

Image may be representation.  
See specifications for product details.



## NL17SG08DFT2G

Manufacturer Part Number	<b>NL17SG08DFT2G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NL17SG08DFT2G
ECAD Model	Request Free CAD Models
Parts Description	IC GATE AND 1CH 2-INP SC88A
Package	5-TSSOP, SC-70-5, SOT-353
Data sheet	<b>NL17SG08.pdf</b>
	<b>NL17SG08.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

NL17SG08DFT2G - onsemi.New Original in Stock. Download Linear Technology NL17SG08DFT2G datasheet/specifications on AllelcoElec.com.  
Request a quote for NL17SG08DFT2G, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

NL17SG08DFT2G Tech Specifications

NL17SG08DFT2G - 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	4.9ns @ 3.3V, 30pF
Supplier Device Package	SC-88A (SC-70-5/SOT-353)	Logic Type	AND Gate
Series	MiniGate™	Input Logic Level - Low	0.7V ~ 0.8V
Package / Case	5-TSSOP, SC-70-5, SOT-353	Input Logic Level - High	1.7V ~ 2V
Package	Tape & Reel (TR)	Features	-
Operating Temperature	-55°C ~ 125°C	Current - Quiescent (Max)	500 nA
Number of Inputs	2	Current - Output High, Low	8mA, 8mA
Number of Circuits	1	Base Product Number	17SG08

## Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NL17SG08DFT2G

Product Attribute				
Part Number	NL17SG08DFT2G	NL17SG00DFT2G	NL17SG14DFT2G	NL17SG32P5T5G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Current - Quiescent (Max)	500 nA	500 nA	500 nA	500 nA
Base Product Number	17SG08	17SG00	17SG14	17SG32
Logic Type	AND Gate	NAND Gate	Inverter	OR Gate
Input Logic Level - Low	0.7V ~ 0.8V	0.7V ~ 0.8V	0.09V ~ 0.95V	0.7V ~ 0.8V
Number of Circuits	1	1	1	1
Supplier Device Package	SC-88A (SC-70-5/SOT-353)	SC-88A (SC-70-5/SOT-353)	SC-88A (SC-70-5/SOT-353)	SOT-953
Features	-	-	Schmitt Trigger	-
Series	MiniGate™	MiniGate™	MiniGate™	MiniGate™
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C
Package / Case	5-TSSOP, SC-70-5, SOT-353	5-TSSOP, SC-70-5, SOT-353	5-TSSOP, SC-70-5, SOT-353	SOT-953
Voltage - Supply	0.9V ~ 3.6V	0.9V ~ 3.6V	0.9V ~ 3.6V	0.9V ~ 3.6V
Current - Output High, Low	8mA, 8mA	8mA, 8mA	8mA, 8mA	8mA, 8mA
Max Propagation Delay @ V, Max CL	4.9ns @ 3.3V, 30pF	4.9ns @ 3.3V, 30pF	5.2ns @ 3.3V, 30pF	4.4ns @ 3.3V, 30pF
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Input Logic Level - High	1.7V ~ 2V	1.7V ~ 2V	0.86V ~ 2.05V	1.7V ~ 2V
Number of Inputs	2	2	1	2

## NL17SG08DFT2G Datasheet PDF

Download NL17SG08DFT2G pdf datasheets and onsemi documentation for NL17SG08DFT2G - onsemi.

### Datasheets

[NL17SG08.pdf](#)

### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

[Material Declaration NL17SG08DFT2G.pdf](#)

### PCN Other

[Fab5 Supply Constraint 7/Mar/2022.pdf](#)

### PCN Design/Specification



















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PCN Assembly/Origin

HTML Datasheet

Customers Also Interested in

Recommended Products

 <b>NL17S04DFT2G</b> AMI Semiconductor/onsemi	 <b>NL17SG00DFT2G</b> onsemi IC GATE NAND 1CH 2-INP SC88A	 <b>NL17SG14DFT2G</b> onsemi IC INVERT SCHMITT 1CH 1-IN SC88A	 <b>NL17SG32P5T5G</b> onsemi IC GATE OR 1CH 2-INP SOT953	 <b>NL17SG17P5T5G</b> onsemi IC BUF NON-INVERT 3.6V SOT953	 <b>NL17SG04P5T5G</b> onsemi IC INVERTER 1CH 1-INP SOT953
 <b>NL17SG07DFT2G</b> onsemi IC BUFFER NON-INVERT 3.6V SC88A	 <b>NL17S07XV5T2G</b> AMI Semiconductor/onsemi	 <b>NL17SG32DFT2G</b> onsemi IC GATE OR 1CH 2-INP SC88A	 <b>NL17SG14P5T5G</b> onsemi IC INVERT SCHMITT 1CH 1IN SOT953	 <b>NL17SG125P5T5G</b> onsemi IC BUF NON-INVERT 3.6V SOT953	 <b>NL17SG02P5T5G</b> onsemi IC GATE NOR 1CH 2-INP SOT953
 <b>NL17S274USG</b> AMI Semiconductor/onsemi	 <b>NL17SG04DFT2G</b> onsemi IC INVERTER 1CH 1-INP SC88A	 <b>NL17SG08P5T5G</b> onsemi IC GATE AND 1CH 2-INP SOT953	 <b>NL17SG125DFT2G</b> onsemi IC BUFFER NON-INVERT 3.6V SC88A	 <b>NL111024EGU6-275</b> NETLOGICM	 <b>NL17SG17DFT2G</b> onsemi IC BUFFER NON-INVERT 3.6V SC88A

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
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Contact us if you have any questions.

 Phone +00852 9146 4856	 Email info@allelco.com
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Certifications & Memberships



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