



IDT (Integrated Device Technology)

Technology)



### IDT74LVC4245APYG

|                     |                                                                                                                                                                                                                                                             |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | IDT74LVC4245APYG                                                                                                                                                                                                                                            |
| Manufacturer/Brand: | IDT (Integrated Device Technology)                                                                                                                                                                                                                          |
| Product description | IC TRNSLTR BIDIRECTIONAL 24SSOP                                                                                                                                                                                                                             |
| Datasheets:         | <div>  1.IDT74LVC4245APYG.pdf         </div> <div>  2.IDT74LVC4245APYG.pdf         </div> |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                |
| Stock Condition     | 3440 pcs stock                                                                                                                                                                                                                                              |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                       |

REQUEST FOR QUOTATION

#### Specifications of IDT74LVC4245APYG

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | IDT74LVC4245APYG                                                                                                                                                                                                                                                |
| MANUFACTURER                     | IDT (Integrated Device Technology)                                                                                                                                                                                                                              |
| DESCRIPTION                      | IC TRNSLTR BIDIRECTIONAL 24SSOP                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                      |
| QUANTITY AVAILABLE               | 3440 pcs                                                                                                                                                                                                                                                        |
| DATA SHEET                       | <div>  1.IDT74LVC4245APYG.pdf         </div> <div>  2.IDT74LVC4245APYG.pdf         </div> |
| VOLTAGE - VCCB                   | 2.7V ~ 3.6V                                                                                                                                                                                                                                                     |
| VOLTAGE - VCCA                   | 4.5V ~ 5.5V                                                                                                                                                                                                                                                     |
| TRANSLATOR TYPE                  | Voltage Level                                                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 24-SSOP                                                                                                                                                                                                                                                         |
| SERIES                           | 74LVC                                                                                                                                                                                                                                                           |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                            |
| PACKAGE / CASE                   | 24-SSOP (0.209", 5.30mm Width)                                                                                                                                                                                                                                  |
| OUTPUT TYPE                      | Tri-State, Non-Inverted                                                                                                                                                                                                                                         |
| OUTPUT SIGNAL                    | -                                                                                                                                                                                                                                                               |
| OTHER NAMES                      | 74LVC4245APYG                                                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                               |
| NUMBER OF CIRCUITS               | 1                                                                                                                                                                                                                                                               |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                      |
| INPUT SIGNAL                     | -                                                                                                                                                                                                                                                               |
| FEATURES                         | -                                                                                                                                                                                                                                                               |
| DETAILED DESCRIPTION             | Voltage Level Translator Bidirectional 1 Circuit 8 Channel 24-SSOP                                                                                                                                                                                              |
| DATA RATE                        | -                                                                                                                                                                                                                                                               |
| CHANNELS PER CIRCUIT             | 8                                                                                                                                                                                                                                                               |
| CHANNEL TYPE                     | Bidirectional                                                                                                                                                                                                                                                   |
| BASE PART NUMBER                 | 74LVC4245                                                                                                                                                                                                                                                       |

#### Related Tags

|                                                           |                                                     |                                                         |
|-----------------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|
| IDT (Integrated Device Technology) IDT74LVC4245APYG       | IDT74LVC4245APYG Distributor                        | IDT74LVC4245APYG Supplier                               |
| IDT74LVC4245APYG Price                                    | IDT74LVC4245APYG Pictures                           | IDT74LVC4245APYG Image                                  |
| IDT74LVC4245APYG PDF Datasheet                            | IDT74LVC4245APYG Download Datasheet                 | IDT74LVC4245APYG Datasheet                              |
| IDT74LVC4245APYG Stock                                    | Buy IDT74LVC4245APYG                                | Buy IDT (Integrated Device Technology) IDT74LVC4245APYG |
| IDT (Integrated Device Technology) IDT74LVC4245APYG       | IDT (Integrated Device Technology) Supplier         | IDT (Integrated Device Technology) Distributor          |
| IDT (Integrated Device Technology) IDT74LVC4245APYG       | IDT IDT74LVC4245APYG                                | IDT (Integrated Device Technology) IDT74LVC4245APYG     |
| IDT, Integrated Device Technology Inc<br>IDT74LVC4245APYG | Integrated Device Technology (IDT) IDT74LVC4245APYG |                                                         |

