

Image may be representation.  
See specifications for product details.



## NCP81172MNTXG

Manufacturer Part Number	<b>NCP81172MNTXG</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NCP81172MNTXG
ECAD Model	Request Free CAD Models
Parts Description	IC REG CTRLR BUCK PSI 24QFN
Package	24-VFQFN Exposed Pad
Data sheet	<b>NCP81172.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

NCP81172MNTXG - onsemi.New Original in Stock. Download Linear Technology NCP81172MNTXG datasheet/specifications on AllelcoElec.com.  
Request a quote for NCP81172MNTXG, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

NCP81172MNTXG Tech Specifications  
NCP81172MNTXG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Configuration	Positive
Voltage - Supply (Vcc/Vdd)	4.5V ~ 5.5V	Operating Temperature	-40°C ~ 100°C (TA)
Topology	Buck	Number of Outputs	2
Synchronous Rectifier	Yes	Mounting Type	Surface Mount
Supplier Device Package	24-QFN (4x4)	Function	Step-Down
Series	-	Frequency - Switching	200kHz ~ 800kHz
Serial Interfaces	PSI	Duty Cycle (Max)	100%
Package / Case	24-VFQFN Exposed Pad	Control Features	Enable, Frequency Control, Phase Control, Power Good
Package	Tape & Reel (TR)	Clock Sync	No
Output Type	Transistor Driver	Base Product Number	NCP81172
Output Phases	2		

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP81172MNTXG

Product Attribute				
Part Number	NCP81172MNTXG	NCP81201MNTXG	NCP81174MNTXG	NCP81172LMNTXG
Manufacturer	onsemi	AMI Semiconductor / ON Semiconductor	onsemi	onsemi
Package	Tape & Reel (TR)	-	Tape & Reel (TR)	Bulk
Mounting Type	Surface Mount	-	Surface Mount	-
Output Type	Transistor Driver	-	PWM Signal	-
Function	Step-Down	-	Step-Down	-
Clock Sync	No	-	No	-
Topology	Buck	-	Buck	-
Control Features	Enable, Frequency Control, Phase Control, Power Good	-	Current Limit, Enable, Frequency Control, Power Good	-
Output Configuration	Positive	-	Positive	-
Supplier Device Package	24-QFN (4x4)	-	32-QFN (5x5)	-
Frequency - Switching	200kHz ~ 800kHz	-	200kHz ~ 1MHz	-
Operating Temperature	-40°C ~ 100°C (TA)	-	0°C ~ 100°C (TA)	-
Series	-	-	-	*
Serial Interfaces	PSI	-	-	-
Voltage - Supply (Vcc/Vdd)	4.5V ~ 5.5V	-	7V ~ 20V	-
Output Phases	2	-	4	-
Package / Case	24-VFQFN Exposed Pad	-	32-VFQFN Exposed Pad	-
Number of Outputs	2	-	4	-
Synchronous Rectifier	Yes	-	No	-
Base Product Number	NCP81172	-	NCP81174	NCP81172
Duty Cycle (Max)	100%	-	-	-

### NCP81172MNTXG Datasheet PDF

Download NCP81172MNTXG pdf datasheets and onsemi documentation for NCP81172MNTXG - onsemi.

#### Environmental Information

onsemi REACH.pdf

onsemi RoHS.pdf

Material Declaration NCP81172MNTXG.pdf

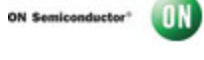
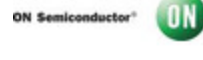
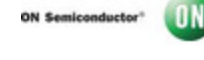

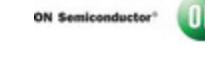
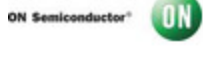
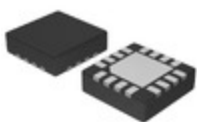
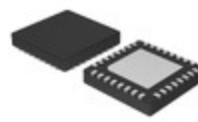


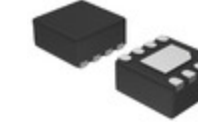







#### PCN Assembly/Origin

NCN51x/NCP81x 04/Aug/2022.pdf

 NCP81172.pdf

## Customers Also Interested in

### Recommended Products

 <b>NCP81162</b> AMI Semiconductor/onsemi	 <b>NCP81201MNTXG</b> AMI Semiconductor / ON Semiconductor IC REG CTRLR 1-PHASE QFN	 <b>NCP81166HMNTBG</b> onsemi VR12.5 COMPATIBLE DUAL SYNCHRONO	 <b>NCP81203AMNTXG</b> AMI Semiconductor/onsemi	 <b>NCP81172</b> AMI Semiconductor/onsemi	 <b>NCP81201</b> AMI Semiconductor/onsemi
 <b>NCP81162MNR2G</b> onsemi IC CURRENT MONITOR 16QFN	 <b>NCP81174MNTXG</b> onsemi IC REG CTRLR BUCK 32QFN	 <b>NCP81172L</b> AMI Semiconductor/onsemi	 <b>NCP81166MNTBG</b> onsemi IC GATE DRVR HALF-BRIDGE	 <b>NCP81168MNTBG</b> onsemi IC GATE DRVR HALF-BRIDGE 8DFN	 <b>NCP81172LMNTXG</b> onsemi 2/1-PHASE SYNCHRONOUS BUC
 <b>NCP81203MNTXG</b> onsemi IC CTRLR IMVP8 3+2 NOTEBOOK QFN	 <b>NCP81174</b> AMI Semiconductor/onsemi	 <b>NCP81203</b> AMI Semiconductor/onsemi	 <b>NCP81166</b> AMI Semiconductor/onsemi	 <b>NCP81166AMNTBG</b> AMI Semiconductor/onsemi	 <b>NCP81178MNTXG</b> onsemi SECONDARY SYNCHRONOUS RECTIFIER

## 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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### Certifications & Memberships



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