

PCA9306TDCURQ1



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**Part Number:** [PCA9306TDCURQ1](#)

**Manufacturer:** N/A

**Description:** IC TRNSLTR BIDIRECTIONAL 8VSSOP

**Data sheet:**

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

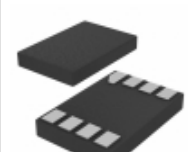
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                 |                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                            | PCA9306TDCURQ1                            | Manufacturer                    | N/A                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                            | IC TRNSLTR BIDIRECTIONAL 8VSSOP           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                     | 199447 pcs                                | Data sheet                      |                                                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage - VCCB                  | 1.8V ~ 5.5V                                                        |
| Voltage - VCCA                                                                                                                                                                                                                                                                                                                                                                                                                         | 1.2V ~ 3.3V                               | Translator Type                 | Voltage Level                                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                | 8-VSSOP                                   | Series                          | Automotive, AEC-Q100                                               |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                              | Tape & Reel (TR)                          | Package / Case                  | 8-VFSOP (0.091", 2.30mm Width)                                     |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                            | Open Drain, Push-Pull                     | Output Signal                   | -                                                                  |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                            | 296-40475-2<br>PCA9306TDCURQ1-ND          | Operating Temperature           | -45°C ~ 105°C (TA)                                                 |
| Number of Circuits                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                                         | Mounting Type                   | Surface Mount                                                      |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                       | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 12 Weeks                                                           |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                         | Lead free / RoHS Compliant                | Input Signal                    | -                                                                  |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                               | Auto-Direction Sensing                    | Detailed Description            | Voltage Level Translator Bidirectional 1 Circuit 2 Channel 8-VSSOP |
| Data Rate                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                         | Channels per Circuit            | 2                                                                  |
| Channel Type                                                                                                                                                                                                                                                                                                                                                                                                                           | Bidirectional                             | Base Part Number                | PCA9306                                                            |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                                                     |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">PCA9306FMUTC</a><br>Description: IC TRNSLTR BIDIRECTIONAL 8UDFN    | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9306FMUTAG</a><br>Description: IC TRNSLTR BIDIRECTIONAL 8UDFN   | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9411UKZ</a><br>Description: 3.0 MHZ 500 MA DC-TO-DC BOOST       | Manufacturers: <a href="#">NXP Semiconductors</a> / <a href="#">Freescale</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9306YZTR</a><br>Description: IC TRNSLTR BIDIRECTIONAL 8DSBGA    | Manufacturers: <a href="#">N/A</a>                                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9500BS,118</a><br>Description: IC I/O EXPANDER I2C 8B 16HVQFN   | Manufacturers: <a href="#">NXP Semiconductors</a> / <a href="#">Freescale</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9306GM,125</a><br>Description: IC TRNSLTR BIDIRECTIONAL 8XQFN   | Manufacturers: <a href="#">NXP Semiconductors</a> / <a href="#">Freescale</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9306GD1,125</a><br>Description: IC TRNSLTR BIDIRECTIONAL 8XSON  | Manufacturers: <a href="#">NXP Semiconductors</a> / <a href="#">Freescale</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9411AUKZ</a><br>Description: 3.0 MHZ 500 MA DC-TO-DC BOOST CO   | Manufacturers: <a href="#">NXP Semiconductors</a> / <a href="#">Freescale</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9306USG</a><br>Description: IC TRNSLTR BIDIRECTIONAL US8        | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9306DP,118</a><br>Description: IC TRNSLTR BIDIRECTIONAL 8TSSOP  | Manufacturers: <a href="#">NXP Semiconductors</a> / <a href="#">Freescale</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9306DP1,125</a><br>Description: IC TRNSLTR BIDIRECTIONAL 8TSSOP | Manufacturers: <a href="#">NXP Semiconductors</a> / <a href="#">Freescale</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9412UKZ</a><br>Description: 2.5 MHZ 300 MA STEP-UP DC-DC CVR    | Manufacturers: <a href="#">NXP Semiconductors</a> / <a href="#">Freescale</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9410AUKZ</a><br>Description: IC REG BOOST 5V 0.5A SYNC          | Manufacturers: <a href="#">NXP Semiconductors</a> / <a href="#">Freescale</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9468UKZ</a><br>Description: 2:1 SWITCHED CAPACITOR CHARGER      | Manufacturers: <a href="#">NXP Semiconductors</a> / <a href="#">Freescale</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9410UKZ</a><br>Description: IC REG BOOST 5V 0.5A SYNC           | Manufacturers: <a href="#">NXP Semiconductors</a> / <a href="#">Freescale</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9306IDCURQ1</a><br>Description: IC TRNSLTR BIDIRECTIONAL US8    | Manufacturers: <a href="#">N/A</a>                                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9500BSHP</a><br>Description: IC I/O EXPANDER 8BIT 16HVQFN       | Manufacturers: <a href="#">NXP Semiconductors</a> / <a href="#">Freescale</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9306DTR2G</a><br>Description: IC TRNSLTR BIDIRECTIONAL 8TSSOP   | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9306DQER</a><br>Description: IC TRNSLTR BIDIRECTIONAL 8X2SON    | Manufacturers: <a href="#">N/A</a>                                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9306GF,115</a><br>Description: IC TRNSLTR BIDIRECTIONAL 8XSON   | Manufacturers: <a href="#">NXP Semiconductors</a> / <a href="#">Freescale</a>       | <a href="#">RFQ</a> |

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