

## Re: Clamping to Linear regulators

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- *From:* Mike Harrison <[mike@xxxxxxxxxxxxxxxx](mailto:mike@xxxxxxxxxxxxxxxx)>
  - *Date:* Wed, 03 May 2006 09:08:21 GMT
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On Tue, 02 May 2006 15:48:01 GMT, "AJ" <[itisme33@xxxxxxxxxxxxxxxx](mailto:itisme33@xxxxxxxxxxxxxxxx)> wrote:

Hi,

I have a 3.3V linear regulator that I want to use to clamp 24V to via a 100K resistor and a diode. Im pretty sure this is ok but just wanted to double check. Does anyone have any feedback?

Depending on the load, it could potentially drag the 3.3v rail upwards.  
A more universal solution would be to use an opamp set as a unity-gain buffer, powered from the supply into the 3v3 reg, with the input from the 3.3v supply.

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