



Image may be representation.  
See specifications for product details.



## NC7SP05P5X

Manufacturer Part Number	<b>NC7SP05P5X</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NC7SP05P5X
ECAD Model	Request Free CAD Models
Parts Description	IC INVERTER OD 1CH 1-INP SC70-5
Package	5-TSSOP, SC-70-5, SOT-353
Data sheet	<b>NC7SP05.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

NC7SP05P5X - onsemi.New Original in Stock. Download Linear Technology NC7SP05P5X datasheet/specifications on AllelcoElec.com.  
Request a quote for NC7SP05P5X, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

NC7SP05P5X Tech Specifications  
NC7SP05P5X - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Mounting Type	Surface Mount
Voltage - Supply	0.9V ~ 3.6V	Max Propagation Delay @ V, Max CL	10ns @ 3.3V, 30pF
Supplier Device Package	SC-70-5	Logic Type	Inverter
Series	7SP	Input Logic Level - Low	0.7V ~ 0.9V
Package / Case	5-TSSOP, SC-70-5, SOT-353	Input Logic Level - High	1.6V ~ 2.1V
Package	Tape & Reel (TR)	Features	Open Drain
Operating Temperature	-40°C ~ 85°C	Current - Quiescent (Max)	900 nA
Number of Inputs	1	Current - Output High, Low	-, 2.6mA
Number of Circuits	1	Base Product Number	7SP05

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NC7SP05P5X

Product Attribute				
Part Number	NC7SP05P5X	NC7SP08P5X	NC7SP08L6X	NC7SP04P5X
Manufacturer	onsemi	Fairchild Semiconductor	onsemi	onsemi
Features	Open Drain	-	-	-
Current - Quiescent (Max)	900 nA	-	900 nA	900 nA
Mounting Type	Surface Mount	-	Surface Mount	Surface Mount
Series	7SP	*	7SP	7SP
Input Logic Level - Low	0.7V ~ 0.9V	-	0.7V ~ 0.9V	0.7V ~ 0.9V
Max Propagation Delay @ V, Max CL	10ns @ 3.3V, 30pF	-	9.2ns @ 3.3V, 30pF	9.2ns @ 3.3V, 30pF
Package	Tape & Reel (TR)	Bulk	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	5-TSSOP, SC-70-5, SOT-353	-	6-UFDN	5-TSSOP, SC-70-5, SOT-353
Input Logic Level - High	1.6V ~ 2.1V	-	1.6V ~ 2.1V	1.6V ~ 2.1V
Operating Temperature	-40°C ~ 85°C	-	-40°C ~ 85°C	-40°C ~ 85°C
Number of Inputs	1	-	2	1
Current - Output High, Low	-, 2.6mA	-	2.6mA, 2.6mA	2.6mA, 2.6mA
Voltage - Supply	0.9V ~ 3.6V	-	0.9V ~ 3.6V	0.9V ~ 3.6V
Logic Type	Inverter	-	AND Gate	Inverter
Base Product Number	7SP05	7SP08	7SP08	7SP04
Supplier Device Package	SC-70-5	-	6-MicroPak	SC-70-5
Number of Circuits	1	-	1	1

### NC7SP05P5X Datasheet PDF

Download NC7SP05P5X pdf datasheets and onsemi documentation for NC7SP05P5X - onsemi.

#### Datasheets

[NC7SP05.pdf](#)

#### Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

[Material Declaration NC7SP05P5X.pdf](#)

#### PCN Packaging

[Mult Devices 24/Oct/2017.pdf](#)

[Binary Year Code Marking 15/Jan/2014.pdf](#)

#### PCN Other

2.73KHz.pdf

### PCN Obsolescence/ EOL

Cylindrical Battery Holders.pdf

### PCN Design/Specification

Standard Marking Lay-out 10/Oct/2022.pdf

### PCN Assembly/Origin

2.73KHz.pdf

## Customers Also Interested in

### Recommended Products



**NC7SP08P5X**

Fairchild Semiconductor  
AND GATE, P SERIES, 1-FUNC, 2-IN



**NC7SP08L6X**

onsemi  
IC GATE AND 1CH 2-INP 6MICROPAK



**NC7SP04P5X**

onsemi  
IC INVERTER 1CH 1-INP SC70-5



**NC7SP125L6X**

onsemi  
IC BUF NON-INVERT 3.6V 6MICROPAK



**NC7SP125P5X**

Fairchild Semiconductor  
IC BUFFER NON-INVERT 3.6V SC70-5



**NC7SP125P5X**

onsemi  
IC BUF NON-INVERT 3.6V SC70-5



**NC7SP00L6X**

onsemi  
IC GATE NAND 1CH 2-INP 6MICROPAK



**NC7SP04P5X**

Fairchild Semiconductor  
INVERTER, P SERIES, 1-FUNC, 1-IN



**NC7SP00P5X**

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IC GATE NAND 1CH 2-INP SC70-5



**NC7SP08FHX**

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IC GATE AND 1CH 2-INP 6MICROPAK2



**NC7SP00L6X**

Fairchild Semiconductor  
NAND GATE, HC/UH SERIES, 1-FUNC,



**NC7SP05L6X**

onsemi  
IC INVERT OD 1CH 1-INP 6MICROPAK



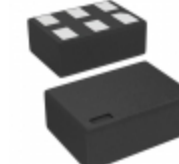
**NC7SP125L6X**

Fairchild Semiconductor  
IC BUF NON-INVERT 3.6V 6MICROPAK



**NC7SP05L6X**

Fairchild Semiconductor  
IC INVERT OD 1CH 1-INP 6MICROPAK



**NC7SP04L6X**

onsemi  
IC INVERTER 1CH 1-INP 6MICROPAK



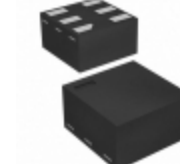
**NC7SP02P5X**

onsemi  
IC GATE NOR 1CH 2-INP SC70-5



**NC7SP08P5X**

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IC GATE AND 1CH 2-INP SC70-5



**NC7SP08FHX**

Fairchild Semiconductor  
IC GATE AND 1CH 2-INP 6MICROPAK2

## 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

Contact us if you have any questions.



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Email

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### Certifications & Memberships



View More

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