

Re: OPA349 spice model acting weird

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- *From:* "Helmut Sennewald" <helmutsennewald@xxxxxxxxxxx>
 - *Date:* Wed, 6 Jul 2005 20:02:37 +0200
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"Tom (at tomsweb.net)" <tomtorfs@xxxxxxxxxxxxxxxxxxx> schrieb im Newsbeitrag
<news:1120650714.692137.269580@xx>

>> > 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

Hello Tom,

thanks for this information. I will keep this message in my folder.

It sounds like TI will not spend any money/time to correct this model. What a bad service to their customers when I assume that they eventually know since 5 years that the model is wrong.

Best regards,
Helmut

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- **Follow-Ups:**
 - ◆ **Re: OPA349 spice model acting weird**
 - ◇ From: Jim Thompson

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

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