

# current through FET

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*Source:* <http://sci.tech-archive.net/Archive/sci.electronics.design/2008-04/msg01202.html>

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I am currently using this FET to toggle the power to a device. The device wants 3.3V.

<http://www.zetex.com/3.0/pdf/ZXM61P03F.pdf>

I have pin 1 (gate) going to my microcontroller, pin 2(source) going to a 3.3V regulator, and pin 3 (drain) goes to the device I am powering. The 3.3V regulator can provide 800 mA of output current and I need all of that going through the FET to the device I am powering. The problem is that when I take a look at the datasheet (page 5 , 2nd graph) I will only be getting a few hundred milliamps.

Does anyone have a different part they can recommend or an easy way to modify my current setup to allow for a higher current?

Thanks!

-Mike

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