

Image may be representation.
See specifications for product details.



NCP1256ESN65T1G

Manufacturer Part Number	NCP1256ESN65T1G
Manufacturer	onsemi
Allelco Part Number	32D-NCP1256ESN65T1G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OFFLINE SWITCH FLYBACK 6TSOP
Package	SOT-23-6 Thin, TSOT-23-6
Data sheet	Cylindrical Battery Holders.pdf
	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCP1256ESN65T1G - onsemi.New Original in Stock. Download Linear Technology NCP1256ESN65T1G datasheet/specifications on AllelcoElec.com.
Request a quote for NCP1256ESN65T1G, please send us email: info@allelco.com

Specifications

NCP1256ESN65T1G Tech Specifications
NCP1256ESN65T1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Isolation	Isolated
Voltage - Supply (Vcc/Vdd)	8.9V ~ 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	NCP1256

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP1256ESN65T1G

Product Attribute				
Part Number	NCP1256ESN65T1G	NCP1280DR2	NCP1253ASN65T1G	NCP1253BSN65T1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Duty Cycle	80%	62%, 80%	80%	80%
Voltage - Start Up	18 V	11 V	18 V	18 V
Output Isolation	Isolated	Isolated	Isolated	Isolated
Series	-	-	-	-
Package / Case	SOT-23-6 Thin, TSOT-23-6	16-SOIC (0.154", 3.90mm Width)	SOT-23-6 Thin, TSOT-23-6	SOT-23-6 Thin, TSOT-23-6
Internal Switch(s)	No	No	No	No
Voltage - Supply (Vcc/Vdd)	8.9V ~ 28V	7V ~ 25V	8.8V ~ 28V	8.8V ~ 28V
Voltage - Breakdown	-	700V	-	-
Fault Protection	Over Power, Over Voltage, Short Circuit	Current Limiting, Over Voltage	Over Voltage, Short Circuit	Current Limiting, Open Loop, Over Voltage, Short Circuit
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Control Features	-	Frequency Control, Soft Start	-	Frequency Control, Soft Start
Frequency - Switching	65kHz	150kHz ~ 300kHz	65kHz	65kHz
Base Product Number	NCP1256	NCP1280	NCP1253	NCP1253
Topology	Flyback	Forward, Secondary Side SR	Flyback	Flyback
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	150°C (TJ)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	6-TSOP	16-SOIC	6-TSOP	6-TSOP

NCP1256ESN65T1G Datasheet PDF

Download NCP1256ESN65T1G pdf datasheets and onsemi documentation for NCP1256ESN65T1G - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

[Material Declaration NCP1256ESN65T1G.pdf](#)

PCN Assembly/Origin








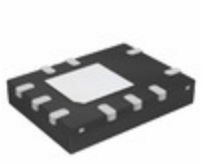










[2.73KHz.pdf](#)

HTML Datasheet

PCN Design/Specification

Customers Also Interested in

Recommended Products

 NCP1280DR2 onsemi IC OFFLINE SW MULT TOP 16SOIC	 NCP1253ASN65T1G onsemi IC OFFLINE SWITCH FLYBACK 6TSOP	 NCP1253BSN65T1G onsemi IC PWM CTRL OCP AUTO	 NCP1271D65R2G onsemi IC OFFLINE SWITCH FLYBACK 7SOIC	 NCP1252EDR2G onsemi IC OFFLINE SWITCH MULT TOP 8SOIC	 NCP1271BDR AMI Semiconductor/onsemi
 NCP12700BDNR2G onsemi IC OFFLINE SWITCH FLYBACK 10MSOP	 NCP12700BMTTXG onsemi IC OFFLINE SWITCH FLYBACK 10WQFN	 NCP1271D100R2G onsemi IC OFFLINE SWITCH FLYBACK 7SOIC	 NCP1271ADR NO PICTURE	 NCP1255AD65R2G onsemi IC OFF-LINE CNTRLR PWM CM 8SOIC	 NCP1254BD65R2G AMI Semiconductor/onsemi
 NCP1252CDR2G onsemi IC OFFLINE SWITCH MULT TOP 8SOIC	 NCP1255BD65R2G onsemi IC OFFLINE SWITCH FLYBACK 8SOIC	 NCP1271ADR2G AMI Semiconductor/onsemi	 NCP1253BSN100T1G onsemi IC OFFLINE SWITCH FLYBACK 6TSOP	 NCP1254BD133R2G AMI Semiconductor/onsemi	 NCP1252DDR2G onsemi IC OFFLINE SWITCH MULT TOP 8SOIC

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



View More

Contact us

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