

Re: Conductivity sensors

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2006-09/msg04120.html>

- *From:* "mooseo" <mooseo@xxxxxxxxxx>
 - *Date:* 19 Sep 2006 11:31:20 -0700
-

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

thanks,
mike

.