

Image may be representation.
See specifications for product details.



NCP302155MNTWG

Manufacturer Part Number	NCP302155MNTWG
Manufacturer	onsemi
Allelco Part Number	32D-NCP302155MNTWG
ECAD Model	Request Free CAD Models
Parts Description	IC GATE DRVR HI/LOW SIDE PQFN31
Package	31-PowerWFQFN
Data sheet	NCP302155.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCP302155MNTWG - onsemi.New Original in Stock. Download Linear Technology NCP302155MNTWG datasheet/specifications on AllelcoElec.com.
Request a quote for NCP302155MNTWG, please send us email: info@allelco.com

Specifications

NCP302155MNTWG Tech Specifications
NCP302155MNTWG - 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	0.7V, 2.65V
Supplier Device Package	31-PQFN (5x5)	Input Type	Non-Inverting
Series	-	High Side Voltage - Max (Bootstrap)	35 V
Rise / Fall Time (Typ)	12ns, 6ns	Gate Type	N-Channel MOSFET
Package / Case	31-PowerWFQFN	Driven Configuration	High-Side or Low-Side
Package	Tape & Reel (TR)	Current - Peak Output (Source, Sink)	2A, 2.5A
Operating Temperature	-40°C ~ 125°C (TJ)	Channel Type	Single
Number of Drivers	2	Base Product Number	NCP302155

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP302155MNTWG

Product Attribute				
Part Number	NCP302155MNTWG	NCP302150MNTWG	NCP302155AMNTWG	NCP302055MNTWG
Manufacturer	onsemi	onsemi	onsemi	onsemi
Number of Drivers	2	2	2	2
Package / Case	31-PowerWFQFN	31-PowerWFQFN	31-PowerWFQFN	31-PowerWFQFN
Voltage - Supply	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Channel Type	Single	Single	Single	Single
Base Product Number	NCP302155	NCP302150	NCP302155	NCP302055
Gate Type	N-Channel MOSFET	N-Channel MOSFET	N-Channel MOSFET	N-Channel MOSFET
Current - Peak Output (Source, Sink)	2A, 2.5A	2A, 2.5A	2A, 2.5A	100mA, 100mA
Supplier Device Package	31-PQFN (5x5)	31-PQFN (5x5)	31-PQFN (5x5)	31-PQFN (5x5)
Rise / Fall Time (Typ)	12ns, 6ns	12ns, 6ns	12ns, 6ns	12ns, 6ns
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
High Side Voltage - Max (Bootstrap)	35 V	35 V	40 V	-
Series	-	-	-	-
Logic Voltage - VIL, VIH	0.7V, 2.65V	0.7V, 2.65V	0.7V, 2.65V	0.7V, 2.65V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Driven Configuration	High-Side or Low-Side	High-Side or Low-Side	High-Side and Low-Side	Half-Bridge, Low-Side
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TJ)

NCP302155MNTWG Datasheet PDF

Download NCP302155MNTWG pdf datasheets and onsemi documentation for NCP302155MNTWG - onsemi.

Datasheets

[NCP302155.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)







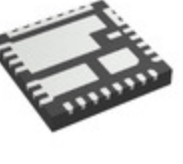
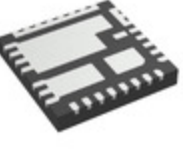
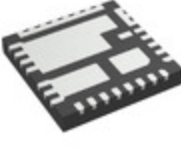



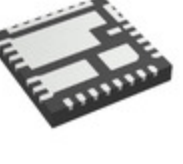
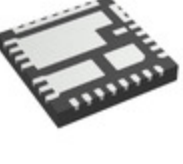




[onsemi RoHS.pdf](#)

PCN Assembly/Origin

[Mult Dev 05/Oct/2022.pdf](#)

Customers Also Interested in

Recommended Products

					
NCP3020ADR2G onsemi IC REG CTRLR BUCK 8SOIC	NCP302LSN15T1 onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	NCP302LSN15T1G onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	NCP302035MNTXG AMI Semiconductor/onsemi	NCP302HSN27T1G onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	NCP302HSN09T1 onsemi IC SUPERVISOR 1 CHANNEL 5TSOP
					
NCP302150MNTWG onsemi IC GATE DRVR HI/LOW SIDE PQFN31	NCP302040MNTWG onsemi IC PWR DRIVER P-CHAN 2:1 31PQFN	NCP302155AMNTWG onsemi INT DRIVER AND MOSFET	NCP302HSN30T1G onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	NCP302HSN18T1G onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	NCP302LSN13T1 onsemi IC SUPERVISOR PWR SUP SUPPORT
					
NCP302045MNTWG onsemi IC PWR DRIVER P-CHAN 2:1 31PQFN	NCP302055MNTWG onsemi IC GATE DRVR HALF BRD/LOW PQFN31	NCP302HSN45T1G onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	NCP3020BDR2G onsemi IC REG CTRLR BUCK 8SOIC	NCP302LSN09T1G onsemi IC SUPERVISOR 1 CHANNEL 5TSOP	NCP302LSN09T1 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.

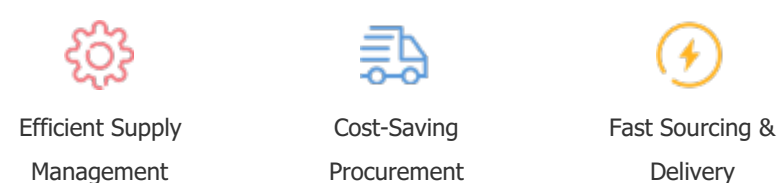
Contact us if you have any questions.

Payment Support

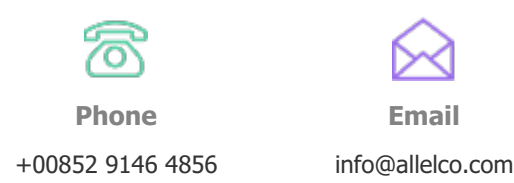
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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