

Image may be representation.  
See specifications for product details.



## NCP303151MNTWG

Manufacturer Part Number	<b>NCP303151MNTWG</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NCP303151MNTWG
ECAD Model	Request Free CAD Models
Parts Description	IC GATE DRVR HI/LOW SIDE PQFN39
Package	39-PowerVFQFN
Data sheet	<b>NCP303151.pdf</b> <b>NCP303151.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

NCP303151MNTWG - onsemi.New Original in Stock. Download Linear Technology NCP303151MNTWG datasheet/specifications on AllelcoElec.com.  
Request a quote for NCP303151MNTWG, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

NCP303151MNTWG Tech Specifications  
NCP303151MNTWG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Mounting Type	Surface Mount
Voltage - Supply	4.5V ~ 5.5V	Logic Voltage - VIL, VIH	0.65V, 2.7V
Supplier Device Package	39-PQFN (5x6)	Input Type	Non-Inverting
Series	-	High Side Voltage - Max (Bootstrap)	30 V
Rise / Fall Time (Typ)	17ns, 26ns	Gate Type	N-Channel MOSFET
Package / Case	39-PowerVFQFN	Driven Configuration	High-Side or Low-Side
Package	Tape & Reel (TR)	Current - Peak Output (Source, Sink)	100mA, 100mA
Operating Temperature	-40°C ~ 125°C (TJ)	Channel Type	Single
Number of Drivers	2	Base Product Number	NCP303151

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP303151MNTWG

Product Attribute				
Part Number	NCP303151MNTWG	<b>NCP303150MNTWG</b>	<b>NCP303152MNTWG</b>	<b>NCP302LSN43T1G</b>
Manufacturer	onsemi	onsemi	onsemi	onsemi
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	-
Gate Type	N-Channel MOSFET	N-Channel MOSFET	N-Channel MOSFET	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	39-PQFN (5x6)	39-PQFN (5x6)	39-PQFN (5x6)	5-TSOP
Channel Type	Single	Single	Single	-
Current - Peak Output (Source, Sink)	100mA, 100mA	100mA, 100mA	80A, 80A	-
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
High Side Voltage - Max (Bootstrap)	30 V	30 V	32 V	-
Number of Drivers	2	2	2	-
Driven Configuration	High-Side or Low-Side	Half-Bridge, Low-Side	High-Side and Low-Side	-
Series	-	-	-	-
Package / Case	39-PowerVFQFN	39-PowerVFQFN	39-PowerVFQFN	SOT-23-5 Thin, TSOT-23-5
Logic Voltage - VIL, VIH	0.65V, 2.7V	0.65V, 2.7V	0.85V, 2.35V	-
Voltage - Supply	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V	-
Rise / Fall Time (Typ)	17ns, 26ns	17ns, 26ns	17ns, 26ns	-
Base Product Number	NCP303151	NCP303150	NCP303152	NCP302

### NCP303151MNTWG Datasheet PDF

Download NCP303151MNTWG pdf datasheets and onsemi documentation for NCP303151MNTWG - onsemi.

#### Datasheets

[NCP303151.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

#### PCN Obsolescence/ EOL

[Obsolete Notice 15/Dec/2022.pdf](#)














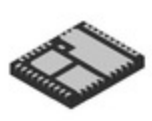




#### PCN Assembly/Origin

[PCN Assembly/Origin.pdf](#)

HTML Datasheet

Customers Also Interested in

Recommended Products

					
<b>NCP302LSN43T1G</b> onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	<b>NCP303LSN13T1G</b> onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	<b>NCP303LSN09T1G</b> onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	<b>NCP302LSN38T1G</b> onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	<b>NCP303LSN15T1G</b> onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	<b>NCP303LSN10T1G</b> onsemi IC SUPERVISOR 1 CHANNEL 5TSOP
					
<b>NCP303LSN11T1G</b> onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	<b>NCP302LSN40T1G</b> onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	<b>NCP303150MNTWG</b> onsemi IC GATE DRVR HALF BRD/LOW PQFN39	<b>NCP303LSN14T1</b> onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	<b>NCP302LSN40T1</b> onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	<b>NCP303LSN16T1G</b> onsemi IC SUPERVISOR 1 CHANNEL 5TSOP
					
<b>NCP302LSN47T1G</b> onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	<b>NCP303152MNTWG</b> onsemi INTEGRATED DRIVER & MOSFET	<b>NCP3030ADR2G</b> onsemi IC REG CTRLR BUCK 850IC	<b>NCP302LSN45T1G</b> onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	<b>NCP303LSN14T1G</b> onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	<b>NCP302LSN47T1</b> onsemi IC SUPERVISOR 1 CHANNEL 5TSOP

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 -

 Efficient Supply Management	 Cost-Saving Procurement	 Fast Sourcing & Delivery
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Contact us if you have any questions.

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Certifications & Memberships



View More

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