

Image may be representation.
See specifications for product details.



NB7V52MMNG

Manufacturer Part Number	NB7V52MMNG
Manufacturer	onsemi
Allelco Part Number	32D-NB7V52MMNG
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC FF D-TYPE SNGL 1BIT 16QFN
Package	16-VFQFN Exposed Pad
Data sheet	NB7V52M.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NB7V52MMNG - onsemi.New Original in Stock. Download Linear Technology NB7V52MMNG datasheet/specifications on AllelcoElec.com.
Request a quote for NB7V52MMNG, please send us email: info@allelco.com

Specifications

NB7V52MMNG Tech Specifications

NB7V52MMNG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Number of Elements	1
Voltage - Supply	1.71V ~ 2.625V	Number of Bits per Element	1
Type	D-Type	Mounting Type	Surface Mount
Trigger Type	Positive, Negative	Max Propagation Delay @ V, Max CL	0.35ns @ 2.625V, 1GHz
Supplier Device Package	16-QFN (3x3)	Function	Reset
Series	-	Current - Quiescent (Iq)	110 mA
Package / Case	16-VFQFN Exposed Pad	Current - Output High, Low	-
Package	Tube	Clock Frequency	12 GHz
Output Type	Differential	Base Product Number	NB7V52
Operating Temperature	-40°C ~ 85°C (TA)		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NB7V52MMNG

Product Attribute				
Part Number	NB7V52MMNG	NB7V52MMNHTBG	NB7NPQ7022MMUTXG	NB7V585MMNR4G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Max Propagation Delay @ V, Max CL	0.35ns @ 2.625V, 1GHz	0.35ns @ 2.625V, 1GHz	-	-
Type	D-Type	D-Type	Buffer, ReDriver	Fanout Buffer (Distribution), Multiplexer, Translator, Data
Package / Case	16-VFQFN Exposed Pad	16-VFQFN Exposed Pad	16-UFQFN Exposed Pad	32-VFQFN Exposed Pad
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Number of Elements	1	1	-	-
Supplier Device Package	16-QFN (3x3)	16-QFN (3x3)	16-UQFN (3x3)	32-QFN (5x5)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C
Trigger Type	Positive, Negative	Positive, Negative	-	-
Function	Reset	Reset	-	-
Current - Output High, Low	-	-	-	-
Number of Bits per Element	1	1	-	-
Series	-	-	-	GigaComm™
Clock Frequency	12 GHz	12 GHz	-	-
Base Product Number	NB7V52	NB7V52	NB7NPQ7022	NB7V58
Output Type	Differential	Differential	-	-
Voltage - Supply	1.71V ~ 2.625V	1.71V ~ 2.625V	3V ~ 3.6V	1.71V ~ 2.625V
Current - Quiescent (Iq)	110 mA	110 mA	-	-

NB7V52MMNG Datasheet PDF

Download NB7V52MMNG pdf datasheets and onsemi documentation for NB7V52MMNG - onsemi.

Datasheets

[NB7V52M.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

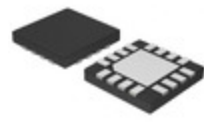
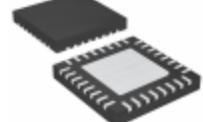



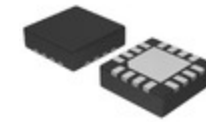

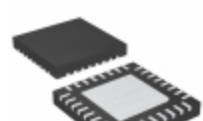








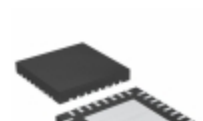

[Material Declaration NB7V52MMNG.pdf](#)

PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

Customers Also Interested in

Recommended Products

					
NB7NPQ7022MMUTXG onsemi IC REDRIVER 2-PORT 16UQFN	NB7V585MMNR4G onsemi IC CLK BUFFER 2:6 7GHZ 32QFN	NB7V52MMNHTBG onsemi IC FF D-TYPE SNGL 1BIT 16QFN	NB7V72MMNTXG onsemi IC CROSSPOINT SW 1 X 2:2 16QFN	NB7V32MMNTXG onsemi IC CLOCK DIVIDER 16QFN	NB7V72MMNG onsemi IC CROSSPOINT SWITCH 2X2 16QFN
					
NB7L86MMNR2G onsemi IC GATE MULTI FUNCT DIFF 16-QFN	NB7LQ572MNR4G onsemi IC CLK BUFFER 4:2 7GHZ 32QFN	NB7V72MMNHTBG onsemi IC CROSSPOINT SW 1 X 2:2 16QFN	NB7V58 AMI Semiconductor/onsemi	NB7V33MMNTXG onsemi IC CLK DIVIDER 1:1 10GHZ 16QFN	NB7NPQ7021MMUTXG onsemi DUAL CHANNEL USB 3.0/3.1
					
NB7V58MMNHTBG onsemi IC CLK MULTIPLEX 2:1 7GHZ 16QFN	NB7V586MMNR4G onsemi IC CLK BUFFER 2:6 6GHZ 32QFN	NB7LQ572 AMI Semiconductor/onsemi	NB7V33MMNG onsemi IC CLK DIVIDER 1:1 10GHZ 16QFN	NB7V585MMNG onsemi IC CLK BUFFER 2:6 7GHZ 32QFN	NB7NPQ702MMUTXG onsemi IC REDRIVER 2 CHAN USB 16UQFN

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.



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-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

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Certifications & Memberships



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