

Image may be representation.  
See specifications for product details.



## NCP1217D100R2G

Manufacturer Part Number **NCP1217D100R2G**

Manufacturer **onsemi**

Allelco Part Number **32D-NCP1217D100R2G**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC OFFLINE SWITCH FLYBACK 8SOIC**

Package **8-SOIC (0.154', 3.90mm Width)**

Data sheet **[Cylindrical Battery Holders.pdf](#)**

**[NCP1217\(A\).pdf](#)**

RoHs Status **ROHS3 Compliant**

**Get a Quote**

NCP1217D100R2G - onsemi.New Original in Stock. Download Linear Technology NCP1217D100R2G datasheet/specifications on AllelcoElec.com.

Request a quote for NCP1217D100R2G, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

NCP1217D100R2G Tech Specifications

NCP1217D100R2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Isolation	Isolated
Voltage - Supply (Vcc/Vdd)	7.6V ~ 16V	Operating Temperature	0°C ~ 150°C (TJ)
Voltage - Start Up	12.8 V	Mounting Type	Surface Mount
Voltage - Breakdown	-	Internal Switch(s)	No
Topology	Flyback	Frequency - Switching	100kHz
Supplier Device Package	8-SOIC	Fault Protection	Over Load, Over Temperature, Short Circuit
Series	-	Duty Cycle	74%
Package / Case	8-SOIC (0.154', 3.90mm Width)	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	NCP1217

## Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP1217D100R2G

Product Attribute				
Part Number	NCP1217D100R2G	NCP1216P65G	NCP1216P133	NCP1217AD65R2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Voltage - Start Up	12.8 V	-	-	12.8 V
Output Isolation	Isolated	Isolated	Isolated	Isolated
Voltage - Supply (Vcc/Vdd)	7.6V ~ 16V	10V ~ 16V	10V ~ 16V	7.6V ~ 16V
Internal Switch(s)	No	No	No	No
Base Product Number	NCP1217	NCP1216	NCP1216	NCP1217
Frequency - Switching	100kHz	65kHz	133kHz	65kHz
Fault Protection	Over Load, Over Temperature, Short Circuit	Over Load, Over Temperature, Short Circuit	Over Load, Over Temperature, Short Circuit	Over Load, Over Temperature, Short Circuit
Mounting Type	Surface Mount	Through Hole	Through Hole	Surface Mount
Topology	Flyback	Flyback	Flyback	Flyback
Control Features	-	-	-	-
Series	-	-	-	-
Voltage - Breakdown	-	-	-	-
Supplier Device Package	8-SOIC	7-PDIP	7-PDIP	8-SOIC
Duty Cycle	74%	75%	75%	46.5%
Operating Temperature	0°C ~ 150°C (TJ)	0°C ~ 150°C (TJ)	0°C ~ 150°C (TJ)	0°C ~ 150°C (TJ)
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-DIP (0.300', 7.62mm), 7 Leads	8-DIP (0.300', 7.62mm), 7 Leads	8-SOIC (0.154', 3.90mm Width)
Package	Tape & Reel (TR)	Tube	Tube	Tape & Reel (TR)

## NCP1217D100R2G Datasheet PDF

Download NCP1217D100R2G pdf datasheets and onsemi documentation for NCP1217D100R2G - onsemi.

### Datasheets



[Cylindrical Battery Holders.pdf](#)

### Environmental Information



[onsemi RoHS.pdf](#)



[Material Declaration NCP1217D100R2G.pdf](#)

### PCN Packaging



















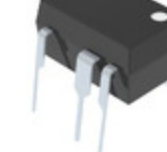

[2.73KHz.pdf](#)

### PCN Obsolescence/ EOL

HTML Datasheet

Customers Also Interested in

Recommended Products

 <b>NCP1216P65G</b> onsemi IC OFFLINE SWITCH FLYBACK 7DIP	 <b>NCP1216P133</b> onsemi IC OFFLINE SWITCH FLYBACK 7DIP	 <b>NCP1217AD65R2G</b> onsemi IC OFFLINE SWITCH FLYBACK 8SOIC	 <b>NCP1216D133R2G</b> onsemi IC OFFLINE SWITCH FLYBACK 8SOIC	 <b>NCP1216D65R2G</b> onsemi IC OFFLINE SWITCH FLYBACK 8SOIC	 <b>NCP1217AD133R2G</b> onsemi IC OFFLINE SWITCH FLYBACK 8SOIC
 <b>NCP1218AD65R2G</b> onsemi IC OFFLINE SWITCH FLYBACK 7SOIC	 <b>NCP1219AD100R2G</b> onsemi IC OFFLINE SWITCH FLYBACK 7SOIC	 <b>NCP1219BD100R2G</b> onsemi IC OFFLINE SWITCH FLYBACK 7SOIC	 <b>NCP1217AD100R2G</b> onsemi IC OFFLINE SWITCH FLYBACK 8SOIC	 <b>NCP1217P65G</b> onsemi IC OFFLINE SWITCH FLYBACK 7DIP	 <b>NCP1216D65R2</b> onsemi IC OFFLINE SWITCH FLYBACK 8SOIC
 <b>NCP1219AD65R2G</b> onsemi IC OFFLINE SWITCH FLYBACK 7SOIC	 <b>NCP1217D133R2G</b> onsemi IC OFFLINE SWITCH FLYBACK 8SOIC	 <b>NCP1217P100G</b> onsemi IC OFFLINE SWITCH FLYBACK 7DIP	 <b>NCP1216P100G</b> onsemi IC OFFLINE SWITCH FLYBACK 7DIP	 <b>NCP1217AP100G</b> onsemi IC OFFLINE SWITCH FLYBACK 7DIP	 <b>NCP1217D65R2G</b> onsemi IC OFFLINE SWITCH FLYBACK 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.



Your Faithful Supply Chain Partner -

 Efficient Supply Management	 Cost-Saving Procurement	 Fast Sourcing & Delivery
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Contact us if you have any questions.

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Certifications & Memberships



View More

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