

Image may be representation.
See specifications for product details.



NCP380HSNAJAAT1G

Manufacturer Part Number **NCP380HSNAJAAT1G**

Manufacturer **onsemi**

Allelco Part Number **32D-NCP380HSNAJAAT1G**

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **IC PWR SWITCH P-CHAN 1:1 6TSOP**

Package **SOT-23-6 Thin, TSOT-23-6**

Data sheet **[Cylindrical Battery Holders.pdf](#)**

[NCP/NCV380.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

NCP380HSNAJAAT1G - onsemi.New Original in Stock. Download Linear Technology NCP380HSNAJAAT1G datasheet/specifications on AllelcoElec.com.
Request a quote for NCP380HSNAJAAT1G, please send us email: info@allelco.com

Specifications

NCP380HSNAJAAT1G Tech Specifications

NCP380HSNAJAAT1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Configuration	High Side
Voltage - Supply (Vcc/Vdd)	Not Required	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - Load	2.5V ~ 5.5V	Number of Outputs	1
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	6-TSOP	Interface	On/Off
Series	-	Input Type	Non-Inverting
Rds On (Typ)	70mOhm	Features	Slew Rate Controlled, Status Flag
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Adjustable), UVLO
Package / Case	SOT-23-6 Thin, TSOT-23-6	Current - Output (Max)	Adjustable
Package	Tape & Reel (TR)	Base Product Number	NCP380
Output Type	P-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP380HSNAJAAT1G

Product Attribute				
Part Number	NCP380HSNAJAAT1G	NCP380LSNAJAAT1G	NCP382HD10AAR2G	NCP380HMUAJAATBG
Manufacturer	onsemi	onsemi	onsemi	onsemi
Features	Slew Rate Controlled, Status Flag	Slew Rate Controlled, Status Flag	Slew Rate Controlled, Status Flag	Slew Rate Controlled, Status Flag
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Output Configuration	High Side	High Side	High Side	High Side
Number of Outputs	1	1	2	1
Package / Case	SOT-23-6 Thin, TSOT-23-6	SOT-23-6 Thin, TSOT-23-6	8-SOIC (0.154", 3.90mm Width)	6-UDFN Exposed Pad
Base Product Number	NCP380	NCP380	NCP382	NCP380
Supplier Device Package	6-TSOP	6-TSOP	8-SOIC	6-UDFN (2x2)
Series	-	-	-	-
Ratio - Input:Output	1:1	1:1	1:2	1:1
Rds On (Typ)	70mOhm	70mOhm	80mOhm	55mOhm
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Voltage - Load	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V
Fault Protection	Current Limiting (Adjustable), UVLO	Current Limiting (Adjustable), UVLO	Current Limiting (Fixed), Over Temperature, UVLO	Current Limiting (Adjustable), UVLO
Current - Output (Max)	Adjustable	Adjustable	1A	Adjustable
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Output Type	P-Channel	P-Channel	P-Channel	P-Channel
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Interface	On/Off	On/Off	On/Off	On/Off
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

NCP380HSNAJAAT1G Datasheet PDF

Download NCP380HSNAJAAT1G pdf datasheets and onsemi documentation for NCP380HSNAJAAT1G - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

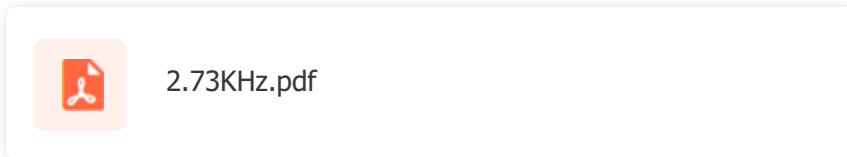
Environmental Information

[onsemi RoHS.pdf](#)

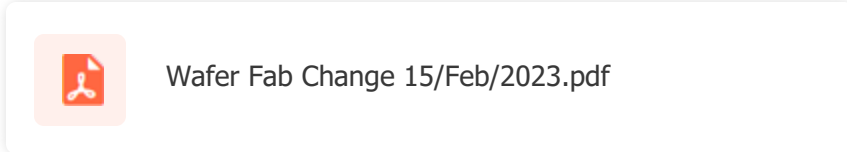
[onsemi REACH.pdf](#)

