

Image may be representation.  
See specifications for product details.



## NCP5230MNTWG

Manufacturer Part Number	<b>NCP5230MNTWG</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NCP5230MNTWG
ECAD Model	Request Free CAD Models
Parts Description	IC REG CTRLR BUCK 16QFN
Package	16-VFQFN Exposed Pad
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

NCP5230MNTWG - onsemi.New Original in Stock. Download Linear Technology NCP5230MNTWG datasheet/specifications on AllelcoElec.com.  
Request a quote for NCP5230MNTWG, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

NCP5230MNTWG Tech Specifications

NCP5230MNTWG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Configuration	Positive
Voltage - Supply (Vcc/Vdd)	4.5V ~ 13.2V	Operating Temperature	0°C ~ 85°C (TA)
Topology	Buck	Number of Outputs	1
Synchronous Rectifier	Yes	Mounting Type	Surface Mount
Supplier Device Package	16-QFN (3x3)	Function	Step-Down
Series	-	Frequency - Switching	100kHz ~ 1MHz
Serial Interfaces	-	Duty Cycle (Max)	95%
Package / Case	16-VFQFN Exposed Pad	Control Features	Enable, Power Good
Package	Tape & Reel (TR)	Clock Sync	Yes
Output Type	Transistor Driver	Base Product Number	NCP5230
Output Phases	1		

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP5230MNTWG

Product Attribute				
Part Number	NCP5230MNTWG	<b>NCP5269BMNTWG</b>	<b>NCP5269MNTWG</b>	<b>NCP5220MNR2</b>
Manufacturer	onsemi	onsemi	onsemi	onsemi
Number of Outputs	1	1	1	2
Clock Sync	Yes	No	No	-
Duty Cycle (Max)	95%	-	-	-
Series	-	-	-	-
Control Features	Enable, Power Good	Enable, Frequency Control, Power Good	Enable, Frequency Control, Power Good	-
Output Type	Transistor Driver	Transistor Driver	Transistor Driver	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Operating Temperature	0°C ~ 85°C (TA)	-40°C ~ 100°C (TA)	-40°C ~ 100°C (TA)	0°C ~ 70°C
Function	Step-Down	Step-Down	Step-Down	-
Synchronous Rectifier	Yes	Yes	Yes	-
Base Product Number	NCP5230	NCP5269	NCP5269	NCP5220
Topology	Buck	Buck	Buck	-
Voltage - Supply (Vcc/Vdd)	4.5V ~ 13.2V	3.3V ~ 28V	4.5V ~ 5.5V	-
Output Configuration	Positive	Positive	Positive	-
Package / Case	16-VFQFN Exposed Pad	20-VFQFN Exposed Pad	20-VFQFN Exposed Pad	20-VDFN Exposed Pad
Serial Interfaces	-	-	-	-
Supplier Device Package	16-QFN (3x3)	20-QFN (3x3)	20-QFN (3x3)	20-DFN (6x5)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Phases	1	1	1	-
Frequency - Switching	100kHz ~ 1MHz	300kHz, 400kHz, 600kHz	300kHz, 400kHz, 600kHz	-

### NCP5230MNTWG Datasheet PDF

Download NCP5230MNTWG pdf datasheets and onsemi documentation for NCP5230MNTWG - onsemi.

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### Environmental Information

[onsemi RoHS.pdf](#)

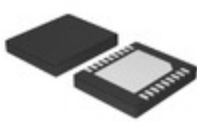
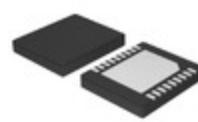




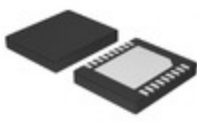






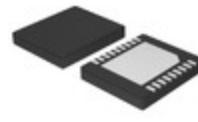
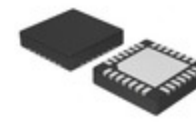

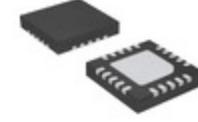
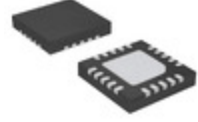
[onsemi REACH.pdf](#)

[Material Declaration NCP5230MNTWG.pdf](#)

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## Customers Also Interested in

### Recommended Products

					
<b>NCP5220MNR2</b> onsemi IC REG CTRLR DDR 2OUT 20QFN	<b>NCP5220AMNR2G</b> onsemi IC REG CTRLR DDR 2OUT 20QFN	<b>NCP5218MNR2G</b> onsemi IC REG CTRLR DDR 2OUT 22DFN	<b>NCP5304DR2G</b> onsemi IC GATE DRVR HALF-BRIDGE 8SOIC	<b>NCP5228MNTWG</b> onsemi IC REG SYNC BUCK CONV QFN	<b>NCP5316FTR2</b> onsemi IC REG CTRLR CPU 6OUT 48LQFP
					
<b>NCP5220MNR2G</b> onsemi IC REG CTRLR DDR 2OUT 20QFN	<b>NCP5314FTR2</b> onsemi IC REG CTRLR CPU 4OUT 32LQFP	<b>NCP5217F</b> AMI Semiconductor/onsemi	<b>NCP5228</b> AMI Semiconductor/onsemi	<b>NCP5225MNR2G</b> AMI Semiconductor/onsemi	<b>NCP5252MNTXG</b> onsemi IC REG BUCK ADJUSTABLE 2A 16QFN
					
<b>NCP5269</b> AMI Semiconductor/onsemi	<b>NCP5220AMNR2</b> onsemi IC REG CTRLR DDR 2OUT 20QFN	<b>NCP5222MNR2G</b> onsemi IC CTRL BUCK 2CH 2PH 28QFN	<b>NCP5269AMNTWG</b> onsemi NCP5269 - System Agent Controlle	<b>NCP5269BMNTWG</b> onsemi IC REG CTRLR BUCK 20QFN	<b>NCP5269MNTWG</b> onsemi IC REG CTRLR BUCK 20QFN

## 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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### Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
Phone: +00852 9146 4856  
Fax: +00852 3010 8510  
Email: info@Allelco.com