

3.3V 5V TTL Bi-directional Logic Level Converter for Arduino

Model: 200658

Feature:

- 2 channels of high-voltage logic and low-voltage logic bilateral switching
- 2-channel of high-voltage logic switch low voltage logic into unitary transformation
- Size: 15.5mm x 16mm x 11.5mm
- Module is compatible with the breadboard, it can be put on the breadboard directly

Description:

- High Voltage: 5V
- Low Voltage: 3.3V
- GND for negative power
- 5V TTL RXI input, 3.3V TTL RXO output
- TXI input/output of 3.3 V TTL, TXO input/output 5 V TTL, TXI and TXO bilateral switching

How to use?

The level converter is very easy to use. The board needs to be powered from the two voltages sources (high voltage and low voltage) that your system is using. High voltage (5V for example) to the 'HV' pin, low voltage (2.8V for example) to 'LV', and ground from the system to the 'GND' pin. Pins are labeled as **Inputs** and **Outputs**. These are relative to the board. A digital one going into the RXI pin on the 5V side will show up on the RXO pin on the 3.3V side as 3.3V. A digital one going into the TXI pin on the 3.3V side will show up on the TXO pin on the 5V side as 5V.

Schematic:



