

Image may be representation.
See specifications for product details.



NCP3231AMNTXG

Manufacturer Part Number	NCP3231AMNTXG
Manufacturer	onsemi
Allelco Part Number	32D-NCP3231AMNTXG
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG BUCK ADJUSTABLE 25A 40QFN
Package	40-VFQFN Exposed Pad
Data sheet	NCP3231A.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCP3231AMNTXG - onsemi.New Original in Stock. Download Linear Technology NCP3231AMNTXG datasheet/specifications on AllelcoElec.com.
Request a quote for NCP3231AMNTXG, please send us email: info@allelco.com

Specifications

NCP3231AMNTXG Tech Specifications
NCP3231AMNTXG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	0.6V	Output Type	Adjustable
Voltage - Output (Max)	16.56V	Output Configuration	Positive
Voltage - Input (Min)	4.5V	Operating Temperature	-40°C ~ 90°C (TA)
Voltage - Input (Max)	18V	Number of Outputs	1
Topology	Buck	Mounting Type	Surface Mount
Synchronous Rectifier	Yes	Function	Step-Down
Supplier Device Package	40-QFN (6x6)	Frequency - Switching	500kHz
Series	-	Current - Output	25A
Package / Case	40-VFQFN Exposed Pad	Base Product Number	NCP3231

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP3231AMNTXG

Product Attribute				
Part Number	NCP3231AMNTXG	NCP3232NMNTXG	NCP3284MNTXG	NCP3170BDR2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Synchronous Rectifier	Yes	Yes	Yes	Both
Function	Step-Down	Step-Down	Step-Down	Step-Down
Supplier Device Package	40-QFN (6x6)	40-QFN (6x6)	37-PQFN (5x6)	8-SOIC
Topology	Buck	Buck	Buck	Buck
Current - Output	25A	15A	30A	3A
Output Configuration	Positive	Positive	Positive	Positive
Voltage - Output (Min/Fixed)	0.6V	0.6V	0.8V	0.8V
Operating Temperature	-40°C ~ 90°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 100°C (TA)	-40°C ~ 85°C (TA)
Frequency - Switching	500kHz	500kHz	500kHz, 600kHz, 800kHz, 1MHz	1MHz
Package / Case	40-VFQFN Exposed Pad	40-VFQFN Exposed Pad	37-PowerWFQFN	8-SOIC (0.154", 3.90mm Width)
Voltage - Output (Max)	16.56V	19.32V	15.3V	17.28V
Voltage - Input (Min)	4.5V	4.5V	4.5V	4.5V
Voltage - Input (Max)	18V	21V	18V	18V
Base Product Number	NCP3231	NCP3232	NCP3284	NCP3170
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Output Type	Adjustable	Adjustable	Adjustable	Adjustable
Number of Outputs	1	1	1	1
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

NCP3231AMNTXG Datasheet PDF

Download NCP3231AMNTXG pdf datasheets and onsemi documentation for NCP3231AMNTXG - onsemi.

Environmental Information

- onsemi RoHS.pdf
- onsemi REACH.pdf
- Material Declaration NCP3231AMNTXG.pdf

PCN Obsolescence/ EOL

- Cylindrical Battery Holders.pdf

HTML Datasheet

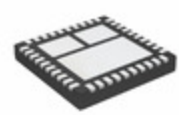
NCP3231A.pdf

PCN Assembly/Origin

2.73KHz.pdf

Customers Also Interested in

Recommended Products



NCP3232NMNTXG
onsemi
IC REG BUCK ADJUSTABLE 15A 40QFN



NCP3284MNTXG
onsemi
IC GATE DRVR 25A INTEG POL



NCP3218G
AMI Semiconductor/onsemi



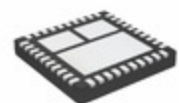
NCP3231A
AMI Semiconductor/onsemi



NCP3170BDR2G
onsemi
IC REG BUCK ADJUSTABLE 3A 8SOIC



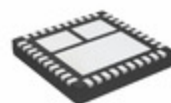
NCP3232N
AMI Semiconductor/onsemi



NCP3231MNTXG
onsemi
IC REG BUCK ADJUSTABLE 25A 40QFN



NCP3218
AMI Semiconductor/onsemi



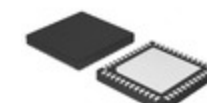
NCP3230MNTXG
onsemi
IC REG BUCK ADJUSTABLE 30A 40QFN



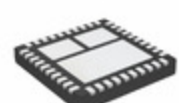
NCP3230
AMI Semiconductor/onsemi



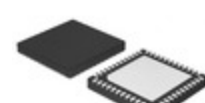
NCP3232L
AMI Semiconductor/onsemi



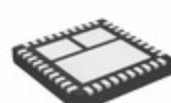
NCP3218MNR2G
onsemi
IC REG CTRLR IMVP-6.5 1OUT 48QFN



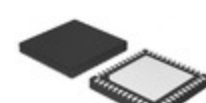
NCP3235MNTXG
onsemi
IC REG BUCK ADJUSTABLE 15A 40QFN



NCP3218AMNR2G
onsemi
IC REG CTRLR IMVP-6.5 1OUT 48QFN



NCP3232LMNTXG
onsemi
IC REG SYNC BUCK CONV QFN



NCP3218GMNR2G
onsemi
IC REG CTRLR IMVP-6.5 1OUT 48QFN



NCP3231
AMI Semiconductor/onsemi



NCP330MUTBG
onsemi
IC PWR SWITCH N-CHAN 1:1 4UDFN

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

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



View More