

Re: Conductivity sensors

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2006-09/msg04123.html>

- *From:* "linnix" <me@xxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* 19 Sep 2006 11:44:09 -0700
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mooseo wrote:

linnix wrote:

When you multiplexed the powers, did you isolate the grounds as well. Did you have filters isolations for the power supply? Did you isolate the probes? Treat this as a very noise sensitive circuit.

Hi,

Yes, I did switch both the power and the ground through the multiplexer. The other connection was the voltage out, which went into the A/D. I did not have any filters on my power supply. What sort of filters would you suggest?

Inductors.

Maybe I'll try running it off a battery to see if that helps.

Yes, that should help.

thanks,
mike