

8 channels bidirectional voltage translation between different logic level,
translate between Ax and Bx automatically

Voltage level: 1.8V-6V

Dimension: 21mm x 15mm

In the case of translating between 3.3V and 5V system:

VCCA connects to 3.3V power supply

VCCB connects to 5V power supply

GND connects to power negative pole respectively,
the two power supply should be common-grounded with each other

When Ax has TTL 3.3V input, Bx will get TTL 5V output

When Bx has TTL 5V input, Ax will get TTL 3.3V output

NO direction control required

Packing List:

TXS0108E Logic Converter

Enable and Disable

The TXS0108E has an OE input that is used to disable the device by setting OE low, which places all I/Os in the Hi-Z state.

The disable time (t_{dis}) indicates the delay between the time when OE goes low and when the outputs actually get disabled (Hi-Z).

The enable time (t_{en}) indicates the amount of time the user must allow for the one-shot circuitry to become operational after OE is taken high.