

Image may be representation.
See specifications for product details.

NCP12700BDNR2G

Manufacturer Part Number	NCP12700BDNR2G
Manufacturer	onsemi
Allelco Part Number	32D-NCP12700BDNR2G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OFFLINE SWITCH FLYBACK 10MSOP
Package	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Data sheet	NCP12700.pdf
RoHs Status	ROHS3 Compliant

Get a Quote



NCP12700BDNR2G - onsemi.New Original in Stock. Download Linear Technology NCP12700BDNR2G datasheet/specifications on AllelcoElec.com.
Request a quote for NCP12700BDNR2G, please send us email: info@allelco.com

Specifications

NCP12700BDNR2G Tech Specifications
NCP12700BDNR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Supply (Vcc/Vdd)	9V ~ 20V	Mounting Type	Surface Mount
Voltage - Breakdown	-	Internal Switch(s)	No
Topology	Flyback	Frequency - Switching	100kHz ~ 1MHz
Supplier Device Package	10-MSOP	Fault Protection	Current Limiting, Open Loop, Over Load, Over Power, Over Temperature, Over Voltage, Short Circuit
Series	-	Duty Cycle	80%
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	Control Features	EN, Frequency Control, Soft Start, Sync
Package	Tape & Reel (TR)	Base Product Number	NCP12700
Output Isolation	Isolated		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP12700BDNR2G

Product Attribute				
Part Number	NCP12700BDNR2G	NCP1253BSN65T1G	NCP1253ASN65T1G	NCP1256ESN65T1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Control Features	EN, Frequency Control, Soft Start, Sync	Frequency Control, Soft Start	-	-
Output Isolation	Isolated	Isolated	Isolated	Isolated
Frequency - Switching	100kHz ~ 1MHz	65kHz	65kHz	65kHz
Topology	Flyback	Flyback	Flyback	Flyback
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	SOT-23-6 Thin, TSOT-23-6	SOT-23-6 Thin, TSOT-23-6	SOT-23-6 Thin, TSOT-23-6
Internal Switch(s)	No	No	No	No
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Breakdown	-	-	-	-
Supplier Device Package	10-MSOP	6-TSOP	6-TSOP	6-TSOP
Voltage - Supply (Vcc/Vdd)	9V ~ 20V	8.8V ~ 28V	8.8V ~ 28V	8.9V ~ 28V
Base Product Number	NCP12700	NCP1253	NCP1253	NCP1256
Duty Cycle	80%	80%	80%	80%
Operating Temperature	-40°C ~ 125°C (TJ)	150°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Fault Protection	Current Limiting, Open Loop, Over Load, Over Power, Over Temperature, Over Voltage, Short Circuit	Current Limiting, Open Loop, Over Voltage, Short Circuit	Over Voltage, Short Circuit	Over Power, Over Voltage, Short Circuit
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)

NCP12700BDNR2G Datasheet PDF

Download NCP12700BDNR2G pdf datasheets and onsemi documentation for NCP12700BDNR2G - onsemi.

Datasheets

[NCP12700.pdf](#)

Environmental Information





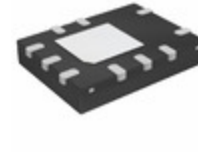













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[Material Declaration NCP12700BDNR2G.pdf](#)

Customers Also Interested in

Recommended Products

 NCP1253BSN65T1G onsemi IC PWM CTRLR OCP AUTO	 NCP1253ASN65T1G onsemi IC OFFLINE SWITCH FLYBACK 6TSOP	 NCP1256ESN65T1G onsemi IC OFFLINE SWITCH FLYBACK 6TSOP	 NCP1271D65R2G onsemi IC OFFLINE SWITCH FLYBACK 7SOIC	 NCP12700BMTTXG onsemi IC OFFLINE SWITCH FLYBACK 10WQFN	 NCP1271BDR AMI Semiconductor/onsemi
 NCP1255BD65R2G onsemi IC OFFLINE SWITCH FLYBACK 8SOIC	 NCP1271ADR2G AMI Semiconductor/onsemi	 NCP1280DR2 onsemi IC OFFLINE SW MULT TOP 16SOIC	 NCP1254BD133R2G AMI Semiconductor/onsemi	 NCP1255AD65R2G onsemi IC OFF-LINE CNTRLR PWM CM 8SOIC	 NCP1271D100R2G onsemi IC OFFLINE SWITCH FLYBACK 7SOIC
 NCP1254BD65R2G AMI Semiconductor/onsemi	 NCP1280DR2G onsemi IC OFFLINE SW MULT TOP 16SOIC	 NCP1252DDR2G onsemi IC OFFLINE SWITCH MULT TOP 8SOIC	 NCP1271ADR NO PICTURE	 NCP1252EDR2G onsemi IC OFFLINE SWITCH MULT TOP 8SOIC	 NCP1253BSN100T1G onsemi IC OFFLINE SWITCH FLYBACK 6TSOP

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
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Certifications & Memberships



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