

## Voltage Level Translator 8-CH Bidirectional 24-Pin TSSOP T/R

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| <b>Manufacturer:</b> | <a href="#">Texas Instruments, Inc</a>   | <a href="#">SN74LVCC3245APWR Image</a> |
| <b>Package/Case:</b> | TSSOP24  | Images are for reference only          |
| <b>Product Type:</b> | Logic ICs  | <a href="#">Inquiry</a>                |
| <b>RoHS:</b>         | RoHS Compliant/Lead free  |  |
| <b>Lifecycle:</b>    | Active   |  |

### General Description

The SN74LVCC3245A device is 8-bit (octal) noninverting bus transceiver contains two separate supply rails. The B port is designed to track VCCB, which accepts voltages from 3 V to 5.5 V, and the A port is designed to track VCCA, which operates at 2.3 V to 3.6 V. This allows for translation from a 3.3-V to a 5-V system environment and vice versa, from a 2.5-V to a 3.3-V system environment and vice versa.

### Key Features

Bidirectional Voltage Translator

2.3 V to 3.6 V on A Port and 3 V to 5.5 V on B Port

Control Inputs VIH and VIL Levels Are Referenced to VCCA Voltage

Latch-Up Performance Exceeds 250 mA Per JESD 17

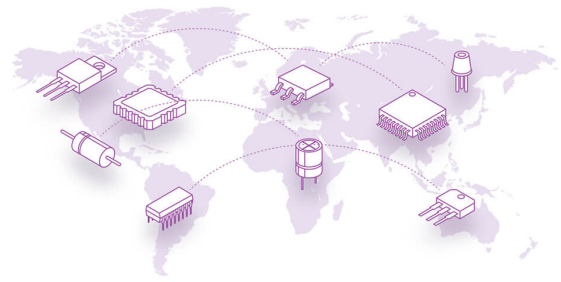
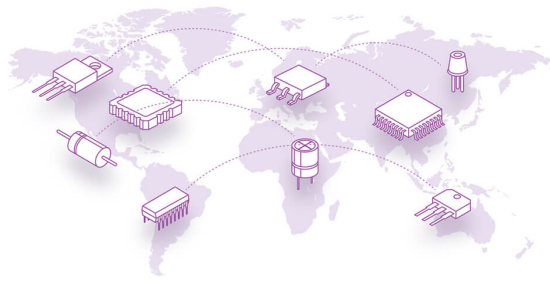
ESD Protection Exceeds JESD 22  
2000-V Human Body Model (A114-A)

200-V Machine Model (A115-A)

1000-V Charged-Device Model (C101)

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## Recommended For You

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### SN74S38N

Texas Instruments, Inc

DIP

### SN7438N

Texas Instruments, Inc

DIP14

### SN75462P

Texas Instruments, Inc

DIP8

### SN74F08D

Texas Instruments, Inc

SOP-14

### SN74LS257BN

Texas Instruments, Inc

DIP16

### SN75452BP

Texas Instruments, Inc

DIP8

### SN74LS245DW

Texas Instruments, Inc

SOP20

### SN74LS74AN

Texas Instruments, Inc

DIP

### SN74S74N

Texas Instruments, Inc

DIP

### SN7406N

Texas Instruments, Inc

DIP-14

### SN74CBILV3257D

Texas Instruments, Inc

SOP-16P

### SN74HC138DR

Texas Instruments, Inc

SOP16

### SN74LS14N

Texas Instruments, Inc

DIP

### SN74HC139N

Texas Instruments, Inc

DIP

### SN74AVC16T245DGGR

Texas Instruments, Inc

TSSOP48