

Image may be representation.  
See specifications for product details.



## NB6L295MMNTXG

Manufacturer Part Number **NB6L295MMNTXG**

Manufacturer **onsemi**

Allelco Part Number **32D-NB6L295MMNTXG**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC DELAY LINE 512TAP PROG 24QFN**

Package **24-VFQFN Exposed Pad**

Data sheet **[NB6L295M.pdf](#)**

**[NB6L295M.pdf](#)**

RoHs Status **ROHS3 Compliant**

**Get a Quote**

NB6L295MMNTXG - onsemi.New Original in Stock. Download Linear Technology NB6L295MMNTXG datasheet/specifications on AllelcoElec.com.

Request a quote for NB6L295MMNTXG, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

NB6L295MMNTXG Tech Specifications

NB6L295MMNTXG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Number of Taps/Steps	512
Voltage - Supply	2.375V ~ 3.6V	Number of Independent Delays	2
Tap Increment	11 ps	Mounting Type	Surface Mount
Supplier Device Package	24-QFN (4x4)	Function	Multiple, Programmable
Series	-	Delay to 1st Tap	3.2ns, 6.2ns
Package / Case	24-VFQFN Exposed Pad	Base Product Number	NB6L295
Package	Tape & Reel (TR)	Available Total Delays	3.2ns ~ 8.5ns, 6.2ns ~ 16.6ns
Operating Temperature	-40°C ~ 85°C		

## Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NB6L295MMNTXG

Product Attribute				
Part Number	NB6L295MMNTXG	NB6L295MNG	NB6L295MMNG	NB6L56MNG
Manufacturer	onsemi	onsemi	onsemi	onsemi
Voltage - Supply	2.375V ~ 3.6V	2.375V ~ 3.6V	2.375V ~ 3.6V	2.375V ~ 3.6V
Package / Case	24-VFQFN Exposed Pad	24-VFQFN Exposed Pad	24-VFQFN Exposed Pad	32-VFQFN Exposed Pad
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Number of Taps/Steps	512	512	512	-
Tap Increment	11 ps	11 ps	11 ps	-
Package	Tape & Reel (TR)	Tube	Tube	Tube
Delay to 1st Tap	3.2ns, 6.2ns	3.2ns, 6.2ns	3.2ns, 6.2ns	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Independent Delays	2	2	2	-
Series	-	-	-	ECLinPS MAX™
Function	Multiple, Programmable	Multiple, Programmable	Multiple, Programmable	-
Base Product Number	NB6L295	NB6L295	NB6L295	NB6L56
Available Total Delays	3.2ns ~ 8.5ns, 6.2ns ~ 16.6ns	3.2ns ~ 8.5ns, 6.2ns ~ 16.6ns	3.2ns ~ 8.5ns, 6.2ns ~ 16.6ns	-
Supplier Device Package	24-QFN (4x4)	24-QFN (4x4)	24-QFN (4x4)	32-QFN (5x5)

## NB6L295MMNTXG Datasheet PDF

Download NB6L295MMNTXG pdf datasheets and onsemi documentation for NB6L295MMNTXG - onsemi.

### Datasheets

[NB6L295M.pdf](#)

### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

[Material Declaration NB6L295MMNTXG.pdf](#)

### PCN Design/Specification

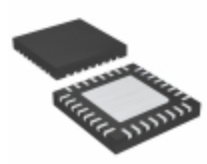
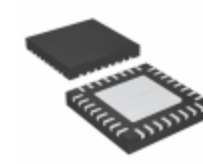
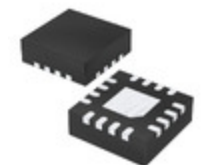
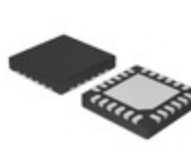
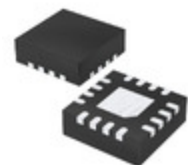
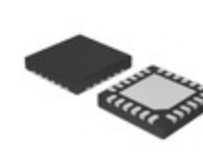
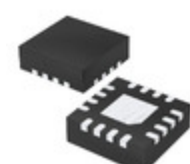
[DFN/QFN Device Lead Finish/BOM Change 27/Apr/2016.pdf](#)

### HTML Datasheet

[NB6L295M.pdf](#)

## Customers Also Interested in

### Recommended Products

**NB6L56MNG**onsemi  
IC CLK BUFFER 2:1 2.5GHZ 32QFN**NB6L14SMNTXG**onsemi  
IC CLK BUFFER 1:4 2GHZ 16QFN**NB6L72MMNG**onsemi  
IC CROSSPOINT SW 1 X 2:2 16QFN**NB6L72MMNR2G**onsemi  
IC CROSSPOINT SW 1 X 2:2 16QFN**NB6L239MNR2**onsemi  
IC CLOCK DIVIDER 16QFN**NB6L572MMNG**onsemi  
IC CLK BUFFER 4:2 6GHZ 32QFN**NB6L72MNG**onsemi  
IC CROSSPOINT SW 1 X 2:2 16QFN**NB6L295MNG**onsemi  
IC DELAY LINE 512TAP PROG 24QFN**NB6L14SMNG**onsemi  
IC CLK BUFFER 1:4 2GHZ 16QFN**NB6L16D**onsemi  
IC TRANSLTR UNIDIRECTIONAL 8SOIC**NB6L14MNR2G**onsemi  
IC CLK BUFFER 1:4 3GHZ 16QFN**NB6L295MMNG**onsemi  
IC DELAY LINE 512TAP PROG 24QFN**NB6L611MNR2G**onsemi  
IC CLK BUFFER 1:2 4GHZ 16QFN**NB6L16DG**onsemi  
IC TRANSLTR UNIDIRECTIONAL 8SOIC**NB6L16DTG**onsemi  
IC TRANSLATOR UNIDIR 8TSSOP**NB6L14SMNTWG**onsemi  
IC CLK BUFFER 1:4 2GHZ 16QFN**NB6L611MNG**onsemi  
IC CLK BUFFER 1:2 4GHZ 16QFN**NB6L14MNG**onsemi  
IC CLK BUFFER 1:4 3GHZ 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 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.



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 Fast Sourcing & Delivery

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## Certifications & Memberships



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