

# OPTO-8

8-Way Optoisolator

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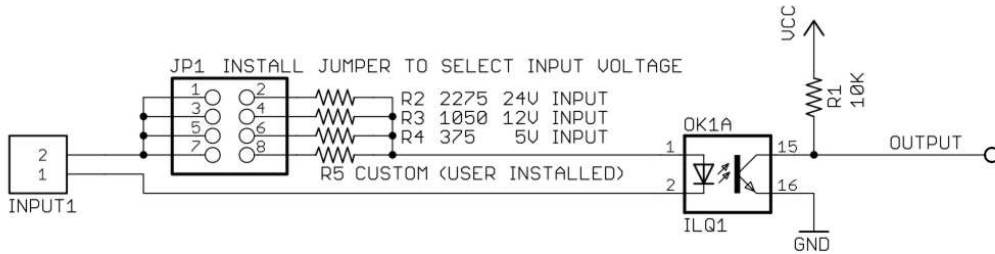
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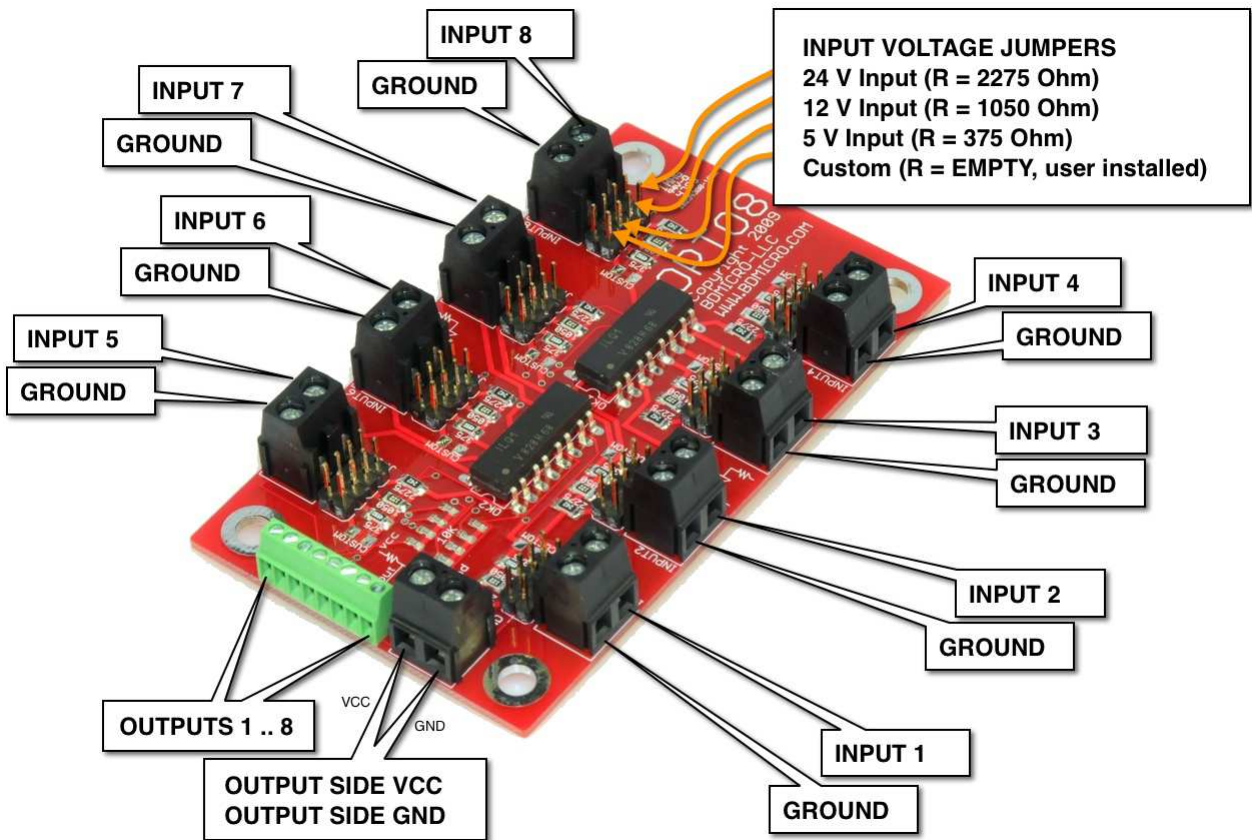
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# 1 Input Channel Schematic



# 2 Opto-8 Hookup Diagram



### 3 Notes

- The optoisolator used on the OPTO-8 is the Vishay ILQ1. Reference the data sheet for that chip regarding electrical specifications.
- The outputs are pulled up through a 10k resistor and are suitable for feeding a TTL input. However, there is not enough current for driving high loads. If higher loads are needed, feed the output into a driver circuit such as a transistor.
- The inputs are current limited by the resistor jumpered at the “INPUT VOLTAGE JUMPERS” for each channel. See the hookup diagram. Do not exceed 60 mA on the input side.
- The “OUTPUT SIDE VCC” sets the output voltage reference for the outputs.
- The “OUTPUT SIDE GND” and the Input Channel “GROUND” are NOT connected. See the input channel schematic for reference.