#### Related Products

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| <div>  </div> <div> <b>IDT74LVC4245APGG</b><br/>           Manufacturers: IDT (Integrated Device Technology)<br/>           Description: IC TRNSLTR BIDIRECTIONAL 24TSSOP<br/>           In stock: 4441 pcs         </div> <div>RFQ</div>  | <div>  </div> <div> <b>IDT74LVC4245AQG</b><br/>           Manufacturers: IDT (Integrated Device Technology)<br/>           Description: IC TRNSLTR BIDIRECTIONAL 24QSOP<br/>           In stock: 5723 pcs         </div> <div>RFQ</div>   |
| <div>  </div> <div> <b>IDT74LVC541AQG</b><br/>           Manufacturers: IDT (Integrated Device Technology)<br/>           Description: IC BUF NON-INVERT 3.6V 20QSOP<br/>           In stock: 5230 pcs         </div> <div>RFQ</div>       | <div>  </div> <div> <b>IDT74LVC4245AQG8</b><br/>           Manufacturers: IDT (Integrated Device Technology)<br/>           Description: IC TRNSLTR BIDIRECTIONAL 24QSOP<br/>           In stock: 3169 pcs         </div> <div>RFQ</div>  |
| <div>  </div> <div> <b>IDT74LVC4245APGG8</b><br/>           Manufacturers: IDT (Integrated Device Technology)<br/>           Description: IC TRNSLTR BIDIRECTIONAL 24TSSOP<br/>           In stock: 5862 pcs         </div> <div>RFQ</div> | <div>  </div> <div> <b>IDT74LVC273APGG</b><br/>           Manufacturers: IDT (Integrated Device Technology)<br/>           Description: IC FF D-TYPE SNGL 8BIT 20TSSOP<br/>           In stock: 5742 pcs         </div> <div>RFQ</div>    |
| <div>  </div> <div> <b>IDT74LVC245ASOG</b><br/>           Manufacturers: IDT (Integrated Device Technology)<br/>           Description: IC TXRX NON-INVERT 3.6V 20SOIC<br/>           In stock: 3434 pcs         </div> <div>RFQ</div>     | <div>  </div> <div> <b>IDT74LVC4245APYG8</b><br/>           Manufacturers: IDT (Integrated Device Technology)<br/>           Description: IC TRNSLTR BIDIRECTIONAL 24SSOP<br/>           In stock: 5872 pcs         </div> <div>RFQ</div> |
| <div>  </div> <div> <b>IDT74LVC4245ASOG8</b><br/>           Manufacturers: IDT (Integrated Device Technology)<br/>           Description: IC TRNSLTR BIDIRECTIONAL 24SOIC<br/>           In stock: 6163 pcs         </div> <div>RFQ</div>  | <div>  </div> <div> <b>IDT74LVC245ASOG8</b><br/>           Manufacturers: IDT (Integrated Device Technology)<br/>           Description: IC TXRX NON-INVERT 3.6V 20SOIC<br/>           In stock: 5299 pcs         </div> <div>RFQ</div>   |
| <div>  </div> <div> <b>IDT74LVC4245ASOG</b><br/>           Manufacturers: IDT (Integrated Device Technology)<br/>           Description: IC TRNSLTR BIDIRECTIONAL 24SOIC<br/>           In stock: 6628 pcs         </div> <div>RFQ</div>   | <div>  </div> <div> <b>IDT74LVC273APGG8</b><br/>           Manufacturers: IDT (Integrated Device Technology)<br/>           Description: IC FF D-TYPE SNGL 8BIT 20TSSOP<br/>           In stock: 5804 pcs         </div> <div>RFQ</div>   |