

Image may be representation.
See specifications for product details.



NCP1251BSN65T1G

Manufacturer Part Number	NCP1251BSN65T1G
Manufacturer	onsemi
Allelco Part Number	32D-NCP1251BSN65T1G
ECAD Model	Request Free CAD Models
Parts Description	IC OFFLINE SWITCH FLYBACK 6TSOP
Package	SOT-23-6 Thin, TSOT-23-6
Data sheet	Cylindrical Battery Holders.pdf
	NCP1251.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCP1251BSN65T1G - onsemi.New Original in Stock. Download Linear Technology NCP1251BSN65T1G datasheet/specifications on AllelcoElec.com.
Request a quote for NCP1251BSN65T1G, please send us email: info@allelco.com

Specifications

NCP1251BSN65T1G Tech Specifications
NCP1251BSN65T1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Isolation	Isolated
Voltage - Supply (Vcc/Vdd)	8.8V ~ 28V	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Start Up	18 V	Mounting Type	Surface Mount
Voltage - Breakdown	-	Internal Switch(s)	No
Topology	Flyback	Frequency - Switching	65kHz
Supplier Device Package	6-TSOP	Fault Protection	Over Power, Over Voltage, Short Circuit
Series	-	Duty Cycle	80%
Package / Case	SOT-23-6 Thin, TSOT-23-6	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	NCP1251

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP1251BSN65T1G

Product Attribute				
Part Number	NCP1251BSN65T1G	NCP1251ASN65T1G	NCP1252ADR2G	NCP1252EDR2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Supplier Device Package	6-TSOP	6-TSOP	8-SOIC	8-SOIC
Topology	Flyback	Flyback	Flyback, Forward	Flyback, Forward
Control Features	-	-	Frequency Control, Soft Start	Frequency Control, Soft Start
Voltage - Start Up	18 V	18 V	10 V	14 V
Voltage - Breakdown	-	-	-	-
Fault Protection	Over Power, Over Voltage, Short Circuit	Over Power, Over Voltage, Short Circuit	Current Limiting	Current Limiting
Base Product Number	NCP1251	NCP1251	NCP1252	NCP1252
Output Isolation	Isolated	Isolated	Isolated	Isolated
Duty Cycle	80%	80%	48%	45.6%
Series	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	SOT-23-6 Thin, TSOT-23-6	SOT-23-6 Thin, TSOT-23-6	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Voltage - Supply (Vcc/Vdd)	8.8V ~ 28V	8.8V ~ 28V	9V ~ 28V	9V ~ 28V
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-25°C ~ 125°C (TJ)	-25°C ~ 125°C (TJ)
Frequency - Switching	65kHz	65kHz	Up to 500kHz	Up to 500kHz
Internal Switch(s)	No	No	No	No
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

NCP1251BSN65T1G Datasheet PDF

Download NCP1251BSN65T1G pdf datasheets and onsemi documentation for NCP1251BSN65T1G - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

[Material Declaration NCP1251BSN65T1G.pdf](#)

PCN Packaging

[2.73KHz.pdf](#)





PCN Assembly/Origin

HTML Datasheet

NCP1251.pdf

Customers Also Interested in

Recommended Products

 NCP1251ASN65T1G onsemi IC OFFLINE SWITCH FLYBACK 6TSOP	 NCP1252ADR2G onsemi IC OFFLINE SWITCH MULT TOP 8SOIC	 NCP1252EDR2G onsemi IC OFFLINE SWITCH MULT TOP 8SOIC	 NCP12510DSN65T1G onsemi CURRENT-MODE PWM CONTROLLER FOR	 NCP1252APG onsemi IC OFFLINE SWITCH MULT TOP 8DIP	 NCP1252DDR2G onsemi IC OFFLINE SWITCH MULT TOP 8SOIC
 NCP1252CDR2G onsemi IC OFFLINE SWITCH MULT TOP 8SOIC	 NCP1250BSN65T1G onsemi IC OFFLINE SWITCH FLYBACK 6TSOP	 NCP1247DD065R2G onsemi IC OFFLINE SWITCH FLYBACK 7SOIC	 NCP1252BDR2G onsemi IC OFFLINE SWITCH MULT TOP 8SOIC	 NCP1253ASN65T1G onsemi IC OFFLINE SWITCH FLYBACK 6TSOP	 NCP1251CSN65T1G onsemi NCP1251 OVP AUTOREC 65KHZ
 NCP12510BSN65T1G onsemi IC OFFLINE SWITCH FLYBACK 6TSOP	 NCP1251BSN100T1G onsemi IC OFFLINE SWITCH FLYBACK 6TSOP	 NCP1247DD100R2G onsemi IC OFFLINE SWITCH FLYBACK 7SOIC	 NCP1250ASN65T1G onsemi IC OFFLINE SWITCH FLYBACK 6TSOP	 NCP1251ASN100T1G onsemi IC OFFLINE SWITCH FLYBACK 6TSOP	 NCP1250BSN100T1G 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
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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



View More

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com