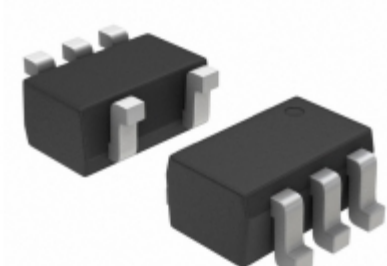


NLV17SZ02DFT2G



**ON Semiconductor®** 

**Part Number:** [NLV17SZ02DFT2G](#)

**Manufacturer:** [AMI Semiconductor / ON Semiconductor](#)

**Description:** IC GATE NOR 1CH 2-INP SC88A

**Data sheet:**  [NL17SZ02](#)

**RoHs Status:** Lead free / RoHS Compliant

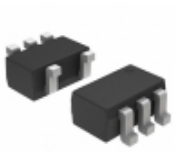
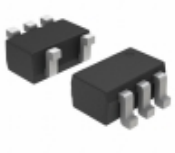
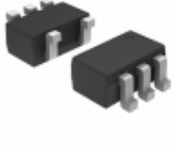
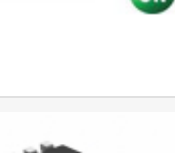
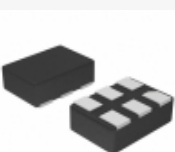
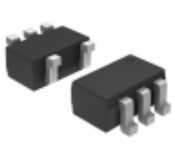
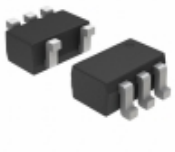
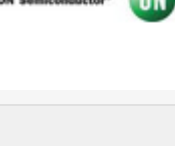
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                  |                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | NLV17SZ02DFT2G                            | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC GATE NOR 1CH 2-INP SC88A               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 397508 pcs                                | Data sheet                       | <a href="#">NL17SZ02</a>                             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 1.65 V ~ 5.5 V                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | SC-88A (SC-70-5/SOT-353)                  | Series                           | Automotive, AEC-Q100, 17SZ                           |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Original-Reel®                            | Package / Case                   | 5-TSSOP, SC-70-5, SOT-353                            |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | NLV17SZ02DFT2GOSDKR                       | Operating Temperature            | -55°C ~ 125°C                                        |
| Number of Inputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2                                         | Number of Circuits               | 1                                                    |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Surface Mount                             | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                        |
| Max Propagation Delay @ V, Max CL                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4.3ns @ 5V, 50pF                          | Manufacturer Standard Lead Time  | 45 Weeks                                             |
| Logic Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NOR Gate                                  | Logic Level - Low                | -                                                    |
| Logic Level - High                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                         | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                         | Detailed Description             | NOR Gate IC 1 Channel SC-88A (SC-70-5/SOT-353)       |
| Current - Quiescent (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1µA                                       | Current - Output High, Low       | 32mA, 32mA                                           |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                                     |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">NLV17SG14DFT2G</a><br>Description: IC INVERTER SCHMITT 1CH SC88A    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NLV17SZ04DFT2G</a><br>Description: IC INVERTER 1CH 1-INP SC88A      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NLV17SZ14DFT2G</a><br>Description: IC SCHMITT TRIGGER INV SC88A-5   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NLV17SG08DFT2G</a><br>Description: IC GATE AND 1CH 2-INP SC88A      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NLV17SZ08DFT2G</a><br>Description: IC GATE AND 1CH 2-INP SC88A      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NLV14585BDR2G</a><br>Description: IC COMPARATOR 4BIT 16SOIC         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NLV14584BDR2G</a><br>Description: IC INVERTER SCHMITT 6CH 14TSSOP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NLV17SZ126DFT2G</a><br>Description: IC BUFFER NON-INVERT 5.5V SC88A | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NLV17SZ07DFT2G</a><br>Description: IC BUFFER NON-INVERT 5.5V SC88A  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NLV17SZ125DFT2G</a><br>Description: IC BUFFER NON-INVERT 5.5V SC88A | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NLV14584BDR2G</a><br>Description: IC INVERTER SCHMITT 6CH 14SOIC    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NLV17SZ06DFT2G</a><br>Description: IC INVERTER OD 1CH 1-INP SC88A   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NLV17SZ17DFT2G</a><br>Description: IC BUFFER NON-INVERT 5.5V SC88A  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NLV17SG34AMUTCG</a><br>Description: IC BUFFER NON-INVERT 3.6V 6UDFN | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NLV17SG17DFT2G</a><br>Description: IC INVERTER SCHMITT 1CH SC88A    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NLV17SZ32DFT2G</a><br>Description: IC GATE OR 1CH 2-INP SC88A       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NLV14584BDG</a><br>Description: IC INVERTER SCHMITT 6CH 14SOIC      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NLV17SGU04DFT2G</a><br>Description: IC INVERTER 1CH 1-INP SC88A     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NLV17SZ125DFT1G</a><br>Description: IC BUFFER NON-INVERT 5.5V SC88A | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NLV17SZ00DFT2G</a><br>Description: IC GATE NAND 1CH 2-INP SC88A     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |

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