

Re: RLC

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- *From:* "Andrew Holme" <ajholme@xxxxxxxxxxxxx>
 - *Date:* 8 Apr 2005 01:38:27 -0700
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Andrew Holme wrote:

- > When using AC-coupling between stages, the coupling capacitors can form
- > unwanted high-pass filters, unless the reactance is negligible compared
- > to the source resistance.

Perhaps I should say: compared to load resistance.

Another time you might want $1/wC \ll R_s$ would be when selecting decoupling capacitors. Here, it is the source resistance we are concerned with, and we are forming a low-pass filter with a VERY low break frequency.

• **References:**

- ◆ **RLC**
 ◇ *From:* jason
- ◆ **Re: RLC**
 ◇ *From:* Lord Garth
- ◆ **Re: RLC**
 ◇ *From:* jason
- ◆ **Re: RLC**
 ◇ *From:* Andrew Holme

- Prev by Date: **Re: RLC**
- Next by Date: **Re: RLC**
- Previous by thread: **Re: RLC**
- Next by thread: **Re: RLC**
- Index(es):
 - ◆ **Date**
 - ◆ **Thread**