

NB2308AI3DTG



**ON Semiconductor®** 

**Part Number:** [NB2308AI3DTG](#)

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

**Description** IC BUFFER CLK 8OUT 3.3V 16-TSSOP

**Data sheet:**  [NB2308A \(Nov05\)](#)

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

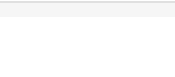
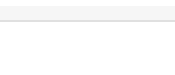
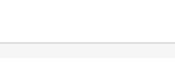
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | NB2308AI3DTG                              | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC BUFFER CLK 8OUT 3.3V 16-TSSOP          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4211 pcs                                  | Data sheet                       | <a href="#">NB2308A (Nov05)</a>                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 3 V ~ 3.6 V                                          |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Zero Delay Buffer                         | Supplier Device Package          | 16-TSSOP                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                         | Ratio - Input:Output             | 1:8                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Tube                                      | Package / Case                   | 16-TSSOP (0.173", 4.40mm Width)                      |
| PLL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Yes with Bypass                           | Output                           | Clock                                                |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -40°C ~ 85°C                              | Number of Circuits               | 1                                                    |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Surface Mount                             | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                        |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                | Input                            | Clock                                                |
| Frequency - Max                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 133.3MHz                                  | Divider/Multiplier               | No/Yes                                               |
| Differential - Input:Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | No/No                                     | Base Part Number                 | NB2308A                                              |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                                     |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">NB2308AI4D</a><br>Description: IC BUFFER CLK 8OUT 3.3V 16-SOIC      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NB2308AI2DT</a><br>Description: IC BUFFER CLK 8OUT 3.3V 16-TSSOP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NB2308AI4DTR2G</a><br>Description: IC BUFFER CLK 8OUT 3.3V 16-TSSOP | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NB2308AI5HDTG</a><br>Description: IC BUFFER CLK 8OUT 3.3V 16-TSSOP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NB2308AI3DTR2G</a><br>Description: IC BUFFER CLK 8OUT 3.3V 16-TSSOP | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NB2308AI3DR2G</a><br>Description: IC BUFFER CLK 8OUT 3.3V 16-SOIC   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NB2308AI3DG</a><br>Description: IC BUFFER CLK 8OUT 3.3V 16-SOIC     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NB2308AI5HDR2G</a><br>Description: IC BUFFER CLK 8OUT 3.3V 16-SOIC  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">NB2308AI5HD</a><br>Description: IC BUFFER CLK 8OUT 3.3V 16-SOIC     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NB2308AI4DG</a><br>Description: IC BUFFER CLK 8OUT 3.3V 16-SOIC     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
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Related keywords for NB2308AI3DTG

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