



Image may be representation.  
See specifications for product details.



## NCS2003SN2T1G

Manufacturer Part Number	<b>NCS2003SN2T1G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NCS2003SN2T1G
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	<b>NC(S,V)2003(x).pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

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### Specifications

NCS2003SN2T1G Tech Specifications

NCS2003SN2T1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-40°C ~ 85°C
Voltage - Supply Span (Min)	1.7 V	Number of Circuits	1
Voltage - Supply Span (Max)	5.5 V	Mounting Type	Surface Mount
Voltage - Input Offset	500 µV	Gain Bandwidth Product	7 MHz
Supplier Device Package	5-TSOP	Current - Supply	300µA
Slew Rate	14V/µs	Current - Output / Channel	96 mA
Series	-	Current - Input Bias	1 pA
Package / Case	SOT-23-5 Thin, TSOT-23-5	Base Product Number	NCS2003
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 NCS2003SN2T1G

Product Attribute				
Part Number	NCS2003SN2T1G	<b>NCS20062DMR2G</b>	<b>NCS2002SN1T1G</b>	<b>NCS20034DR2G</b>
Manufacturer	onsemi	onsemi	onsemi	onsemi
Gain Bandwidth Product	7 MHz	3 MHz	900 kHz	7 MHz
Voltage - Supply Span (Max)	5.5 V	5.5 V	7 V	5.5 V
Base Product Number	NCS2003	NCS20062	NCS2002	NCS20034
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Slew Rate	14V/µs	1.2V/µs	1.3V/µs	8V/µs
Current - Output / Channel	96 mA	19 mA	128 mA	8 mA
Supplier Device Package	5-TSOP	8-MSOP	6-TSOP	14-SOIC
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Package / Case	SOT-23-5 Thin, TSOT-23-5	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	SOT-23-6 Thin, TSOT-23-6	14-SOIC (0.154", 3.90mm Width)
Current - Supply	300µA	140µA (x2 Channels)	820µA	275µA (x4 Channels)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	-	-	-
Operating Temperature	-40°C ~ 85°C	-40°C ~ 125°C (TA)	-40°C ~ 105°C	-
Current - Input Bias	1 pA	1 pA	10 pA	1 pA
Voltage - Input Offset	500 µV	500 µV	500 µV	500 µV
Number of Circuits	1	2	1	4
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Voltage - Supply Span (Min)	1.7 V	1.8 V	0.9 V	1.7 V

### NCS2003SN2T1G Datasheet PDF

Download NCS2003SN2T1G pdf datasheets and onsemi documentation for NCS2003SN2T1G - onsemi.

#### Datasheets

[NC\(S,V\)2003\(x\).pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

#### PCN Packaging

[Covering Tape/Material Chg 20/May/2016.pdf](#)

 Mult Devices 05/Feb/2019.pdf

## Customers Also Interested in

### Recommended Products

					
<b>NCS20062DMR2G</b> onsemi IC OPAMP GP 2 CIRCUIT 8MSOP	<b>NCS2002SN1T1G</b> onsemi IC OPAMP GP 1 CIRCUIT 6TSOP	<b>NCS20034DR2G</b> onsemi IC OPAMP GP 4 CIRCUIT 14SOIC	<b>NCS2005SN1T1G</b> onsemi IC OPAMP GP 1 CIRCUIT 5TSOP	<b>NCS2003XV53T2G</b> onsemi IC OPAMP GP 1 CIRCUIT SOT553	<b>NCS20062DR2G</b> onsemi IC OPAMP GP 2 CIRCUIT 8SOIC
					
<b>NCS20061SN2T1G</b> onsemi IC OPAMP GP 1 CIRCUIT 5TSOP	<b>NCS20032DR2G</b> onsemi IC OPAMP GP 2 CIRCUIT 8SOIC	<b>NCS2003ASN2T1G</b> onsemi IC OPAMP GP 1 CIRCUIT 5TSOP	<b>NCS2002SN1T1</b> onsemi IC OPAMP GP 1 CIRCUIT 6TSOP	<b>NCS20061SN3T1G</b> onsemi IC OPAMP GP 1 CIRCUIT 5TSOP	<b>NCS20071SN2T1G</b> onsemi IC OPAMP GP 1 CIRCUIT 5TSOP
					
<b>NCS2001SQ2T2G</b> onsemi IC OPAMP GP 1 CIRCUIT SC88A	<b>NCS2001SQ1T2G</b> onsemi IC OPAMP GP 1 CIRCUIT SC88A	<b>NCS2002SN2T1G</b> onsemi IC OPAMP GP 1 CIRCUIT 6TSOP	<b>NCS20064DR2G</b> onsemi IC OPAMP GP 4 CIRCUIT 14SOIC	<b>NCS2001SN2T1G</b> onsemi IC OPAMP GP 1 CIRCUIT 5TSOP	<b>NCS20032DTBR2G</b> onsemi IC OPAMP GP 2 CIRCUIT 8TSSOP

## 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 -

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Contact us if you have any questions.

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### Certifications & Memberships



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### Contact us

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