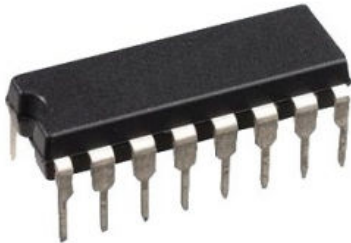


74HC4050 Hex Non-Inverting Buffer (DIP)



Price:	£0.34 (£0.28 + VAT)
Availability:	267
Model:	74HC4050
Manufacturer:	Texas Instruments
Average Rating:	Not Rated

Qty: [Add to Cart](#) [Compare](#)



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Description

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74HC4050 Hex Non-Inverting Buffer (DIP)

The 74HC4050 has an input protection structure that makes these chips ideal as logic level translators which convert high-level logic to a low-level logic while operating off the low-level logic supply.

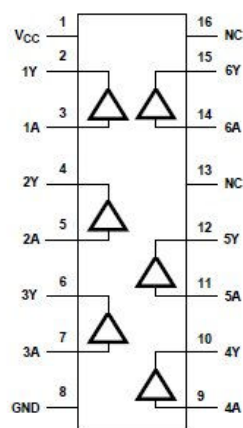
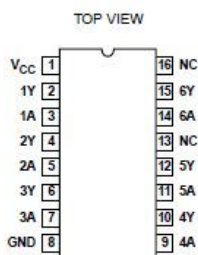
For example, 5V input pulse levels can be down-converted to 3.3V logic levels. These parts also can be used as simple buffers without level translation.

The buffer on these chips is one way. I.e. the input voltage controls the output voltage. You cannot control the input from the output. This makes these chips ideal for logic level conversion when using the SPI bus, but they won't work for I2C as this requires bi-directional logic level conversion.

The 74HC4050 is fabricated with high-speed silicon gate technology

- Supply Voltage Range: 2V to 7V
- Input Voltage Range: -0.5V to 16V
- Logic Case Style: DIP
- No. of Pins: 16

74HC4050



Documents

74HC4050 Datasheet