

# Re: MOSFET GOT XTREMELY HOT

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  - *Date:* Thu, 08 May 2008 17:50:01 -0400
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On Thu, 8 May 2008 14:30:27 -0700 (PDT), bigcaboy@xxxxxxxxxx wrote:

I just used the IRFP044 as picture shows but it gets extremely hot at 8A DC. It buzzed and I saw a sine wave stacked DC at Gate. Is't caused by the linear region resistance?

got a picture from other website:

<http://www.unsp.com.cn/app/pic/2006526115419.jpg>

or any other reasons?

Thanks,  
Powerboy

You've made a power oscillator. Reduce the gate resistor to something like 100R. Add a 1K resistor on the inverting input. Connect 10n from the output to inverting input.

Your MOSFET will still get extremely hot (maybe even hotter) but it won't oscillate.

Best regards,  
Spehro Pefhany

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"it's the network..." "The Journey is the reward"  
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