

## Re: MOSFET GOT XTREMELY HOT

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- *From:* Eeyore <[rabbitsfriendsandrelations@xxxxxxxxxxx](mailto:rabbitsfriendsandrelations@xxxxxxxxxxx)>
  - *Date:* Fri, 09 May 2008 03:01:57 +0100
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D from BC wrote:

bigcaboy@xxxxxxxxxxx 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?

I see unstable has already been mentioned.

Even in stable operation it's still a bit of heat.

The IRF640 will waste 9.6W @8A. Hopefully heat sinked ok.

Yes absolutely. The device needs at minimum to be heatsinked adequately to cope with the DC losses.

Graham

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