

Image may be representation.
See specifications for product details.



NL17SZ08DBVT1G

| | |
|--------------------------|---------------------------------|
| Manufacturer Part Number | NL17SZ08DBVT1G |
| Manufacturer | onsemi |
| Allelco Part Number | 32D-NL17SZ08DBVT1G |
| ECAD Model | PCB Symbol, Footprint & 3D Mode |
| Parts Description | IC GATE AND 1CH 2-INP SC74A |
| Package | SC-74A, SOT-753 |
| Data sheet | NL17SZ08.pdf |
| | NL17SZ08.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

NL17SZ08DBVT1G - onsemi.New Original in Stock. Download Linear Technology NL17SZ08DBVT1G datasheet/specifications on AllelcoElec.com.
Request a quote for NL17SZ08DBVT1G, please send us email: info@allelco.com

Specifications

NL17SZ08DBVT1G Tech Specifications

NL17SZ08DBVT1G - onsemi technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|-------------------------|------------------|-----------------------------------|------------------|
| Manufacturer | onsemi | Mounting Type | Surface Mount |
| Voltage - Supply | 1.65V ~ 5.5V | Max Propagation Delay @ V, Max CL | 4.5ns @ 5V, 50pF |
| Supplier Device Package | SC-74A | Logic Type | AND Gate |
| Series | 17SZ | Input Logic Level - Low | - |
| Package / Case | SC-74A, SOT-753 | Input Logic Level - High | - |
| Package | Tape & Reel (TR) | Features | - |
| Operating Temperature | -55°C ~ 125°C | Current - Quiescent (Max) | 1 µA |
| Number of Inputs | 2 | Current - Output High, Low | 32mA, 32mA |
| Number of Circuits | 1 | Base Product Number | 17SZ08 |

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NL17SZ08DBVT1G

| Product Attribute | | | | |
|-----------------------------------|------------------|------------------|---------------------------|---------------------------|
| Part Number | NL17SZ08DBVT1G | NL17SZ08XV5T2G | NL17SZ08DFT2G | NL17SZ08EDFT2G |
| Manufacturer | onsemi | onsemi | onsemi | onsemi |
| Current - Output High, Low | 32mA, 32mA | 32mA, 32mA | 32mA, 32mA | 32mA, 32mA |
| Package / Case | SC-74A, SOT-753 | SOT-553 | 5-TSSOP, SC-70-5, SOT-353 | 5-TSSOP, SC-70-5, SOT-353 |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Logic Type | AND Gate | AND Gate | AND Gate | AND Gate |
| Series | 17SZ | 17SZ | 17SZ | 17SZ |
| Package | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) |
| Number of Inputs | 2 | 2 | 2 | 2 |
| Base Product Number | 17SZ08 | 17SZ08 | 17SZ08 | 17SZ08 |
| Operating Temperature | -55°C ~ 125°C | -55°C ~ 125°C | -55°C ~ 125°C | -55°C ~ 125°C (TA) |
| Supplier Device Package | SC-74A | SOT-553 | SC-88A (SC-70-5/SOT-353) | SC-88A (SC-70-5/SOT-353) |
| Number of Circuits | 1 | 1 | 1 | 1 |
| Input Logic Level - High | - | - | - | 1.29V ~ 4V |
| Input Logic Level - Low | - | - | - | 0.08V ~ 0.55V |
| Current - Quiescent (Max) | 1 µA | 1 µA | 1 µA | 1 µA |
| Max Propagation Delay @ V, Max CL | 4.5ns @ 5V, 50pF | 4.5ns @ 5V, 50pF | 4.5ns @ 5V, 50pF | 4.5ns @ 5V, 50pF |
| Features | - | - | - | - |
| Voltage - Supply | 1.65V ~ 5.5V | 1.65V ~ 5.5V | 1.65V ~ 5.5V | 1.65V ~ 5.5V |

NL17SZ08DBVT1G Datasheet PDF

Download NL17SZ08DBVT1G pdf datasheets and onsemi documentation for NL17SZ08DBVT1G - onsemi.

Datasheets

[NL17SZ08.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Other

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

PCN Design/Specification

[PCN Design/Specification](#)

HTML Datasheet











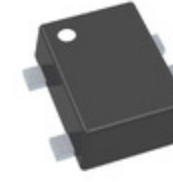






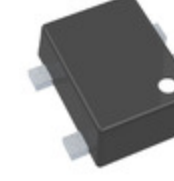
NL17SZ08.pdf

PCN Assembly/Origin

SC74/A 9-29-22.pdf

Customers Also Interested in

Recommended Products

| | | | | | |
|---|---|---|--|---|---|
|  |  |  |  |  |  |
| NL17SZ08XV5T2G | NL17SZ07XV5T2G | NL17SZ07DFT2 | NL17SZ07 | NL17SZ08DFT2G | NL17SZ08EDFT2G |
| onsemi IC GATE AND 1CH 2-INP SOT553 | onsemi IC BUF NON-INVERT 5.5V SOT553 | onsemi IC BUFF OP/DRAIN N-INV SOT353 | AMI Semiconductor/onsemi | onsemi IC GATE AND 1CH 2-INP SC88A | onsemi IC GATE AND 1CH 2-INP SC88A |
|  |  |  |  |  |  |
| NL17SZ08DFT2G-F22038 | NL17SZ07DFT2G | NL17SZ06EDFT2G | NL17SZ11DBVT1G | NL17SZ06XV5T2G | NL17SZ08XV5T2GH |
| onsemi IC GATE AND 1CH 2-INP SC88A | onsemi IC BUFFER NON-INVERT 5.5V SC88A | onsemi IC INVERTER OD 1CH 1-INP SC88A | onsemi IC GATE AND 1CH 3-INP SC74 | onsemi IC INVERTER OD 1CH 1-INP SOT553 | onsemi SINGLE 2 INPUT AND GATE |
|  |  |  |  |  |  |
| NL17SZ07XV5T2 | NL17SZ08DFT2 | NL17SZ07EDFT2G | NL17SZ07DFT2G-F22038 | NL17SZ08XV5T2 | NL17SZ08P5T5G |
| onsemi IC BUF NON-INVERT 5.5V SOT553 | onsemi IC GATE AND 1CH 2-INP SC-70 | onsemi IC BUFFER NON-INVERT 5.5V SC88A | onsemi IC BUFFER NON-INVERT 5.5V SC88A | onsemi IC GATE AND 1CH 2-INP SOT553 | onsemi IC GATE AND 1CH 2-INP SOT953 |

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.

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Certifications & Memberships



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