

Image may be representation.
See specifications for product details.



NCP380LSNAJAAT1G

Manufacturer Part Number **NCP380LSNAJAAT1G**

Manufacturer **onsemi**

Allelco Part Number **32D-NCP380LSNAJAAT1G**

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 **NCP/NCV380.pdf**

NCP/NCV380.pdf

RoHs Status **ROHS3 Compliant**

Get a Quote

NCP380LSNAJAAT1G - onsemi.New Original in Stock. Download Linear Technology NCP380LSNAJAAT1G datasheet/specifications on AllelcoElec.com.
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Specifications

NCP380LSNAJAAT1G Tech Specifications

NCP380LSNAJAAT1G - 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 NCP380LSNAJAAT1G

Product Attribute				
Part Number	NCP380LSNAJAAT1G	NCP382HD10AAR2G	NCP383LMUAJAATXG	NCP380LMUAJAATBG
Manufacturer	onsemi	onsemi	onsemi	onsemi
Package / Case	SOT-23-6 Thin, TSOT-23-6	8-SOIC (0.154", 3.90mm Width)	10-UDFN Exposed Pad	6-UDFN Exposed Pad
Base Product Number	NCP380	NCP382	NCP383	NCP380
Ratio - Input:Output	1:1	1:2	1:2	1:1
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	6-TSOP	8-SOIC	10-UDFN (3x3)	6-UDFN (2x2)
Output Type	P-Channel	P-Channel	N-Channel	P-Channel
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Series	-	-	-	-
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Voltage - Load	2.5V ~ 5.5V	2.5V ~ 5.5V	2.7V ~ 5.5V	2.5V ~ 5.5V
Current - Output (Max)	Adjustable	1A	2.5A	Adjustable
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Fault Protection	Current Limiting (Adjustable), UVLO	Current Limiting (Fixed), Over Temperature, UVLO	Current Limiting (Adjustable), Over Temperature, UVLO	Current Limiting (Adjustable), UVLO
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Interface	On/Off	On/Off	On/Off	On/Off
Number of Outputs	1	2	2	1
Output Configuration	High Side	High Side	High Side	High Side
Features	Slew Rate Controlled, Status Flag	Slew Rate Controlled, Status Flag	Slew Rate Controlled, Status Flag	Slew Rate Controlled, Status Flag
Rds On (Typ)	70mOhm	80mOhm	45mOhm	55mOhm

NCP380LSNAJAAT1G Datasheet PDF

Download NCP380LSNAJAAT1G pdf datasheets and onsemi documentation for NCP380LSNAJAAT1G - onsemi.

Datasheets

NCP/NCV380.pdf


Environmental Information

onsemi REACH.pdf


onsemi RoHS.pdf

Material Declaration NCP380LSNAJAAT1G.pdf

PCN Packaging

 Covering Tape/Material Chg 20/May/2016.pdf


PCN Assembly/Origin

 Wafer Fab Change 15/Feb/2023.pdf

HTML Datasheet


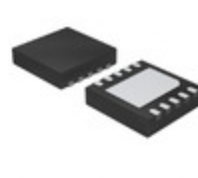


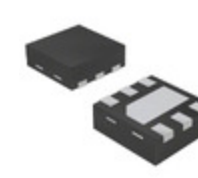
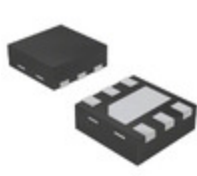

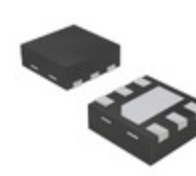
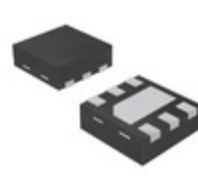



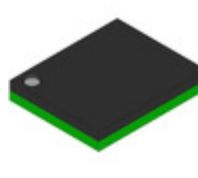
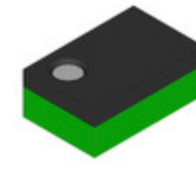



 NCP/NCV380.pdf

PCN Design/Specification

 NCP380 TSOP5/6 Copper Wire Revision 15/Aug/2013.pdf

Customers Also Interested in

Recommended Products

					
NCP382HD10AAR2G	NCP383LMUAJAATXG	NCP380LMUAJAATBG	NCP3901FCCT1G	NCP382LD05AAR2G	NCP380LMU15AATBG
onsemi IC PWR SWITCH P-CHAN 1:2 8SOIC	onsemi IC PWR SWITCH N-CHAN 1:2 10UDFN	onsemi IC PWR SWITCH P-CHAN 1:1 6UDFN	onsemi IC PWR SWITCH N-CHAN 2:1 28WLCSP	onsemi IC PWR SWITCH P-CHAN 1:2 8SOIC	onsemi IC CURRENT LIMIT SWITCH 6-UDFN
					
NCP380LMU20AATBG	NCP382LD10AAR2G	NCP380LMU10AATBG	NCP380LMU05AATBG	NCP380HSNAJAAT1G	NCP380LSN05AAT1G
onsemi IC PWR SWITCH P-CHAN 1:1 6UDFN	onsemi IC PWR SWITCH P-CHAN 1:2 8SOIC	onsemi IC CURRENT LIMIT SWITCH 6-UDFN	onsemi IC PWR SWITCH P-CHAN 1:1 6UDFN	onsemi IC PWR SWITCH P-CHAN 1:1 6TSOP	onsemi IC PWR SWITCH P-CHAN 1:1 5TSOP
					
NCP382HD05AAR2G	NCP3902FCCTBG	NCP391FCALT2G	NCP380HMUAJAATBG	NCP380HSN05AAT1G	NCP380HSN10AAT1G
onsemi IC PWR SWITCH P-CHAN 1:2 8SOIC	onsemi IC PWR SWITCH P-CHAN 2:1 20WLCSP	onsemi IC OVP VOLTAGE CTLR 28V 2A 6CSP	onsemi IC PWR SWITCH P-CHAN 1:1 6UDFN	onsemi IC PWR SWITCH P-CHAN 1:1 5TSOP	onsemi IC PWR SWITCH P-CHAN 1:1 5TSOP

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.


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