

## Re: What schematic drawing tool do you use ?

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*Source:* <http://sci.tech--archive.net/Archive/sci.electronics.design/2005-12/msg04260.html>

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- *From:* "Walter Harley" <[walterh@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:walterh@xxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Sat, 24 Dec 2005 09:35:36 -0800
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"BrunoG" <[noreply@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:noreply@xxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message [news:43a897a1\\$0\\$20160\\$8fcb975@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:43a897a1$0$20160$8fcb975@xxxxxxxxxxxxxxxxxxxxxxxx)  
> >[...] That is worth the case because Eagle seems much more powerfull.  
> I have to see now if the non-commercial licence would fit my needs within  
> this licence agreement.

Eagle is what I use too. It is reasonably powerful, but be forewarned: there are a lot of bugs, limitations, and idiosyncracies that will have you pulling your hair out until you figure them out. I highly recommend reading the manual and the tutorial closely, even though they are not well written; and spend some time reading through the Eagle support newsgroups, because the same issues come up over and over again. Perhaps the two biggest issues are: "Cut" in Eagle means what "Copy" means in any other Windows program, and you need to use "Net" rather than "Wire" to create a wire in a schematic or PCB layout. (The toolbar icon for "Net" is not intuitively obvious.) Use the mouse scroll wheel to zoom in and out, to get rid of "screen junk" like leftover lines and text caused by the graphics bugs.

Also, be aware that the libraries contain errors, such as parts with incorrect PCB footprints. Never assume that the library part is correct – always check. And do learn how to make your own library parts; it is often faster to make the right part than to search through the Eagle libraries trying to find something that is not quite right.

–walter

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Re: What schematic drawing tool do you use ?

◇ *From:* Joerg

◆ ***Re: What schematic drawing tool do you use ?***

◇ *From:* BrunoG

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