

What to do if the optocoupler is not working properly

I have got an optocoupler to switch an output between 0V and 3.3V. That output is also inverted with a NOT gate, but for simplicity, we could focus on just Out_Enable1 signal.

In this episode #0018 of Electronic Components Testing, we reveal how to test an optocoupler (optoisolator) using a digital multimeter step by step. This simple yet powerful technique ...

If the device is working you'll get an indication and a pin out diagram on the screen that you have a working LED. Then disconnect it and connect pins 4, 5 and 6 to the component tester.

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This article will introduce several methods for testing phototransistor optocouplers to help you understand how to ensure the normal operation of these key components.

PC817 optocouplers are reliable components, but they can experience issues due to improper installation, excessive load, or incorrect component values. By following the diagnostic ...

Optocouplers If any optically isolated input on the controller is not working, follow the steps below to identify the cause.

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No one can do that, not even the manufacturer. If you want a better chance at a lifetime in the 10's of thousands of hours, you should design your circuit so it will work with a significant ...

Once you understand the common issues with the 6N137SDM and have your tools ready, it's time to move on to the diagnosis and repair process. The following is a step-by-step guide to help ...

Understanding how to accurately test and verify the proper functionality of an optocoupler is essential for technicians and hobbyists alike.



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