

Re: OPA349 spice model acting weird

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2005-07/msg00708.html>

- *From:* "Tom (at tomsweb.net)" <tomtorfs@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* 6 Jul 2005 04:51:54 -0700
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>> I tried the model with LTspice and see the same problem as you
>> have described. I recommend you write a letter to AD.
> Sorry, it's TI and not AD,

TI just confirmed that their model is crap (actually I would prefer them not offering a model at all in that case!).

---snip---

You were requesting the information about OPA349 Spice macro model. Our OPA349 macromodel is not a very good one. It was written 5 years ago and I've found that it does have some problems (Especially Low Voltage problems, less than 3Volts) .Sorry for the inconvenience caused.

You might want to consider using the TLV2401 device and the specifications are almost similar to OPA349. The TLV2401 device has a Spice model and it can be downloaded from TI website (<http://focus.ti.com/docs/prod/folders/print/tlv2401.html#productmodels>).

---snip---

I'm now simulating with the TLV2401 model, which works. However, the real circuit will use a OPA349, because my supply is less than 2.5V (the minimum for TLV2401).

greetings,
Tom

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- *Follow-Ups:*
 - ◆ ***Re: OPA349 spice model acting weird***
 - ◇ *From:* Helmut Sennewald
- *References:*
 - ◆ ***OPA349 spice model acting weird***
 - ◇ *From:* Tom (at tomsweb.net)
 - ◆ ***Re: OPA349 spice model acting weird***

Re: OPA349 spice model acting weird

◇ *From:* Helmut Sennewald

◆ ***Re: OPA349 spice model acting weird***

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