 2.5GHZ 32QFN	 <b>NB6L295MMNG</b> onsemi IC DELAY LINE 512TAP PROG 24QFN	 <b>NB6L72MNG</b> onsemi IC CROSSPOINT SW 1 X 2:2 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

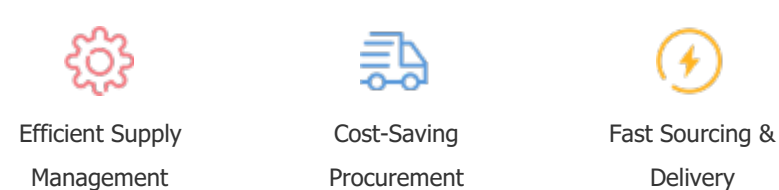
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### 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



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