[Material Declaration NCP380HSNAJAAT1G.pdf](#)

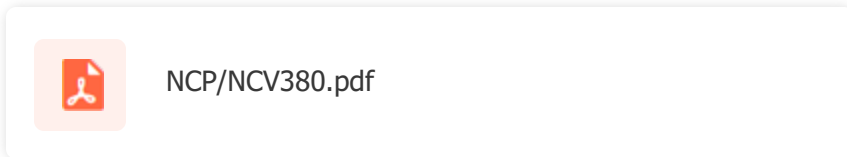
PCN Packaging



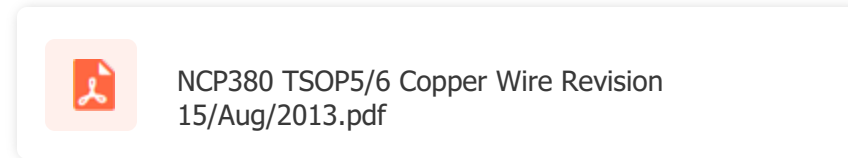
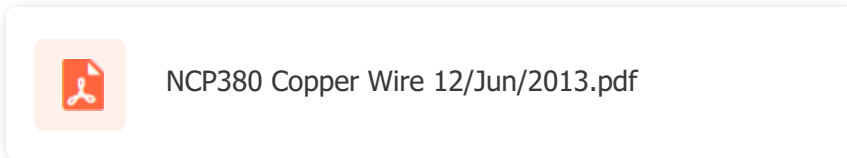
PCN Assembly/Origin



HTML Datasheet



PCN Design/Specification



Customers Also Interested in

Recommended Products

<p>NCP373MU13TXG onsemi IC CTRL OVP POS/NEG 30V 12TLLGA</p>	<p>NCP380LSNAJAAT1G onsemi IC PWR SWITCH P-CHAN 1:1 6TSOP</p>	<p>NCP382HD10AAR2G onsemi IC PWR SWITCH P-CHAN 1:2 8SOIC</p>	<p>NCP380HMUAJAATBG onsemi IC PWR SWITCH P-CHAN 1:1 6UDFN</p>	<p>NCP380LMU05AATBG onsemi IC PWR SWITCH P-CHAN 1:1 6UDFN</p>	<p>NCP373MU04TXG onsemi IC CTRL OVP POS & NEG 12-LLGA</p>
<p>NCP380LMU10AATBG onsemi IC CURRENT LIMIT SWITCH 6-UDFN</p>	<p>NCP380LSN05AAT1G onsemi IC PWR SWITCH P-CHAN 1:1 5TSOP</p>	<p>NCP380HSN05AAT1G onsemi IC PWR SWITCH P-CHAN 1:1 5TSOP</p>	<p>NCP380HMU10AATBG onsemi IC PWR SWITCH P-CHAN 1:1 6UDFN</p>	<p>NCP380LMU15AATBG onsemi IC CURRENT LIMIT SWITCH 6-UDFN</p>	<p>NCP382LD05AAR2G onsemi IC PWR SWITCH P-CHAN 1:2 8SOIC</p>
<p>NCP374MU075TXG onsemi TVS DEVICE MIXED 12TLLGA</p>	<p>NCP380HSN10AAT1G onsemi IC PWR SWITCH P-CHAN 1:1 5TSOP</p>	<p>NCP380HMU15AATBG onsemi IC PWR SWITCH P-CHAN 1:1 6UDFN</p>	<p>NCP380LMU20AATBG onsemi IC PWR SWITCH P-CHAN 1:1 6UDFN</p>	<p>NCP380HMU20AATBG onsemi IC PWR SWITCH P-CHAN 1:1 6UDFN</p>	<p>NCP380LMUAJAATBG onsemi IC PWR SWITCH P-CHAN 1:1 6UDFN</p>

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 Alleco 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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