

Re: Transistors

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2007-11/msg02727.html>

- *From:* Winfield Hill <hill@xxxxxxxxxxx>
 - *Date:* Sun, 18 Nov 2007 09:09:36 -0800 (PST)
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On Nov 18, 12:04 pm, Jan Panteltje <pNaonStpealm...@xxxxxxxxx> wrote:

On a sunny day (Sun, 18 Nov 2007 08:50:10 -0800 (PST)) it happened Winfield Hill <h...@xxxxxxxxxxx> wrote in <dea930bf-0b93-4419-a564-5e58c2000...@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>:

Looking at the THS3062 datasheet, I don't see any plots for opamp supply current vs frequency for full-scale output voltage swings. To me this is a bad sign of a serious issue that's been overlooked. Check it out, John, and let us know.

I was sort of looking at a different output a bit like your class A, <ftp://panteltje.com/pub/amp1.jpg>

This is classic and has about 50 Ohm output.
Have only simulated DC... have to find some transistors.
What do you think of the output stage?
(Never mind the rest I just filled in what I felt like).

That's a good example of a circuit that will get into serious trouble above 100kHz or so... No good way to rapidly turn off the unused transistors.

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