The Proteus optocoupler is not working

Overview

Using a multimeter, check continuity between the black connector and the marked pin of the optocoupler input that is not working. Measure the voltage at the marked test. I try to implement a multilevel inverter step by step! to understand how opto transistor/darlington is working I implement a circuit in proteus! the program is well working but I have problem with optocouplers. I have attached picture of my circuit. is there a problem?

any comment to implementing. This video demonstrates a relay module circuit using an optocoupler (PC817) and transistor (2N2222) in Proteus Software. The circuit allows you to turn on/off a 220V load (lamp. The main problem is that GPIO16 is HIGH at boot. I mean, i put in my circuit a lamp 12V, switch, an alternator with a 12V/50Hz setup for AC power source. When I connect everything and try to simulate the circuit, the simulator is running but the light bulb. The IC could work with any TTL device or any microcontroller but to operate it properly with high load external TRIAC is suggested due to some safety measurements and due to different magnitudes of the IC.

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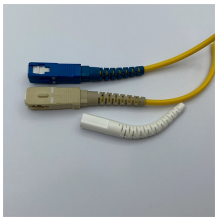
This video demonstrates a relay module circuit using an optocoupler (PC817) and transistor (2N2222) in Proteus Software.

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

In the start, the circuit will not be in working, we will need to adjust the LDR sensitivity through a resistor. After that change, the sensitivity of the sun then witnesses the output on LAMP.

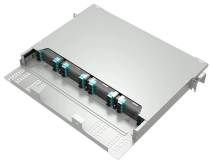


In this tutorial, we have made two types of circuits. The first circuit will drive the relay through an optocoupler in the same circuit with the same power supply. Whereas the second circuit is ...

There are two issues with second circuit. The first issue is that R1 is excluded from simulation. The second issue is that right side is completely floating. If resistor is enabled and GND is ...

In this circuit, before triggering the thyristors and before the yellow ...

Hi all, It''s already more than one month I''m struggling to have models for optocouplers VO2630 and HCPL-2430 working on Proteus 8.13. Following the examples...



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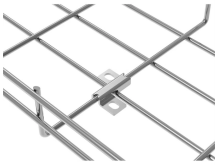
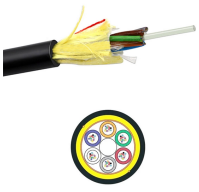
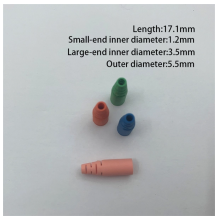


In terms of optocoupler problem I think you need to ground the emitter of the internal transistor of the optocoupler. Also you would need some pull up resistor at the output of the ...



In this circuit, before triggering the thyristors and before the yellow pulse (from the microcontroller), the pink signal is zero (end number 4 of the optocoupler).

If both the LED and phototransistor appear to be functioning correctly but the optocoupler still isn''t working, it''s time to inspect the drive circuit. The 6N137SDM requires a proper driving ...

	If there is a problem with it not working, measure the voltage between the base and th emitter when the relay is supposed to operate. It may be that the opto-isolator LED is not getting ...

Contact Us

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