Optocoupler circuit 5V controls 24V

There are many MOSFETs that switch just fine with a 5V signal to the gate. Actually 24V to the gate is too much for many MOSFETs... so the module should include voltage limiting there ...

How can i convert 5v dc to 24v dc using an optocoupler max current requirement is 7.5mA max frequency 200KHz... Please give me the circuit for this...

I have deisgned a PCB which will accept sensor voltage ranging from 5-24VDC, and attempting to monitor the status of a Capacitive Proximity sensor (24V o/p) via one of the Digital ...

I"m working on a project with a PSoC5 and need to isolate 24V digital signals (both input and output) using optocouplers. I"d like to know if the circuit I"ve designed is suitable or if there are ...

A 5V/12V/24V relay module with optocoupler can reliably control multiple voltage systems with Arduino and Raspberry Pi when using proper isolation, current limiting, and separate power supplies for load ...

The optocoupler is better - it will definitely not pass high pulses and will not pass fast electrostatic pulses simply because the led does not have enough energy to emit light.

I"m currently designing a 24V input, and I just have to point out that the power dissipation of a series resistor that drops 22V at 0.01A is 0.2W, which is not insignificant and should be taken ...

I would agree with the aforementioned suggestions: Either use an SSR with adequate frequency (which is essentially an optocoupler with switching circuitry and a nice package), or ...

In this project, we will design a relay driver circuit that uses the TLP3120 optocoupler to switch a 24V relay on and off.

An optocoupler (or opto-isolator) is a component that transfer signals between circuits using light. In this guide, you"ll learn how they work and how you can use one in your own projects.

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