

Re: Please clarify European resistor value notation for me

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- *From:* Joerg <[notthisjoergsch@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:notthisjoergsch@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Fri, 08 Dec 2006 17:02:35 GMT
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Jim Thompson wrote:

On Fri, 08 Dec 2006 08:22:00 -0800, John Larkin  
<[jjlarkin@xx](mailto:jjlarkin@xx)> wrote:

On Fri, 08 Dec 2006 16:09:40 GMT, Joerg  
<[notthisjoergsch@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:notthisjoergsch@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote:

Paul Burke wrote:

Mike Monett wrote:

However, I'm concerned that the symbol for variable capacitors seems to have changed to two flat plates with a diagonal arrow. There is no way to indicate which plate is the rotor.

You're always free to add a note to the diagram, or better to the schematic symbol so they can't mess it up on the layout.

Even better would be to create a new part on the CAD

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system. That's what I always do. Except that after switching  
to Cadsoft they were all there already.

We always draw our own parts. The stuff in the standard PADS library  
is just too ugly. We also have our own symbols for things like mosfets  
and schottky diodes that are, to me, more intuitive and readable than  
the accepted stuff.

The debate over US/european/tibetan schematic symbols is silly. We  
just make up anything that we like. Why follow rules when you can make  
rules?

True. But I am a hired hand so have to abide by what the client wants.

Same here... very human-readable schematics, but netlists are what the  
layout guys want.

I became very careful about that. Basically my layouter re-draws the schematic most of the time. That takes a  
few extra hours but it's well invested time.

The pinout on even the most mundane parts such as a BSS123 is not standard. At first the layouter didn't think  
so until it did go wrong. Datasheet said 3-1-2, his CAD said 1-3-2. Bzzzzt. What blew me away was that  
they even changed it when Siemens became Infineon. IOW there is no standard.

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Regards, Joerg

<http://www.analogconsultants.com>

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