

Image may be representation.
See specifications for product details.



NCP1075STBT3G

Manufacturer Part Number	NCP1075STBT3G
Manufacturer	onsemi
Allelco Part Number	32D-NCP1075STBT3G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OFFLINE SWITCH FLYBACK SOT223
Package	TO-261-4, TO-261AA
Data sheet	NCP1070-72,75-77.pdf NCP1070-72,75-77.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCP1075STBT3G - onsemi.New Original in Stock. Download Linear Technology NCP1075STBT3G datasheet/specifications on AllelcoElec.com.
Request a quote for NCP1075STBT3G, please send us email: info@allelco.com

Specifications

NCP1075STBT3G Tech Specifications

NCP1075STBT3G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Isolation	Isolated
Voltage - Supply (Vcc/Vdd)	6.3V ~ 10V	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Start Up	8.2 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, Over Load, Over Temperature, Over Voltage, Short Circuit
Series	-	Duty Cycle	68%
Power (Watts)	19 W	Control Features	-
Package / Case	TO-261-4, TO-261AA	Base Product Number	NCP1075
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP1075STBT3G

Product Attribute				
Part Number	NCP1075STBT3G	NCP1079BBP100G	NCP1076ABP100G	NCP10671BD100R2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Voltage - Supply (Vcc/Vdd)	6.3V ~ 10V	6.5V ~ 20V	6.5V ~ 20V	6.7V ~ 20V
Output Isolation	Isolated	Isolated	Isolated	Either
Topology	Flyback	Flyback	Flyback	Buck, Buck-Boost, Flyback
Supplier Device Package	SOT-223 (TO-261)	8-PDIP	7-PDIP	8-SOIC
Package / Case	TO-261-4, TO-261AA	8-DIP (0.300", 7.62mm), 7 Leads	8-DIP (0.300", 7.62mm), 7 Leads	8-SOIC (0.154", 3.90mm Width), 7 Leads
Internal Switch(s)	Yes	Yes	Yes	Yes
Duty Cycle	68%	68%	68%	66%
Voltage - Start Up	8.2 V	8.4 V	8.4 V	9 V
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	150°C (TJ)
Power (Watts)	19 W	41 W	31 W	-
Control Features	-	-	-	Soft Start
Series	-	-	-	-
Fault Protection	Current Limiting, Over Load, Over Temperature, Over Voltage, Short Circuit	Current Limiting, Over Power, Over Temperature, Over Voltage, Short Circuit	Current Limiting, Over Power, Over Temperature, Over Voltage, Short Circuit	Current Limiting, Over Load, Over Voltage, Short Circuit
Frequency - Switching	100kHz	100kHz	100kHz	100kHz
Base Product Number	NCP1075	NCP1079	NCP1076	NCP10671
Package	Tape & Reel (TR)	Tube	Tube	Tape & Reel (TR)
Mounting Type	Surface Mount	Through Hole	Through Hole	Surface Mount
Voltage - Breakdown	700V	700V	700V	700V

NCP1075STBT3G Datasheet PDF

Download NCP1075STBT3G pdf datasheets and onsemi documentation for NCP1075STBT3G - onsemi.

Datasheets

[NCP1070-72,75-77.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

[Material Declaration NCP1075STBT3G.pdf](#)





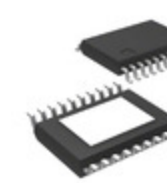













PCN Packaging

HTML Datasheet

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

 NCP1079BBP100G onsemi IC OFFLINE SWITCH FLYBACK 8DIP	 NCP1076ABP100G onsemi IC OFFLINE SWITCH FLYBACK 7DIP	 NCP10671BD100R2G onsemi IC OFFLINE SWITCH MULT TOP 8SOIC	 NCP1070STCT3G onsemi IC OFFLINE SWITCH FLYBACK SOT223	 NCP1081DER2G onsemi IC POE CNTRL 1 CHANNEL 20TSSOP	 NCP10672BD060R2G onsemi IC OFFLINE SWITCH MULT TOP 8SOIC
 NCP1075P100G onsemi IC OFFLINE SWITCH FLYBACK 7DIP	 NCP1077P065G onsemi IC OFFLINE SWITCH FLYBACK 7DIP	 NCP1072STBT3G onsemi IC OFFLINE SWITCH FLYBACK SOT223	 NCP1075STAT3G onsemi IC OFFLINE SWITCH FLYBACK SOT223	 NCP1063AP100G onsemi IC OFFLINE SWITCH MULT TOP 7DIP	 NCP1079AAP100G onsemi IC OFFLINE SWITCH FLYBACK 7DIP
 NCP1071STAT3G onsemi IC OFFLINE SWITCH FLYBACK SOT223	 NCP1076P065G onsemi IC OFFLINE SWITCH FLYBACK 7DIP	 NCP1075P065G onsemi IC OFFLINE SWITCH FLYBACK 7DIP	 NCP1076AAP100G onsemi IC OFFLINE SWITCH FLYBACK 7DIP	 NCP1076P100G onsemi IC OFFLINE SWITCH FLYBACK 7DIP	 NCP1072P065G onsemi IC OFFLINE SWITCH FLYBACK 7DIP

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.

 Phone +00852 9146 4856	 Email info@allelco.com
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Certifications & Memberships



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