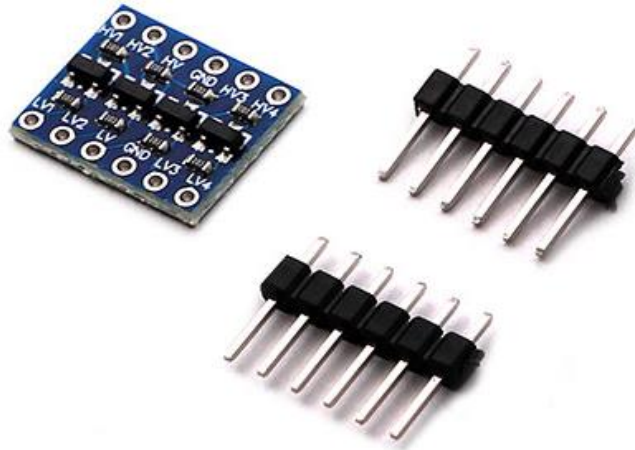


5V-3.3V Level Shifter Board

Model: HW-024



Description:

If you've ever tried to connect a 3.3V device to a 5V system, you know what the problems it can be. The bi-directional motherboard level converter is a small device that reliably steps down to 5V signals to 3.3V and activates 3.3V to 5V at the same time. This level converter also works with 2.8V and 1.8V devices. What really separates this logic level converter from our previous versions is that you can successfully set your high and low voltage and step up and down between them safely on the same channel. Each level converter has the ability to convert 4 pins on the high side to 4 pins on the low side with two inputs and two outputs for each side.

The level converter is very easy to use. The board must be powered by the two voltage sources (High Voltage and Low Voltage) that your system uses. High voltage (5V for example) on 'HV' pin, low voltage protection (3.3V for example) for 'LV' and ground with system 'GND' pin.

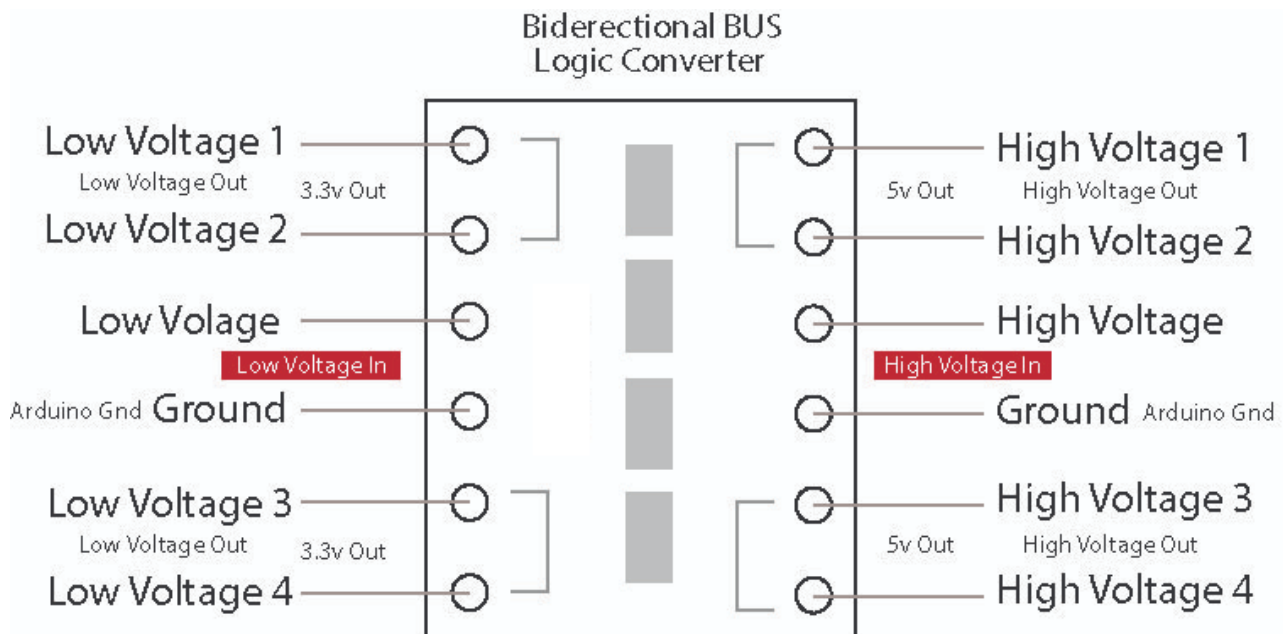
Features:

- Mutual transform between 5V TTL and 3.3V TTL.
- Four channels of logic and high voltage low voltage logic can two-way transform.
- Portable and lightness, with 2 rows 6 pin contact pins.
- These are 4 Channel devices (great for I2C or SPI) and will work with all microcontrollers,
- Arduino, Raspberry Pi, Intel Edison, NXP Mbed.
- Level Converter- 4 Channel Compatible with the bread plate, can be used directly put on the breadboard.

Specifications:

- 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.
- Module is compatible with the breadboard, it can be put on the breadboard directly.
- Dimensions: 16x13mm

Pinout:



Made in China