

Image may be representation.
See specifications for product details.



NCP303150MNTWG

Manufacturer Part Number	NCP303150MNTWG
Manufacturer	onsemi
Allelco Part Number	32D-NCP303150MNTWG
ECAD Model	Request Free CAD Models
Parts Description	IC GATE DRVR HALF BRD/LOW PQFN39
Package	39-PowerVFQFN
Data sheet	NCP303150.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCP303150MNTWG - onsemi.New Original in Stock. Download Linear Technology NCP303150MNTWG datasheet/specifications on AllelcoElec.com.
Request a quote for NCP303150MNTWG, please send us email: info@allelco.com

Specifications

NCP303150MNTWG Tech Specifications
NCP303150MNTWG - 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	Half-Bridge, 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	NCP303150

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP303150MNTWG

Product Attribute				
Part Number	NCP303150MNTWG	NCP303151MNTWG	NCP303152MNTWG	NCP303LSN10T1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Package / Case	39-PowerVFQFN	39-PowerVFQFN	39-PowerVFQFN	SOT-23-5 Thin, TSOT-23-5
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Series	-	-	-	-
Gate Type	N-Channel MOSFET	N-Channel MOSFET	N-Channel MOSFET	-
Current - Peak Output (Source, Sink)	100mA, 100mA	100mA, 100mA	80A, 80A	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Drivers	2	2	2	-
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Voltage - Supply	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V	-
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	-
Driven Configuration	Half-Bridge, Low-Side	High-Side or Low-Side	High-Side and Low-Side	-
Supplier Device Package	39-PQFN (5x6)	39-PQFN (5x6)	39-PQFN (5x6)	5-TSOP
Logic Voltage - VIL, VIH	0.65V, 2.7V	0.65V, 2.7V	0.85V, 2.35V	-
High Side Voltage - Max (Bootstrap)	30 V	30 V	32 V	-
Rise / Fall Time (Typ)	17ns, 26ns	17ns, 26ns	17ns, 26ns	-
Channel Type	Single	Single	Single	-
Base Product Number	NCP303150	NCP303151	NCP303152	NCP303

NCP303150MNTWG Datasheet PDF

Download NCP303150MNTWG pdf datasheets and onsemi documentation for NCP303150MNTWG - onsemi.

Environmental Information

- onsemi REACH.pdf
- onsemi RoHS.pdf
- Material Declaration NCP303150MNTWG.pdf

PCN Obsolescence/ EOL

- Obsolete Notice 15/Dec/2022.pdf



















PCN Assembly/Origin

- Material Change 12/Dec/2022.pdf

HTML Datasheet

Customers Also Interested in

Recommended Products

					
NCP303LSN10T1G onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	NCP302LSN40T1 onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	NCP302LSN47T1G onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	NCP303LSN15T1G onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	NCP302LSN45T1G onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	NCP302LSN40T1G onsemi IC SUPERVISOR 1 CHANNEL 5TSOP
					
NCP302LSN43T1G onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	NCP303LSN13T1G onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	NCP303151MNTWG onsemi IC GATE DRVR HI/LOW SIDE PQFN39	NCP303LSN14T1 onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	NCP302LSN47T1 onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	NCP303LSN09T1G onsemi IC SUPERVISOR 1 CHANNEL 5TSOP
					
NCP302LSN33T1G onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	NCP303LSN11T1G onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	NCP302LSN38T1G onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	NCP303152MNTWG onsemi INTEGRATED DRIVER & MOSFET	NCP3030ADR2G onsemi IC REG CTRLR BUCK 8SOIC	NCP303LSN14T1G 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

Contact us if you have any questions.

-  Phone
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-  Email
info@allelco.com

Certifications & Memberships



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