

Re: Please clarify European resistor value notation for me

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- *From:* Eeyore <rabbitsfriendsandrelations@xxxxxxxxxxx>
 - *Date:* Fri, 08 Dec 2006 17:58:22 +0000
-

Joerg wrote:

Jim Thompson wrote:

John Larkin <jjlarkin@xx> wrote:

Joerg notthisjoergsch@xx> 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

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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 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.

I've resorted to labelling transistor pins b, c, e etc so that you have to check
the layout symbol thus ensuring it *should* be right.

Graham

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