Re: Transistors

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- *From*: John Larkin <jjlarkin@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
- *Date*: Sat, 17 Nov 2007 09:15:55 −0800

On Sat, 17 Nov 2007 08:17:27 −0800 (PST), Winfield
<winfieldhill@xxxxxxxxx> wrote:

> On Nov 17, 8:16 am, Fred Bloggs wrote:
>
> > John Larkin wrote:
> >
> > > It's this one:
> >
> > [...snip...]
> >
> > Please refrain from linking us to that really boring stuff.
> > I have told you time and again that your work makes me ill,
> > very boring pedestrian stuff.
> >
> > > and this is almost done, except for the idiotic TI opamp
> > > problems:
> >
> > What's the problem with the 'TI opamp'? Tell us something
> > interesting.
>
> Yes, I seem to remember that was discussed on
> another thread, right John?

Yup. THS3062, practically a unique opamp, blinding fast with +−15
supplies. But if it's amplifying a sine wave at, say, 20 volts p−p
out, and the frequency goes up to roughly 12 MHz, it crashes, pulls
tons of power, gets red hot, and phase inverts! If you drop the input
signal way down, it recovers!

We've been pestering TI support about this for about 6 weeks now. All
they say is that they don't have an engineer available to look into

the problem. Sounds bad.

John

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