

Image may be representation.
See specifications for product details.



NCP1054ST100T3G

Manufacturer Part Number	NCP1054ST100T3G
Manufacturer	onsemi
Allelco Part Number	32D-NCP1054ST100T3G
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
	NCP1050-1055.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCP1054ST100T3G - onsemi.New Original in Stock. Download Linear Technology NCP1054ST100T3G datasheet/specifications on AllelcoElec.com.
Request a quote for NCP1054ST100T3G, please send us email: info@allelco.com

Specifications

NCP1054ST100T3G Tech Specifications
NCP1054ST100T3G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Isolation	Isolated
Voltage - Supply (Vcc/Vdd)	7.5V ~ 10V	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Start Up	8.5 V	Mounting Type	Surface Mount
Voltage - Breakdown	700V	Internal Switch(s)	Yes
Topology	Flyback	Frequency - Switching	100kHz
Supplier Device Package	SOT-223 (TO-261)	Fault Protection	Current Limiting, Open Loop, Over Load, Over Temperature
Series	-	Duty Cycle	77%
Power (Watts)	40 W	Control Features	-
Package / Case	TO-261-4, TO-261AA	Base Product Number	NCP1054
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP1054ST100T3G

Product Attribute				
Part Number	NCP1054ST100T3G	NCP1054ST136T3G	NCP1053ST136T3G	NCP1055ST100T3
Manufacturer	onsemi	onsemi	onsemi	onsemi
Power (Watts)	40 W	40 W	40 W	40 W
Internal Switch(s)	Yes	Yes	Yes	Yes
Voltage - Start Up	8.5 V	8.5 V	8.5 V	8.5 V
Voltage - Breakdown	700V	700V	700V	700V
Base Product Number	NCP1054	NCP1054	NCP1053	NCP1055
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Duty Cycle	77%	77%	77%	77%
Supplier Device Package	SOT-223 (TO-261)	SOT-223 (TO-261)	SOT-223 (TO-261)	SOT-223 (TO-261)
Frequency - Switching	100kHz	136kHz	136kHz	100kHz
Control Features	-	-	-	-
Series	-	-	-	-
Package / Case	TO-261-4, TO-261AA	TO-261-4, TO-261AA	TO-261-4, TO-261AA	TO-261-4, TO-261AA
Fault Protection	Current Limiting, Open Loop, Over Load, Over Temperature	Current Limiting, Open Loop, Over Load, Over Temperature	Current Limiting, Open Loop, Over Load, Over Temperature	Current Limiting, Open Loop, Over Load, Over Temperature
Voltage - Supply (Vcc/Vdd)	7.5V ~ 10V	7.5V ~ 10V	7.5V ~ 10V	7.5V ~ 10V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Isolation	Isolated	Isolated	Isolated	Isolated
Topology	Flyback	Flyback	Flyback	Flyback
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)

NCP1054ST100T3G Datasheet PDF

Download NCP1054ST100T3G pdf datasheets and onsemi documentation for NCP1054ST100T3G - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

[Material Declaration NCP1054ST100T3G.pdf](#)

PCN Packaging

2.73KHz.pdf

PCN Obsolescence/ EOL



















Cylindrical Battery Holders.pdf

HTML Datasheet

NCP1050-1055.pdf

Customers Also Interested in

Recommended Products

 NCP1054ST136T3G onsemi IC OFFLINE SWITCH FLYBACK SOT223	 NCP1053ST136T3G onsemi IC OFFLINE SWITCH FLYBACK SOT223	 NCP1053C AMI Semiconductor/onsemi	 NCP1055ST100T3 onsemi IC OFFLINE SWITCH FLYBACK SOT223	 NCP1060AD060R2G onsemi IC OFFLINE SW MULT TOP 10SOIC	 NCP1054A AMI Semiconductor/onsemi
 NCP1052P100 onsemi IC OFFLINE SWITCH FLYBACK 7DIP	 NCP1052ST136T3G onsemi IC OFFLINE SWITCH FLYBACK SOT223	 NCP1052ST44T3G onsemi IC OFFLINE SWITCH FLYBACK SOT223	 NCP1053ST100T3G onsemi IC OFFLINE SWITCH FLYBACK SOT223	 NCP1053ST44T3G onsemi IC OFFLINE SWITCH FLYBACK SOT223	 NCP1054B AMI Semiconductor/onsemi
 NCP1054ST44T3G onsemi IC OFFLINE SWITCH FLYBACK SOT223	 NCP1053A AMI Semiconductor/onsemi	 NCP1055P100G onsemi IC OFFLINE SWITCH FLYBACK 7DIP	 NCP1055ST100T3G onsemi IC OFFLINE SWITCH FLYBACK SOT223	 NCP1060BD060R2G onsemi IC OFFLINE SW MULT TOP 10SOIC	 NCP1060BD100R2G onsemi IC OFFLINE SW MULT TOP 10SOIC

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



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