

Image may be representation.
See specifications for product details.



NCP1010ST100T3G

Manufacturer Part Number	NCP1010ST100T3G
Manufacturer	onsemi
Allelco Part Number	32D-NCP1010ST100T3G
ECAD Model	Request Free CAD Models
Parts Description	IC OFFLINE SWITCH FLYBACK SOT223
Package	TO-261-4, TO-261AA
Data sheet	Cylindrical Battery Holders.pdf NCP1010-14.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCP1010ST100T3G - onsemi.New Original in Stock. Download Linear Technology NCP1010ST100T3G datasheet/specifications on AllelcoElec.com.
Request a quote for NCP1010ST100T3G, please send us email: info@allelco.com

Specifications

NCP1010ST100T3G Tech Specifications
NCP1010ST100T3G - 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	NCP1010

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP1010ST100T3G

Product Attribute				
Part Number	NCP1010ST100T3G	NCP1010ST65T3G	NCP1011AP065G	NCP1010AP065G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Control Features	-	-	-	-
Internal Switch(s)	Yes	Yes	Yes	Yes
Topology	Flyback	Flyback	Flyback	Flyback
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Frequency - Switching	100kHz	65kHz	65kHz	65kHz
Supplier Device Package	SOT-223 (TO-261)	SOT-223 (TO-261)	7-PDIP	7-PDIP
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
Base Product Number	NCP1010	NCP1010	NCP1011	NCP1010
Duty Cycle	67%	67%	67%	67%
Voltage - Breakdown	700V	700V	700V	700V
Output Isolation	Isolated	Isolated	Isolated	Isolated
Series	-	-	-	-
Package / Case	TO-261-4, TO-261AA	TO-261-4, TO-261AA	8-DIP (0.300", 7.62mm), 7 Leads	8-DIP (0.300", 7.62mm), 7 Leads
Power (Watts)	19 W	19 W	19 W	19 W
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tube
Mounting Type	Surface Mount	Surface Mount	Through Hole	Through Hole
Voltage - Supply (Vcc/Vdd)	8.5V ~ 10V	8.5V ~ 10V	8.5V ~ 10V	8.5V ~ 10V

NCP1010ST100T3G Datasheet PDF

Download NCP1010ST100T3G pdf datasheets and onsemi documentation for NCP1010ST100T3G - onsemi.

Datasheets

Cylindrical Battery Holders.pdf

Environmental Information

onsemi RoHS.pdf

Material Declaration NCP1010ST100T3G.pdf

PCN Packaging

2.73KHz.pdf

HTML Datasheet

Customers Also Interested in

Recommended Products

					
NCP1010ST65T3G	NCP1011AP065G	NCP1010AP065G	NCP1011ST130T3G	NCP1010AP100G	NCP1010ST130T3G
onsemi IC OFFLINE SWITCH FLYBACK SOT223	onsemi IC OFFLINE SWITCH FLYBACK 7DIP	onsemi IC OFFLINE SWITCH FLYBACK 7DIP	onsemi IC OFFLINE SWITCH FLYBACK SOT223	onsemi IC OFFLINE SWITCH FLYBACK 7DIP	onsemi IC OFFLINE SWITCH FLYBACK SOT223
					
NCP100SNT1	NCP1011ST100T3G	NCP1000P	NCP1011APL065R2G	NCP1011AP100G	NCP1000T
onsemi IC VREF SHUNT ADJ 1.7% 5TSOP	onsemi IC OFFLINE SWITCH FLYBACK SOT223	onsemi IC OFFLINE SWITCH MULT TOP 8DIP	onsemi IC OFFLINE SWITCH FLYBACK 7DIPGW	onsemi IC OFFLINE SWITCH FLYBACK 7DIP	onsemi IC REG LIN SWITCHING VOLT MODE
					
NCP1012AP065G	NCP100SNT1G	NCP1011ST65T3G	NCP1002P	NCP1002PG	NCP1001P
onsemi IC OFFLINE SWITCH FLYBACK 7DIP	onsemi IC VREF SHUNT ADJ 1.7% 5TSOP	onsemi IC OFFLINE SWITCH FLYBACK SOT223	onsemi IC OFFLINE SWITCH MULT TOP 8DIP	onsemi IC OFFLINE SWITCH MULT TOP 8DIP	onsemi IC OFFLINE SWITCH MULT TOP 8DIP

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.

	
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Certifications & Memberships



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