



Image may be representation.
See specifications for product details.



NCS2001SN1T1G

Manufacturer Part Number	NCS2001SN1T1G
Manufacturer	onsemi
Allelco Part Number	32D-NCS2001SN1T1G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP GP 1 CIRCUIT 5TSOP
Package	SOT-23-5 Thin, TSOT-23-5
Data sheet	NCS, NCV2001.pdf
RoHs Status	ROHS3 Compliant

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Specifications

NCS2001SN1T1G Tech Specifications

NCS2001SN1T1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-40°C ~ 105°C
Voltage - Supply Span (Min)	0.9 V	Number of Circuits	1
Voltage - Supply Span (Max)	7 V	Mounting Type	Surface Mount
Voltage - Input Offset	500 µV	Gain Bandwidth Product	1.4 MHz
Supplier Device Package	5-TSOP	Current - Supply	820µA
Slew Rate	1.6V/µs	Current - Output / Channel	96 mA
Series	-	Current - Input Bias	10 pA
Package / Case	SOT-23-5 Thin, TSOT-23-5	Base Product Number	NCS2001
Package	Tape & Reel (TR)	Amplifier Type	General Purpose
Output Type	Rail-to-Rail		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCS2001SN1T1G

Product Attribute				
Part Number	NCS2001SN1T1G	NCS2002SN2T1G	NCS20032DTBR2G	NCS2001SN1T1
Manufacturer	onsemi	onsemi	onsemi	onsemi
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 125°C	-40°C ~ 105°C
Voltage - Input Offset	500 µV	500 µV	500 µV	500 µV
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	NCS2001	NCS2002	NCS20032	NCS2001
Supplier Device Package	5-TSOP	6-TSOP	8-TSSOP	5-TSOP
Voltage - Supply Span (Min)	0.9 V	0.9 V	1.7 V	0.9 V
Current - Input Bias	10 pA	10 pA	1 pA	10 pA
Package / Case	SOT-23-5 Thin, TSOT-23-5	SOT-23-6 Thin, TSOT-23-6	8-TSSOP (0.173", 4.40mm Width)	SOT-23-5 Thin, TSOT-23-5
Series	-	-	-	-
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Number of Circuits	1	1	2	1
Current - Supply	820µA	820µA	275µA (x2 Channels)	820µA
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Gain Bandwidth Product	1.4 MHz	900 kHz	7 MHz	1.4 MHz
Current - Output / Channel	96 mA	128 mA	96 mA	96 mA
Slew Rate	1.6V/µs	1.3V/µs	8V/µs	1.6V/µs
Voltage - Supply Span (Max)	7 V	7 V	5.5 V	7 V

NCS2001SN1T1G Datasheet PDF

Download NCS2001SN1T1G pdf datasheets and onsemi documentation for NCS2001SN1T1G - onsemi.

Datasheets

[NCS, NCV2001.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)


















[onsemi RoHS.pdf](#)

PCN Assembly/Origin

[Wafer Fab 29/Sep/2022.pdf](#)

Customers Also Interested in

Recommended Products

 NCS2002SN2T1G onsemi IC OPAMP GP 1 CIRCUIT 6TSOP	 NCS2-232+ Mini-Circuits 1:2 LTCC TRANSFORMER, 900 - 2300	 NCS20032DTBR2G onsemi IC OPAMP GP 2 CIRCUIT 8TSSOP	 NCS1S2405SC Murata Power Solutions Inc. DC DC CONVERTER 5V 1W	 NCS2-771+ Mini-Circuits 1:2 LTCC TRANSFORMER, 240 - 770	 NCS2001SN1T1 onsemi IC OPAMP GP 1 CIRCUIT 5TSOP
 NCS2002SN1T1 onsemi IC OPAMP GP 1 CIRCUIT 6TSOP	 NCS20034DR2G onsemi IC OPAMP GP 4 CIRCUIT 14SOIC	 NCS2-33+ Mini-Circuits 1:2 LTCC TRANSFORMER, 1500 - 310	 NCS2001SQ1T2G onsemi IC OPAMP GP 1 CIRCUIT SC88A	 NCS2001SQ2T2G onsemi IC OPAMP GP 1 CIRCUIT SC88A	 NCS2002SN1T1G onsemi IC OPAMP GP 1 CIRCUIT 6TSOP
 NCS199A3SQT2G onsemi IC CURRENT SENSE 1 CIRCUIT SC88	 NCS1S1205SC Murata Power Solutions Inc. DC DC CONVERTER 5V 1W	 NCS2001SN2T1G onsemi IC OPAMP GP 1 CIRCUIT 5TSOP	 NCS2-83+ Mini-Circuits 1:2 LTCC TRANSFORMER, 3000 - 800	 NCS2-392+ Mini-Circuits 1:2 LTCC TRANSFORMER, 3000 - 390	 NCS20032DR2G onsemi IC OPAMP GP 2 CIRCUIT 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

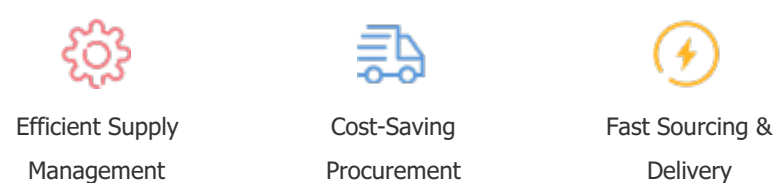
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

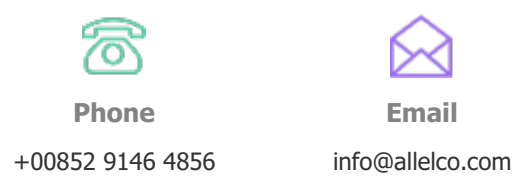
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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Contact us if you have any questions.



Certifications & Memberships



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