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Subject: Re: Schematic - OrCad file

Posted by [Wayne Parham](#) on Fri, 21 Jan 2005 03:57:09 GMT

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I've made a quick OrCad model and uploaded it into a "Projects" directory. That makes it easy to modify as we make revisions. We can model the circuit with PSpice too. If you have a copy of OrCad, you can click the image above and download the SCH datafile. If you make changes to the circuit, new mods or whatever, send them to me and I'll upload them and make them available to everyone. This makes a standard format that's easy to use. If you do not have OrCad, you might be interested in the demo version. [Click here](#). I drew this schematic quickly and didn't include the power supply. It isn't much trouble at all, I just have been really pressed for time this week. I'll try to add that later, and that will let us decide if we're going for the dual-diode full-wave rectifier. Another thing that could be improved is that the proper values for the active components could be used. Right now, the schematic is right but the electrical parameters aren't. As an example, I grabbed a small signal triode but not a 5687 so the tube characteristics would need to be entered for PSpice to work. The diodes are 1N914's or something like that, which aren't the same as LED's. So if we want PSpice to work, we'll need to find the right models for each component or create our own.

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