





NCP81061MNTWG

Manufacturer Part Number	NCP81061MNTWG
Manufacturer	onsemi
Allelco Part Number	32D-NCP81061MNTWG
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	IC GATE DRVR HALF-BRIDGE DL QFN
Package	-
Data sheet	NCP81061MNTWG.pdf
RoHs Status	 ROHS3 Compliant

ON Semiconductor® 

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NCP81061MNTWG - onsemi.New Original in Stock. Download Linear Technology NCP81061MNTWG datasheet/specifications on AllelcoElec.com.

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Specifications





NCP81061MNTWG Tech Specifications

NCP81061MNTWG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Mounting Type	-
Voltage - Supply	4.5V ~ 13.2V	Logic Voltage - VIL, VIH	1V, 2V
Supplier Device Package	-	Input Type	Non-Inverting
Series	-	High Side Voltage - Max (Bootstrap)	35 V
Rise / Fall Time (Typ)	16ns, 11ns	Gate Type	N-Channel MOSFET
Package / Case	-	Driven Configuration	Half-Bridge
Package	Tape & Reel (TR)	Current - Peak Output (Source, Sink)	-
Operating Temperature	-10°C ~ 150°C (TJ)	Channel Type	Synchronous
Number of Drivers	4	Base Product Number	NCP81061

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP81061MNTWG

Product Attribute	 NO PICTURE			
Part Number	NCP81061MNTWG	NCP81071ADR2G	NCP81071BMNTXG	NCP81071BZR2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Series	-	-	-	-
Number of Drivers	4	2	2	2
Operating Temperature	-10°C ~ 150°C (TJ)	-40°C ~ 140°C (TJ)	-40°C ~ 140°C (TJ)	-40°C ~ 140°C (TJ)
Package / Case	-	8-SOIC (0.154", 3.90mm Width)	8-WDFN Exposed Pad	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad
Mounting Type	-	Surface Mount	Surface Mount	Surface Mount
Logic Voltage - VIL, VIH	1V, 2V	1.2V, 1.8V	1.2V, 1.8V	1.2V, 1.8V
Voltage - Supply	4.5V ~ 13.2V	4.5V ~ 20V	4.5V ~ 20V	4.5V ~ 20V
Supplier Device Package	-	8-SOIC	8-WDFN (3x3)	8-MSOP-EP
High Side Voltage - Max (Bootstrap)	35 V	-	-	-
Base Product Number	NCP81061	NCP81071	NCP81071	NCP81071
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Channel Type	Synchronous	Independent	Independent	Independent
Rise / Fall Time (Typ)	16ns, 11ns	8ns, 8ns	8ns, 8ns	8ns, 8ns
Driven Configuration	Half-Bridge	Low-Side	Low-Side	Low-Side
Input Type	Non-Inverting	Inverting	Non-Inverting	Non-Inverting
Gate Type	N-Channel MOSFET	N-Channel MOSFET	N-Channel MOSFET	N-Channel MOSFET
Current - Peak Output (Source, Sink)	-	5A, 5A	5A, 5A	5A, 5A

NCP81061MNTWG Datasheet PDF

Download NCP81061MNTWG pdf datasheets and onsemi documentation for NCP81061MNTWG - onsemi.

Environmental Information



onsemi RoHS.pdf



onsemi REACH.pdf



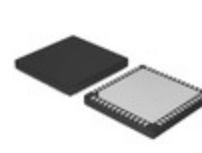
Material Declaration NCP81061MNTWG.pdf

Customers Also Interested in

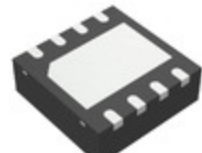
Recommended Products



NCP81071ADR2G
onsemi
IC GATE DRVR LOW-SIDE 8SOIC



NCP81022NMNTXG
onsemi
AMD VR CONTROLLER



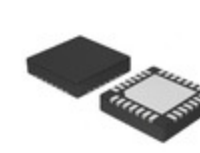
NCP81071BMNTXG
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IC GATE DRVR LOW-SIDE 8WDFN



NCP81071BZR2G
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IC GATE DRVR LOW-SIDE 8MSOP



NCP81038
AMI Semiconductor/onsemi



NCP81038MNTWG
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IC REG QUAD BUCK/LINEAR 28QFN

					
NCP81062MNTWG onsemi IC GATE DRVR HALF-BRIDGE 8DFN	NCP81071AMNTXG onsemi IC GATE DRVR LOW-SIDE 8WDFN	NCP81031MNTWG onsemi IC REG CTRLR BUCK 16QFN	NCP81022MNTXG Fairchild Semiconductor AMD VR CONTROLLER	NCP81071AZR2G onsemi IC GATE DRVR LOW-SIDE 8MSOP	NCP81071DDR2G onsemi NCP81071 - DUAL 5 LOW -SIDE DRIV
					
NCP81071BDR2G onsemi IC GATE DRVR LOW-SIDE 8SOIC	NCP81051 AMI Semiconductor/onsemi	NCP81051MNTBG onsemi IC GATE DRVR HALF-BRIDGE 8DFN	NCP81022 AMI Semiconductor/onsemi	NCP81022MNTXG onsemi IC CONTROLLER AMD VR QFN	NCP81071CDR2G onsemi IC GATE DRVR LOW-SIDE 8SOIC

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.

-  Phone
+00852 9146 4856
-  Email
info@allelco.com

Certifications & Memberships



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