

Image may be representation.  
See specifications for product details.



## NCP1013ST100T3G

Manufacturer Part Number	<b>NCP1013ST100T3G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NCP1013ST100T3G
ECAD Model	Request Free CAD Models
Parts Description	IC OFFLINE SWITCH FLYBACK SOT223
Package	TO-261-4, TO-261AA
Data sheet	<b>NCP1010-14.pdf</b> <b>NCP1010-14.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

NCP1013ST100T3G - onsemi.New Original in Stock. Download Linear Technology NCP1013ST100T3G datasheet/specifications on AllelcoElec.com.  
Request a quote for NCP1013ST100T3G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

NCP1013ST100T3G Tech Specifications  
NCP1013ST100T3G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Isolation	Isolated
Voltage - Supply (Vcc/Vdd)	8.5V ~ 10V	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Breakdown	700V	Mounting Type	Surface Mount
Topology	Flyback	Internal Switch(s)	Yes
Supplier Device Package	SOT-223 (TO-261)	Frequency - Switching	100kHz
Series	-	Fault Protection	Over Load, Over Temperature, Over Voltage
Power (Watts)	19 W	Duty Cycle	67%
Package / Case	TO-261-4, TO-261AA	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	NCP1013

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP1013ST100T3G

Product Attribute				
Part Number	NCP1013ST100T3G	NCP1014AP100G	NCP1014APL065R2G	NCP1014AP065G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Control Features	-	-	-	-
Internal Switch(s)	Yes	Yes	Yes	Yes
Mounting Type	Surface Mount	Through Hole	Surface Mount	Through Hole
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube
Fault Protection	Over Load, Over Temperature, Over Voltage	Over Load, Over Temperature, Over Voltage	Over Load, Over Temperature, Over Voltage	Over Load, Over Temperature, Over Voltage
Package / Case	TO-261-4, TO-261AA	8-DIP (0.300", 7.62mm), 7 Leads	8-SMD (7 Leads), Gull Wing	8-DIP (0.300", 7.62mm), 7 Leads
Frequency - Switching	100kHz	100kHz	65kHz	65kHz
Voltage - Breakdown	700V	700V	700V	700V
Power (Watts)	19 W	19 W	19 W	19 W
Series	-	-	-	-
Topology	Flyback	Flyback	Flyback	Flyback
Base Product Number	NCP1013	NCP1014	NCP1014	NCP1014
Output Isolation	Isolated	Isolated	Isolated	Isolated
Voltage - Supply (Vcc/Vdd)	8.5V ~ 10V	8.5V ~ 10V	8.5V ~ 10V	8.5V ~ 10V
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Supplier Device Package	SOT-223 (TO-261)	7-PDIP	7-PDIP, Gullwing	7-PDIP
Duty Cycle	67%	67%	67%	67%

### NCP1013ST100T3G Datasheet PDF

Download NCP1013ST100T3G pdf datasheets and onsemi documentation for NCP1013ST100T3G - onsemi.

#### Datasheets

[NCP1010-14.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)



















[Material Declaration NCP1013ST100T3G.pdf](#)

#### HTML Datasheet

[NCP1010-14.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>NCP1014AP100G</b> onsemi IC OFFLINE SWITCH FLYBACK 7DIP	<b>NCP1014APL065R2G</b> onsemi IC OFFLINE SWITCH FLYBACK 7DIPGW	<b>NCP1014AP065G</b> onsemi IC OFFLINE SWITCH FLYBACK 7DIP	<b>NCP1013AP100G</b> onsemi IC OFFLINE SWITCH FLYBACK 7DIP	<b>NCP1013ST130T3G</b> onsemi IC OFFLINE SWITCH FLYBACK SOT223	<b>NCP1014AP10</b> AMI Semiconductor/onsemi
					
<b>NCP1012ST130T3G</b> onsemi IC OFFLINE SWITCH FLYBACK SOT223	<b>NCP1013AP133G</b> onsemi IC OFFLINE SWITCH FLYBACK 7DIP	<b>NCP1012APL065R2G</b> onsemi IC OFFLINE SWITCH FLYBACK 7DIPGW	<b>NCP1012AP100G</b> onsemi IC OFFLINE SWITCH FLYBACK 7DIP	<b>NCP1012AP133G</b> onsemi IC OFFLINE SWITCH FLYBACK 7DIP	<b>NCP1013ST65T3G</b> onsemi IC OFFLINE SWITCH FLYBACK SOT223
					
<b>NCP1012ST100T3G</b> onsemi IC OFFLINE SWITCH FLYBACK SOT223	<b>NCP1014ST100T3G</b> onsemi IC OFFLINE SWITCH FLYBACK SOT223	<b>NCP1012AP065G</b> onsemi IC OFFLINE SWITCH FLYBACK 7DIP	<b>NCP1011ST65T3G</b> onsemi IC OFFLINE SWITCH FLYBACK SOT223	<b>NCP1014ST65T3G</b> onsemi IC OFFLINE SWITCH FLYBACK SOT223	<b>NCP1012ST65T3G</b> onsemi IC OFFLINE SWITCH FLYBACK SOT223

## 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

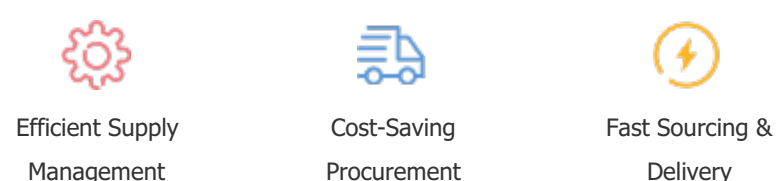
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### 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 -



Contact us if you have any questions.



### Certifications & Memberships



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